SAN BERNARDINO COUNTY
INITIAL STUDY/NEGATIVE DECLARATION ENVIRONMENTAL CHECKLIST FORM

This form and the descriptive information in the application package constitute the contents of Initial Study pursuant to County Guidelines under Ordinance 3040 and Section 15063 of the State CEQA Guidelines.

PROJECT LABEL:

APNs:	0602-371-06	***USGS Quad:***	Joshua Tree North, Calif., 7.5' quadrangle
Applicant:	Eric Kleinhub Pacific Transwest Realty 6019 Avenida Cresta La Jolla, CA 92037	***T, R, Section:***	Section 26, T1N R6E, San Bernardino Baseline and Meridian
Location	The Project site consists of consists of Assessor's Parcel Number 0602-371-06, located at the northwest corner of Sunset Road and Twentynine Palms Highway (State Route 62) and south of Verbena Road in the Joshua Tree community. The Project coordinates are 34.136, -116.318.	***Thomas Bros***	N/A
Project No:	PROJ- 2024-00017	***Community Plan:***	Joshua Tree Community Action Guide
Rep	N/A	***LUZD:***	LU: Medium Density Residential 5-20 du/ac (MDR) and Commercial (C) Zoning: Joshua Tree/General Commercial-Sign Control Primary (JT/CG-SCp) and Joshua Tree/Multiple Residential (JT/RM)
Proposal:	A General Plan Amendment/Policy Plan Amendment to adjust the boundary between Medium Density Residential 5-20 du/ac (MDR) and Commercial (C) and corresponding Zone Change to adjust the boundary between Joshua Tree/General Commercial-Sign Control Primary (JT/CG-SCp) and Joshua Tree/Multiple Residential (JT/RM) within a parcel (APN 0602-371-06). (See Exhibit 4)	***Overlays:***	Military Influence Overlay: Helicopter Route – MCAGCC Flood Plain Safety (FP) Overlay District: FP1 (Zone A - Inside 100 Year Flood Plain) and FP2 (Zone X - Inside 500 Year Flood Plain) Biotic Resources (BR): Desert Tortoise - Medium Population

PROJECT CONTACT INFORMATION:

Lead agency: County of San Bernardino
Land Use Services Department
385 N. Arrowhead Avenue, 1st Floor
San Bernardino, CA 92415-0182

Contact person: Mark Wardlaw, Director
Phone No: (909) 387-4431 ***Fax No:*** (909) 387-3223
E-mail: Mark.Wardlaw@lus.sbcounty.gov

Project Sponsor Eric Kleinhub
Pacific Transwest Realty
6019 Avenida Cresta
La Jolla, CA 92037

PROJECT DESCRIPTION:

Summary

The proposed Project consists of a General Plan Amendment (GPA)/Policy Plan Amendment and corresponding Zone Change (ZC) within the subject property (APN 0602-371-06). The Project site occupies 40 gross acres of undeveloped land in the unincorporated community of Joshua Tree, San Bernardino County, California. San Bernardino County is the lead agency for compliance with the California Environmental Quality Act (CEQA) and for considering the GPA and ZC applications.

Currently, the Project site is dual-zoned for residential and commercial development. Seven acres on the south side is designated as Commercial (C) and zoned as Joshua Tree/General Commercial-Sign Control Primary (JT/CG-SCp). The remaining 33 acres of the site is designated as Medium Density Residential 5-20 du/ac (MDR) and zoned as Joshua Tree/Multiple Residential (JT/RM). The proposed GPA and ZC will increase the area under the Commercial land use category and JT/CG-SCp land use district (zoning) from 7 acres to 16 acres, and decrease the area under the MDR land use category and JT/RM zoning from 33 acres to 24 acres on the subject site. Details are shown in Table 1 below and in Exhibits 4 and 5. The GPA and ZC for the subject site have been requested following the completion of a Letter of Map Revision (LOMR) with the Federal Emergency Management Agency (FEMA) prepared for Joshua Tree Creek, which was approved on March 21, 2023 (see Appendix D). The proposed boundaries of the commercial and residential land uses correspond to the approved realignment of the creek. Details on the LOMR are explained below under existing site conditions and shown in Exhibits 6 and 7.

Table 1. Existing and Proposed Project Site Land Use and Land Use Zoning Districts

Land Use/Land Use Zoning District	Existing Acreage	Proposed Acreage
Medium Density Residential 5-20 du/ac (MDR) / Joshua Tree/Multiple Residential (JT/RM)	33	24
Commercial (C) / Joshua Tree/General Commercial-Sign Control Primary (JT/CG-SCp)	7	16
Total	40	40

Surrounding Land Uses and Setting

The existing uses and zoning districts surrounding the Project site are provided in Table 2.

Table 2. Existing Land Use and Land Use Zoning Districts		
Location	**Existing Land Use**	**Land Use Zoning District**
Project Site	Vacant and Undeveloped land	Joshua Tree/Multiple Residential (JT/RM) and Joshua Tree/General Commercial-Sign Control Primary (JT/CG-SCp)
North	Vacant, undeveloped landand residential use (apartments)	Joshua Tree/Rural Living (JT/RL) and JT/RM
South	Various commercial uses and some vacant buildings/lots	JT/CG-SCp
East	Joshua Basin Water District Lay Down Area, industrial uses, and vacant residential properties and lots/land	Joshua Tree/Community Industrial (JT/IC) and JT/CG-SCp
West	Vacant, undeveloped land, residential use (apartments) and post office	JT/RM and JT/CG-SCp

Project Site Location, Existing Site Land Uses and Conditions

The Regional Location Map (Exhibit 1), Project Vicinity Map (Exhibit 2), and Project Location Map (Exhibit 3) include the regional location and aerial photos of the Project site and the immediate surrounding area. The Project proposes a GPA and corresponding ZC on the site (APN 0602-371-06) and does not include any development plans. Existing and proposed land use categories and zoning districts on the Project site are shown in Exhibits 4 and 5.

The Project site is vacant and undeveloped. The site is surrounded by public roads on three sides—Twentynine Palms Highway on the south, Sunset Road on the east, and Verbena Road (unpaved along Project site boundary) on the north. There is one additional named road that crosses the Project site, Chollita Road in the northern portion of the site running parallel to Verbena Road. Scattered refuse including construction and landscaping debris are found throughout the site. The site has a relatively diverse vegetation including Joshua trees, yucca, creosote bush, several varieties of cholla and beavertail cactus, and other small grasses and brushes.

Joshua Tree Creek runs through the Project site from southwest to northeast. The main channel, including the creek centerline, was located on the southern portions of the site (Exhibit 6), which roughly corresponded to the floodway mapped in the FEMA Flood Insurance Rate Map (FIRM) No.06071C8140J (effective date of September 2, 2016). However, Joshua Tree Creek has been significantly altered by development in the Project vicinity, including channelization to the southwest, which has caused the creek to migrate north and run diagonally through the site. Based on new mapping and modeling efforts, a LOMR was prepared to modify floodway and floodplain locations in the Project area based on updated topographic data. The LOMR was approved by FEMA with an effective date of August 2, 2023 to revise the FIRM No.06071C8140J (Exhibit 7) and No.06071C8145J (see Appendix D for details). The LOMR confirmed that the creek centerline had migrated north approximately 460 feet, leading to floodplain and floodway revisions in the area. Within the Project site, the regulatory floodway moved north from the south side to a central diagonal (southwest to northeast) through the site, which greatly increases the developable area in the southern portion of the site. Therefore, the LOMR which is consistent with

the proposed GPA and ZC which expands the commercial land use category and zoning district to match the developable area south of the creek.

ADDITIONAL APPROVAL REQUIRED BY OTHER PUBLIC AGENCIES

Federal: None.
State of California: None.
County of San Bernardino: Land Use Services Department – Building and Safety, Public Health-Environmental Health Services, Department of Public Works.
Regional: None.
Local: None.



Northeast corner of the site, facing southwest.



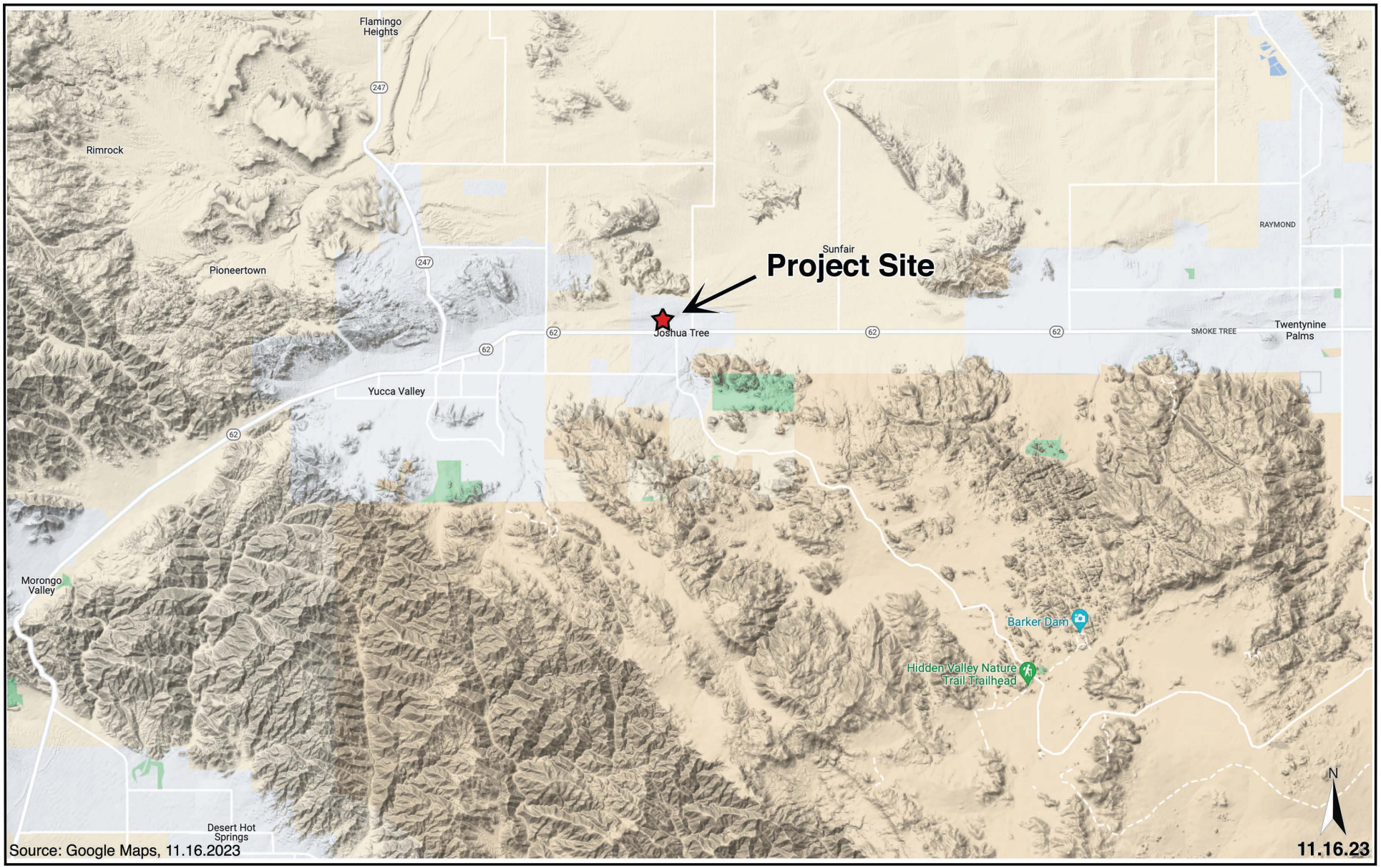
Southeast corner of the site, facing northwest.



Southwest corner of the site, facing northeast.



Northwest corner of the site, facing southeast.



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General Plan Amendment and Zone Change in Joshua Tree, California
Regional Location Map
Joshua Tree, California

Exhibit
1



Source: ESRI, 11.17.2023

11.17.23

General Plan Amendment and Zone Change in Joshua Tree, California
Vicinity Map
Joshua Tree, California

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Exhibit

2



Source: Google Earth, 11.17.2023

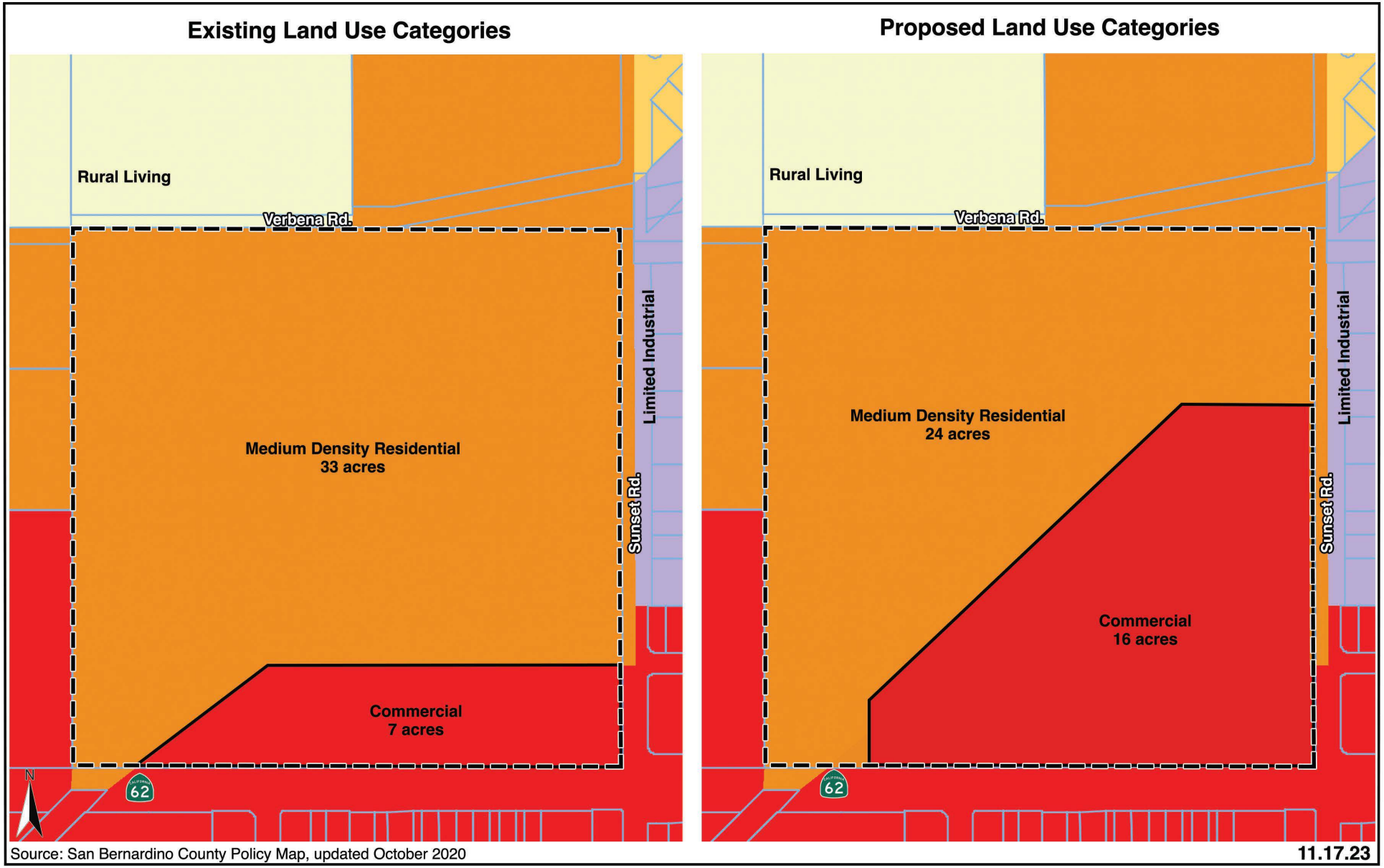
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General Plan Amendment and Zone Change in Joshua Tree, California
Project Location Map
Joshua Tree, California

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Exhibit

3



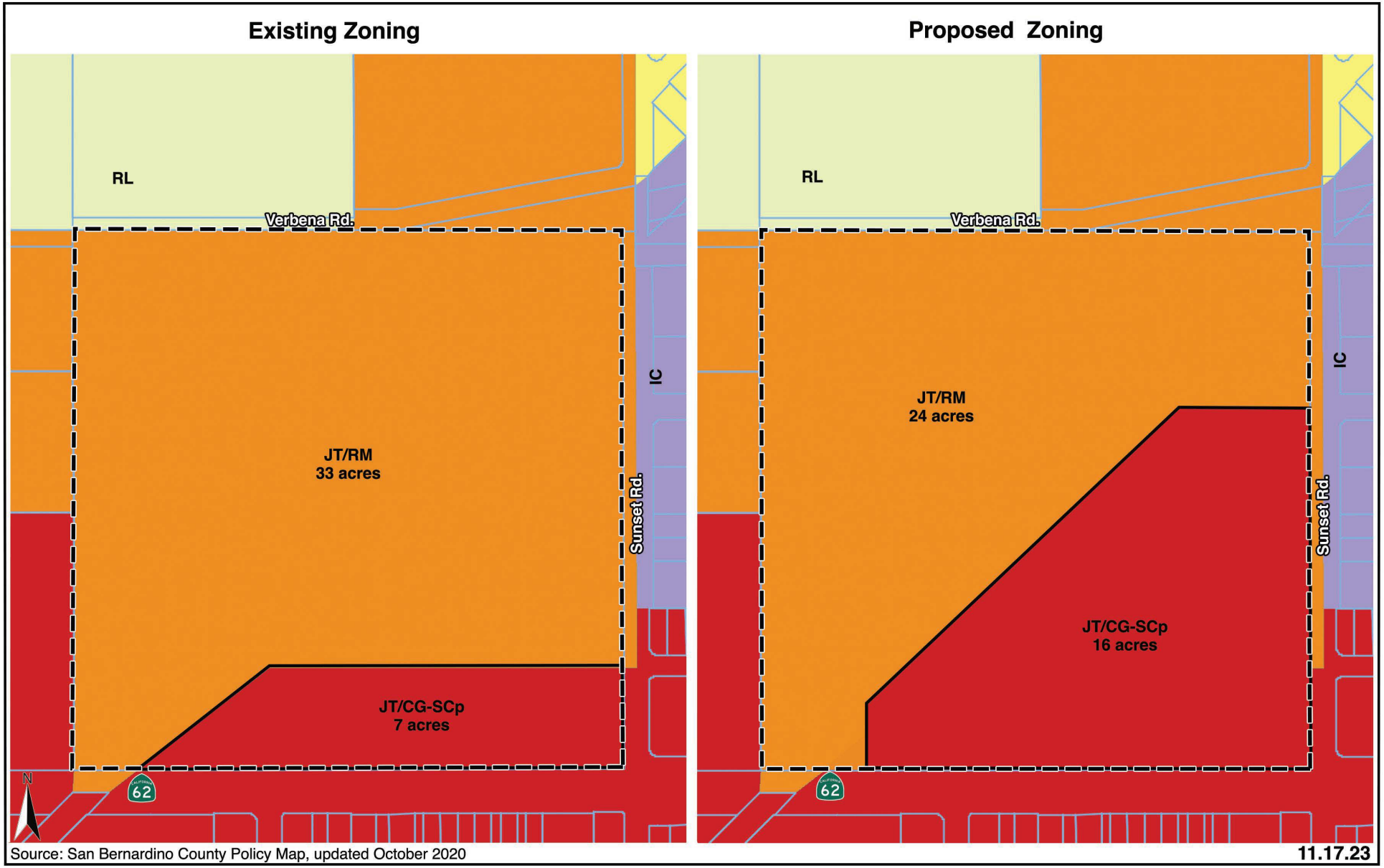
Source: San Bernardino County Policy Map, updated October 2020

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General Plan Amendment and Zone Change in Joshua Tree, California
General Plan Amendment Map
Joshua Tree, California

Exhibit
4



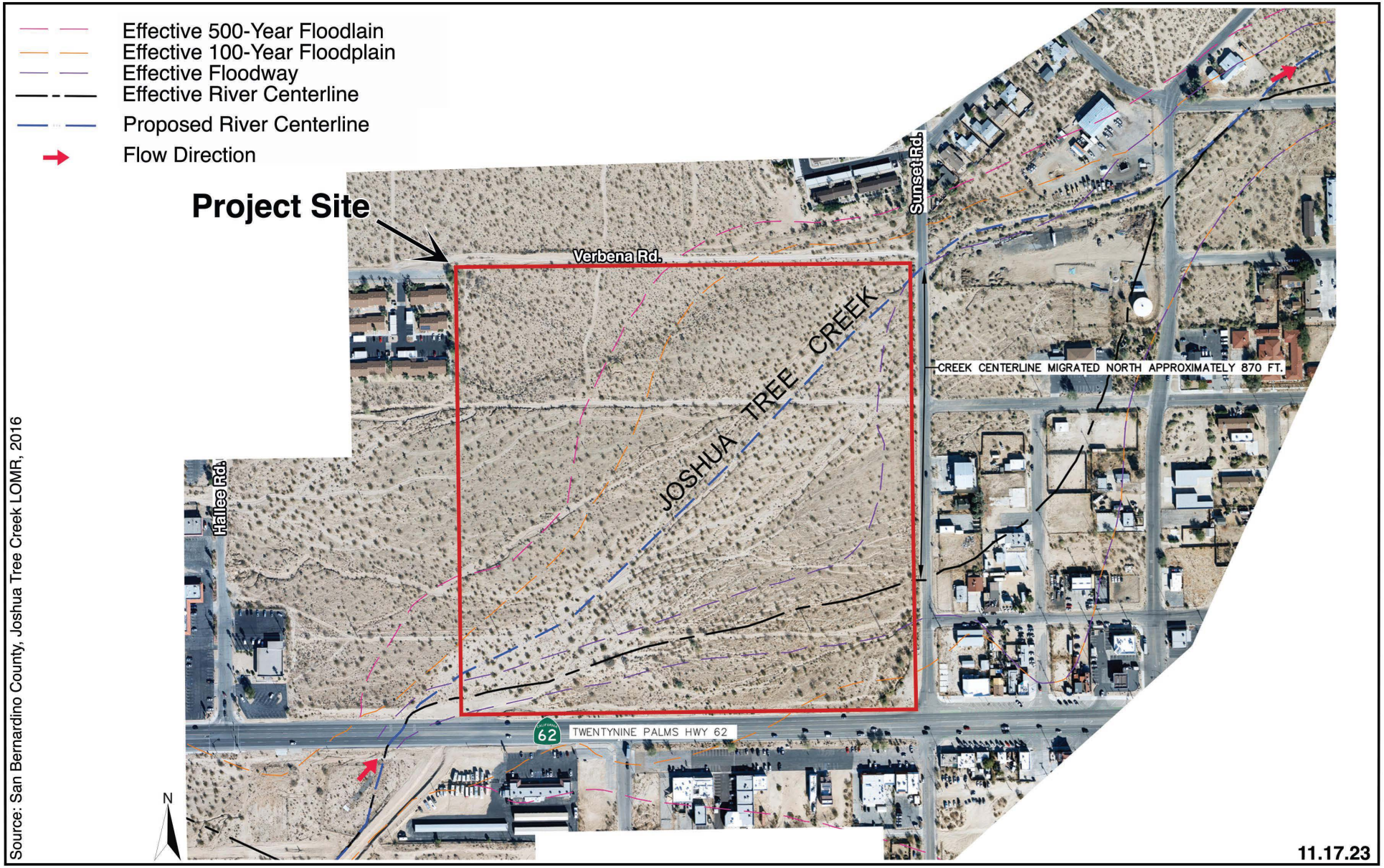
Source: San Bernardino County Policy Map, updated October 2020

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General Plan Amendment and Zone Change in Joshua Tree, California
Zone Change Map
Joshua Tree, California

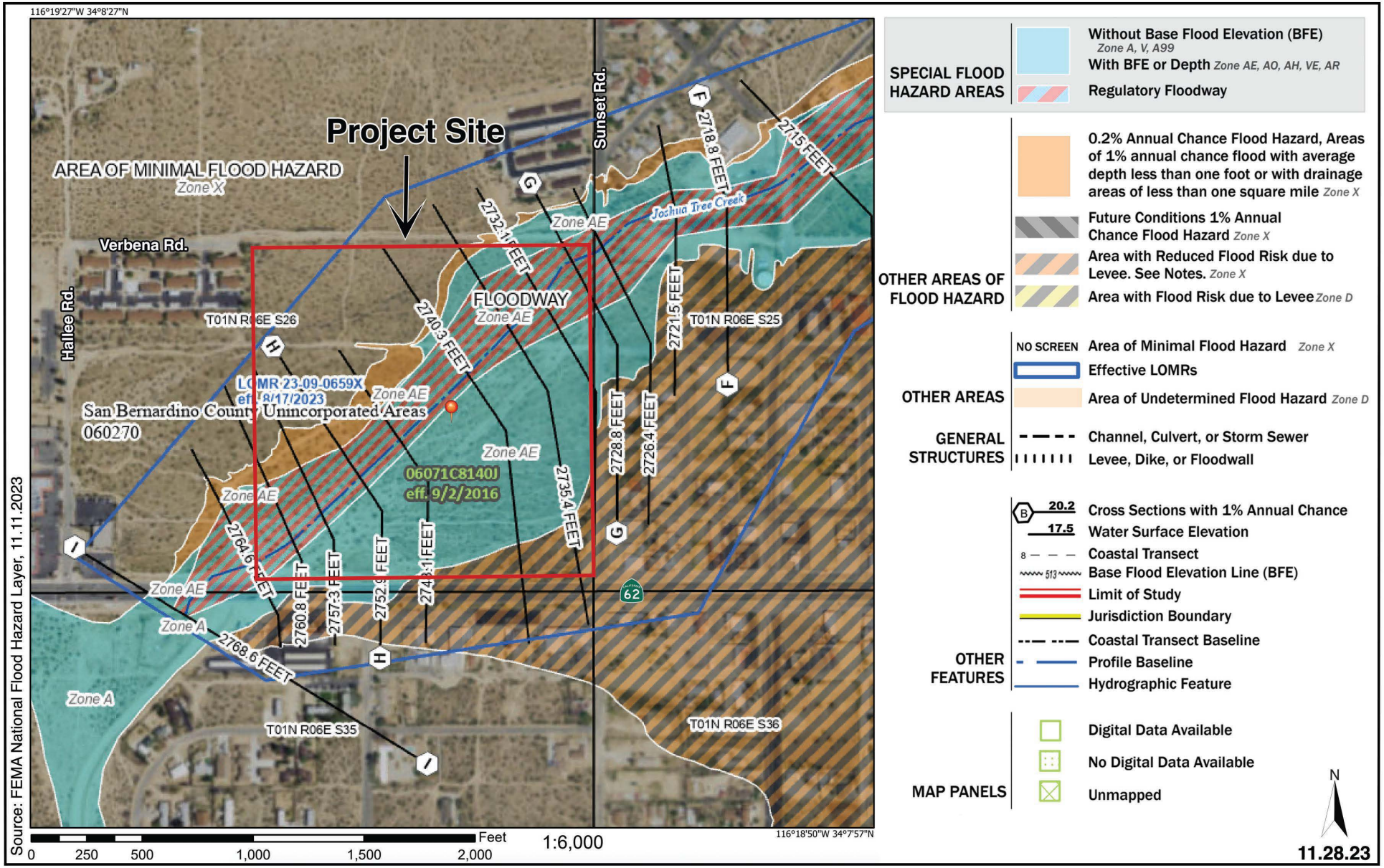
Exhibit
5



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General Plan Amendment and Zone Change in Joshua Tree, California
FEMA Flood Hazard Zones Before LOMR (2016)
Joshua Tree, California

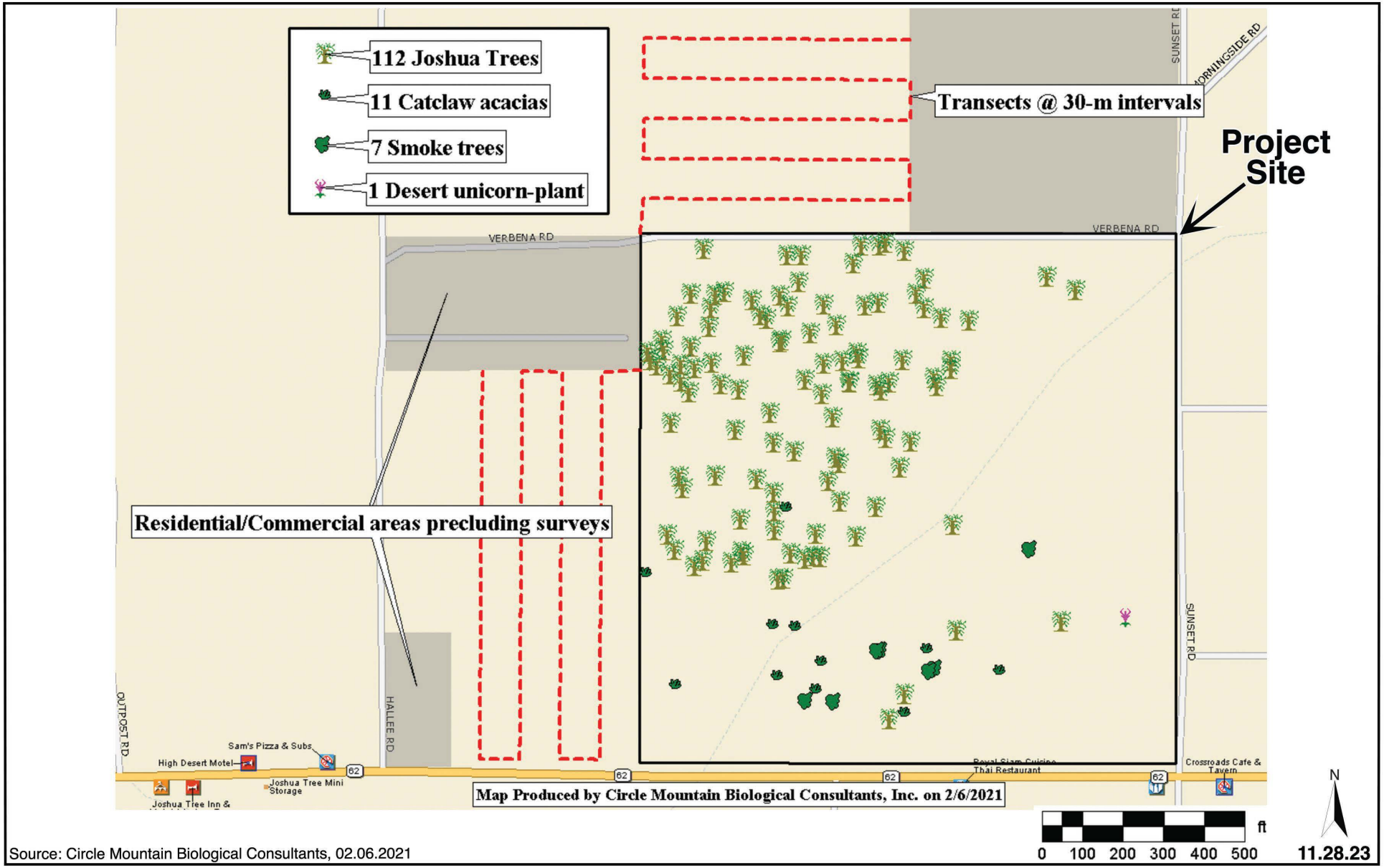
Exhibit
6



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General Plan Amendment and Zone Change in Joshua Tree, California
FEMA Flood Hazard Zones After LOMR (2023)
Joshua Tree, California

Exhibit
7



Source: Circle Mountain Biological Consultants, 02.06.2021

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General Plan Amendment and Zone Change in Joshua Tree, California
Project Site Map with Protected Plant Species Locations
Joshua Tree, California

Exhibit
8

CONSULTATION WITH CALIFORNIA NATIVE AMERICAN TRIBES

Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentially, etc.?

Note: Conducting consultation early in the CEQA process allows tribal governments, lead agencies, and project proponents to discuss the level of environmental review, identify and address potential adverse impacts to tribal cultural resources, and reduce the potential for delay and conflict in the environmental review process. (See Public Resources Code section 21083.3.2.) Information may also be available from the California Native American Heritage Commission's Sacred Lands File per Public Resources Code section 5097.96 and the California Historical Resources Information System administered by the California Office of Historic Preservation. Please also note that Public Resources Code section 21082.3(c) contains provisions specific to confidentiality.

Upon receipt of the GPA/ZC application and this Initial Study, the County of San Bernardino staff will initiate tribal consultation pursuant to AB 52 and SB 18.

EVALUATION FORMAT

This Initial Study is prepared in compliance with the California Environmental Quality Act (CEQA) pursuant to Public Resources Code Section 21000, et seq. and the State CEQA Guidelines (California Code of Regulations Section 15000, et seq.). Specifically, the preparation of an Initial Study is guided by Section 15063 of the State CEQA Guidelines. This format of the study is presented as follows. The project is evaluated based on its effect on 20 major categories of environmental factors. Each factor is reviewed by responding to a series of questions regarding the impact of the project on each element of the overall factor. The Initial Study checklist provides a formatted analysis that provides a determination of the effect of the project on the factor and its elements. The effect of the project is categorized into one of the following four categories of possible determinations:

Potentially Significant Impact	Less than Significant With Mitigation Incorporated	Less than Significant	No Impact

Substantiation is then provided to justify each determination. One of the four following conclusions is then provided as a summary of the analysis for each of the major environmental factors.

1. **No Impact**: No impacts are identified or anticipated and no mitigation measures are required.
2. **Less than Significant Impact**: No significant adverse impacts are identified or anticipated and no mitigation measures are required.
3. **Less than Significant Impact with Mitigation Incorporated**: Possible significant adverse impacts have been identified or anticipated and the following mitigation measures are required as a condition of project approval to reduce these impacts to a level below significant. The required mitigation measures are: (List of mitigation measures)
4. **Potentially Significant Impact**: Significant adverse impacts have been identified or anticipated. An Environmental Impact Report (EIR) is required to evaluate these impacts, which are (List of the impacts requiring analysis within the EIR).

At the end of the analysis the required mitigation measures are restated and categorized as being either self- monitoring or as requiring a Mitigation Monitoring and Reporting Program.

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors checked below will be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

☐ Aesthetics	☐ Agriculture and Forestry Resources	☐ Air Quality
☐ Biological Resources	☐ Cultural Resources	☐ Energy
☐ Geology/Soils	☐ Greenhouse Gas Emissions	☐ Hazards & Hazardous Materials
☐ Hydrology/Water Quality	☐ Land Use/Planning	☐ Mineral Resources
☐ Noise	☐ Population/Housing	☐ Public Services
☐ Recreation	☐ Transportation	☐ Tribal Cultural Resources
☐ Utilities/Service Systems	☐ Wildfire	☐ Mandatory Findings of Significance

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation, the following finding is made:

☒	The proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION shall be prepared.
☐	Although the proposed project could have a significant effect on the environment, there shall not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION shall be prepared.
☐	The proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
☐	The proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
☐	Although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Ron Cruz — 4/16/2025
Signature: (prepared by Name, Planner) — Date

Paul Toomey — 4/16/2025
Signature: (Name, Supervising Planner) — Date

	Issues	*Potentially Significant Impact*	*Less than Significant with Mitigation Incorporated*	*Less than Significant*	*No Impact*
I.	***AESTHETICS*** – Except as provided in Public Resources Code Section 21099, would the project:				
a)	Have a substantial adverse effect on a scenic vista?	☐	☐	☐	☒
b)	Substantially damage scenic resources, including but not limited to trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	☒
c)	In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	☐	☒
d)	Create a new source of substantial light or glare, which will adversely affect day or nighttime views in the area?	☐	☐	☐	☒

SUBSTANTIATION: *(Check ☐ if project is located within the view-shed of any Scenic Route listed in the General Plan):*

Countywide Plan; Submitted Project Materials; California State Scenic Highway System Map by Caltrans

a) *Have a substantial adverse effect on a scenic vista?*

No Impact. The Joshua Tree community is located in the Morongo Basin in the southwestern corner of the Mojave Desert. In the basin, Joshua Tree National Park lies to the south of the community and the Marine Corps Air Ground Combat Center is to the northeast. The Mojave Desert is separated from the Sonoran Desert to the south by the Little San Bernardino and Eagle Mountains, which are extensions of the Transverse Range. The western Mojave Desert is a flat, sparsely vegetated region interspersed with mountain ranges and dry lakes.

The Project site consists of vacant undeveloped land in the Joshua Tree community in the Desert Region of San Bernardino County. Vegetation on the subject site includes Joshua trees, yucca, smoke trees, various cacti and other native and non-native trees, shrubs and grasses. Scenic vistas in the Project area include low hills to the north and south, desert floor, and vegetation. Views of these scenic resources tend to be partially blocked by existing development depending on the location.

The Project consists of a GPA and ZC that would alter the boundary between two land use categories and corresponding zoning districts on the subject property. Such policy change will have no impact on scenic vistas, because no development is proposed. In the future, development proposed on the Project site will be required to undergo CEQA review which would address potential impacts on scenic vistas. The San Bernardino County Countywide Plan 2020 (Countywide Plan) and the Joshua Tree Community Action Guide include policies that promote new developments that are compatible and consistent with the natural and built environment and set forth design guidelines that define the unique character of Joshua Tree.

Future development onsite will be subject to development standards set forth in the San Bernardino Development Code, including height limits and landscaping standards that protect scenic views and scenic quality. These development standards are designed to limit impacts on scenic vistas by limiting building height, providing setbacks to allow view corridors, and limit building coverage. When development is proposed for the Project site, its compliance with these standards will be analyzed to determine whether the design will impact scenic vistas surrounding the Project site.

Overall, the modification of the General Plan and Zoning maps will have no impact on scenic vistas.

b) *Substantially damage scenic resources, including but not limited to trees, rock outcroppings, and historic buildings within a state scenic highway?*

Twentynine Palms Highway borders the site on the south and is eligible for designation as a State scenic highway by Caltrans throughout Joshua Tree. It is not, however, designated at or surrounding the Project site. The site is vacant, and does not include rock outcroppings or historic buildings. The site does contain Joshua trees, which are protected under California law (see Section IV, Biological Resources).

Project consists of a GPA and ZC that would alter the boundary between two land use categories and corresponding zoning districts on the subject property. Such policy change will have no impact on scenic resources, because none occur on the site.

c) *In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?*

The Project consists of a GPA and ZC that would alter the boundary between two land use categories and corresponding zoning districts on the subject property. Such policy change will have no impact on visual character or public views, because no development will occur. In addition, the GPA and ZC would change the acreage of Medium Density Residential and Commercial lands on the site, but would not change the designations themselves. Therefore, although the amount of Medium Density and Commercial land will change, the character of that development will be substantially the same as that currently allowed under Future development of the Project Site would be

in accordance with the Countywide Plan and Development Code and subject to CEQA review.

Therefore, the GPA and ZC will have no impact on either the visual character or the quality of public views on and surrounding the Project site.

d) *Create a new source of substantial light or glare, which will adversely affect day or nighttime views in the area?*

The Project consists of a GPA and ZC which will redistribute the allowed land uses on the site, resulting in an increase in Commercial land, and a decrease in Medium Density Residential land. This modification of the Countywide Plan and Zoning maps will have no impact on light and glare, because no development will occur.

Future development on the site will be subject to project-specific review under CEQA, and will be required to conform to the San Bernardino County Development Code that requires shielding of outdoor light fixtures, minimizing light pollution, and other measures to minimize glare and prevent excessive lighting in the Desert Region. To preserve the dark sky environment, future development would be required to adhere to the County Development Code Section 83.07.060 Glare and Outdoor Lighting for Mountain and Desert Regions. As proposed the GPA and ZC will have no impact on light and glare.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

	Issues	*Potentially Significant Impact*	*Less than Significant with Mitigation Incorporated*	*Less than Significant*	*No Impact*
II.	**AGRICULTURE AND FORESTRY RESOURCES** - In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a)	Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	☒
b)	Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c)	Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d)	Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e)	Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒

SUBSTANTIATION: *(Check ☐ if project is located in the Important Farmlands Overlay):*

Countywide Plan*; *California Department of Conservation Farmland Mapping and Monitoring Program; Submitted Project Materials

a) *Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?*

b) *Conflict with existing zoning for agricultural use, or a Williamson Act contract?*

a), b) No Impact. Agricultural production is generally not active in the Morongo Basin, nor in the Joshua Tree community. Commercial farming has not occurred in the area for decades, likely due to its arid environment. Neither the Countywide Plan nor the Development Code have agricultural designations or districts in the Joshua Tree community, but in certain residential districts incidental agricultural and similar compatible uses are allowed.

The Joshua Tree community and most of the Desert Region of San Bernardino County are not mapped by the California Department of Conservation Farmland Mapping and Monitoring Program. This is also reflected in the Policy Map NR-5 Agricultural Resources in the Natural Resources Element of the Countywide Plan. The community of Joshua Tree contains no agricultural nor any lands covered by a Williamson Act contract, and no lands are designated for agricultural purposes in the Countywide Plan.

The GPA and ZC will have no impact on agricultural resources.

c) *Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?*

d) *Result in the loss of forest land or conversion of forest land to non-forest use?*

c), d) No Impact. The proposed Project consists of a General Plan and Zoning map amendment only, and will not result in new development. The Project site is designated and zoned for residential and commercial development, which would not change with the proposed GPA and ZC. There are no lands designated for forestry or timberland in the Joshua Tree area. The Project will not conflict with or cause a loss of forest land, and no impact will occur.

e) *Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?*

No Impact. The proposed Project will not result in any direct or indirect impact on agricultural or forest land, nor would it result in the conversion of such land to non-agricultural or non-forest uses. Adoption of the proposed GPA and ZC will have no impact on agricultural and forestry resources.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

	Issues	*Potentially Significant Impact*	*Less than Significant with Mitigation Incorporated*	*Less than Significant*	*No Impact*
III.	**AIR QUALITY -** Where available, the significance criteria established by the applicable air quality management district or air pollution control district might be relied upon to make the following determinations. Would the project:				
a)	Conflict with or obstruct implementation of the applicable air quality plan?	☐	☐	☒	☐
b)	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?	☐	☐	☐	☒
c)	Expose sensitive receptors to substantial pollutant concentrations?	☐	☐	☐	☒
d)	Result in other emissions (such as those leading to odors adversely affecting a substantial number of people?	☐	☐	☐	☒

SUBSTANTIATION: *(Discuss conformity with the Mojave Desert Air Quality Management Plan, if applicable):*

Countywide Plan*; *Submitted Project Materials; MDAQMD 2020 CEQA and Federal Conformity Guidelines

a) *Conflict with or obstruct implementation of the applicable air quality plan?*

Less Than Significant Impact. The community of Joshua Tree, including the Project site, lies within the Mojave Desert Air Basin (MDAB), and is under the jurisdiction of the Mojave Desert Air Quality Management District (MDAQMD). MDAQMD is geographically the second largest of the 35 air districts in the State of California. All development within Joshua Tree is subject to MDAQMD's 2020 "California Environmental Quality Act (CEQA) and Federal Conformity Guidelines."

The majority of MDAQMD is in nonattainment for ozone (O3) and suspended particulate matter less than 10 microns in size (PM10) under the CAAQS and NAAQS. A small portion outside the San Bernardino Southeast Desert is also in nonattainment for suspended particulate matter less than 2.5 microns in size (PM2.5) under NAAQS. As a result, MDAQMD has adopted federal attainment plans for ozone and PM10 as well as other attainment plans.

According to MDAQMD's 2020 CEQA and Federal Conformity Guidelines, a project is non-conforming if it conflicts with or delays implementation of any applicable attainment or maintenance plan. A project is conforming if it complies with all

applicable District rules and regulations, complies with all proposed control measures that are not yet adopted from the applicable plan(s), and is consistent with the growth forecasts in the applicable plan(s) (or is directly included in the applicable plan). Conformity with growth forecasts can be established by demonstrating that the project is consistent with the land use plan that was used to generate the growth forecast. An example of a non-conforming project would be one that increases the gross number of dwelling units, increases the number of trips, and/or increases the overall vehicle miles traveled in an affected area (relative to the applicable land use plan).

The Project proposes a GPA and corresponding ZC within a 40-acre site in Joshua Tree. The site is currently dual-zoned for residential (JT/RM) and commercial (JT/CG-SCp) development on 33 and 7 acres, respectively. The Project proposes decreasing the residential (JT/RM) portion to 24 acres and increasing the commercial (JT/CG-SCp) portion to 16 acres. The Project will not change the total area, type or density of development allowed onsite by the Countywide Plan and Development Code. As such, the Project is expected to have a less than significant impact regarding conflicting with or obstructing implementation of any applicable air quality plan.

b) *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?*

c) *Expose sensitive receptors to substantial pollutant concentrations?*

b), c) No Impact. Criteria air pollutants are those for which state and federal air quality standards (California Ambient Air Quality Standards (CAAQS) and National Ambient Air Quality Standards (NAAQS)) have been established. Ambient air quality in the MDAQMD, including the Project area, does not exceed state and federal standards for carbon monoxide, nitrogen dioxide, sulfur dioxide, lead, sulfates, hydrogen sulfide, or visibility reducing particles.
The Project proposes a change in General Plan and Zoning maps only and will have no direct impact on air quality, as it will not generate any construction or development. When future development is proposed on the Project site, the County will undertake CEQA review and assess potential impacts on air quality, including emissions of criteria pollutants and pollutant concentrations near sensitive receptors.

All future projects will be required to adhere to MDAQMD rules and regulations and County requirements for construction related activities to ensure compliance with the attainment or maintenance plans. Applicable standard requirements and best management practices include, but are not limited to, implementation of a dust control and management plan in conformance with MDAQMD Rule 403.

MDAQMD's 2020 CEQA and Federal Conformity Guidelines requires evaluation of air quality impacts using significance threshold criteria in the guidelines, if certain project types are proposed near sensitive receptor land uses. Project types subject to this requirement include industrial projects, distribution centers, major transportation projects, dry cleaners,

and gasoline dispensing facilities. The residential and commercial development allowed on the Project site as a result of the GPA and ZC will not allow these types of uses, and no resulting impact to sensitive receptors would occur.

d) *Result in other emissions (such as those leading to odors adversely affecting a substantial number of people?*

No Impact. The proposed GPA and ZC has no potential to generate odors, as no development will occur. The proposed GPA and ZC would facilitate commercial and residential development, which typically do not emit odors that would adversely affect a substantial number of people. CEQA review of future development onsite will include analysis of the types of commercial uses proposed, to assure that no significant odors are emitted, or propose mitigation measures should the use generate such odors.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

	Issues	*Potentially Significant Impact*	*Less than Significant with Mitigation Incorporated*	*Less than Significant*	*No Impact*
IV.	**BIOLOGICAL RESOURCES -** Would the project:				
a)	Have substantial adverse effects, 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 Wildlife or U.S. Fish and Wildlife Service?	☐	☐	☐	☒
b)	Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or US Fish and Wildlife Service?	☐	☐	☐	☒
c)	Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☒
d)	Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☐	☒
e)	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☒
f)	Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional or state habitat conservation plan?	☐	☐	☐	☒

SUBSTANTIATION:	*(Check if project is located in the Biological Resources Overlay or contains habitat for any species listed in the California Natural Diversity Database ☒):*

Countywide Plan*; *Submitted Project Materials; Focused Survey for Agassiz's Desert Tortoise, Habitat Assessments for Burrowing Owl and Joshua Tree, and General Biological Resource Assessment for a 40-acre± Site (APN 0602-371-06) in the Community of Joshua Tree, San Bernardino County, California, prepared by Circle Mountain Biological Consultants, Inc., February 2021

a) *Have substantial adverse effects, 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 Wildlife or U.S. Fish and Wildlife Service?*

No Impact. The proposed GPA and ZC will have no impact on any sensitive species, because no development is proposed. Future project proposals will be required by the County to undergo review under CEQA, including the analysis of impacts to on-site resources, as described below.

The unincorporated community of Joshua Tree lies in the western Mojave Desert in San Bernardino County, California. The most common vegetation community in the County and the Joshua Tree community is the Sonoran and Mojave Desert Scrub, which includes various vegetation groups. The Joshua Tree community is located within boundaries of the West Mojave Plan and Desert Renewable Energy Conservation Plan; which are federal plans implemented by the Bureau of Land management (BLM), that do not provide habitat conservation plan (HCP) or natural communities conservation plan (NCCP) coverage for private lands in San Bernardino County. Among the diverse flora and fauna in Joshua Tree and surrounding areas, many special-status species have been documented such as desert tortoise, burrowing owls, and Joshua trees.

The following analysis on potential impacts to biological resources on the subject property is based on the Project-specific biological resource assessment including a focused survey for Agassiz's desert tortoise and habitat assessments for burrowing owl and Joshua tree prepared by Circle Mountain Biological Consultants, Inc (Appendix A). The Project-specific biological resource assessment included a literature review with particular attention to 13 focused tortoise surveys in the Project vicinity between 1990 and 2010 and field surveys onsite and in adjacent areas in 2021 with a focus on Agassiz's desert tortoise and burrowing owl.

The Project site has relatively flat terrain with a slight northeastern slope. Site soils are mostly sandy with scattered rock. Joshua Tree Creek, a USGS-designated blueline stream, flows through the site in a southwest to northeast direction. The plant community onsite is Mojavean creosote bush scrub with dominant perennial species and less dominant perennial shrubs. The site survey identified 60 plant species, of which nine are not native to California, indicating the degraded nature of the site and prevalent urbanization of the immediate surroundings. The survey also identified two reptile, 16 bird and eight mammal species. The presence of California ground squirrels and absence of kit fox and American badger also indicate impaired native habitats onsite due to regional urbanization.

The site survey identified abundant human disturbances onsite, including dirt roads and trails, cross-country vehicle tracks, domestic dog signs (mostly tracks),

dump sites (mostly vegetation), trash and camping debris, and miscellaneous target shooting debris.

Sensitive Plant Species

Desert unicorn-plant is the only state designated special status species identified onsite. It is on the watch list by California Native Plant Society (CNPS) with low degree/immediacy of threats or no threats known. A single seed pod was found in the main channel of Joshua Tree Creek onsite, but no seedling plants were observed. It is likely to occur in active wash areas on the property.

Little San Bernardino Mountains linanthus is a listed plant by CNPS that is rare, threatened, or endangered in California and elsewhere. This diminutive annual plant is extremely difficult to find and requires a focused survey for its detection. This plant is highly likely to occur on the subject property on substrates scoured by Joshua Tree Creek. The County may require a focused survey for the desert unicorn-plant and Little San Bernardino Mountains linanthus to assess potential impacts from future development onsite.

Many other native plant species observed onsite are protected under the San Bernardino County Development Code (Chapter 88.01) and/or the California Food and Agricultural Code (Section 80073), including Joshua tree, Mohave yucca, catclaw acacia, smoke tree, silver cholla, pencil cholla, hedgehog cactus, and beavertail cactus (Exhibit 8). Avoidance and/or mitigation measures, including Tree or Plant Removal Permits per the County Development Code Section 88.01.050, as well as permits for the translocation or removal of Joshua trees from the CDFW would be required if future development onsite could impact Joshua trees, smoke trees and catclaw acacias. The County may also require a Desert Native Plant Assessment to identify the numbers and locations of other protected plants (particularly cacti species) to comply with the California Native Plant Protection Act.

Agassiz's Desert Tortoise

The Mojave population segment of the desert tortoise is federally, and state listed as threatened by the U.S. Fish & Wildlife Service (USFWS) and California Department of Fish and Wildlife (CDFW). The Mojave segment of desert tortoise was further divided into three species based on recent research, and Agassiz's desert tortoise is the threatened species that occurs in the region surrounding the subject property. During the focused USFWS protocol survey conducted by the Project biologist, no tortoise sign was found either onsite or in adjacent areas. Very limited tortoise sign found in the greater area surrounding the subject site suggests that tortoises that might persist near urban development are being extirpated over time. As such, the Project biologist concluded that Agassiz's desert tortoise is absent from the subject property.

There is limited likelihood of desert tortoises entering the site from adjacent vacant desert areas to the north, either to pass through the site or establish temporary residency. However, human uses and disturbances of the site as observed in the site survey have eliminated tortoises from this site, and the isolation due to immediate surrounding human development limits the likelihood of site recolonization by immigrating tortoises.

Therefore, no impacts to tortoises are anticipated on the Project site. However, since the survey was conducted in 2021 and it is not known when development will occur on the site, additional surveys may be required when development is proposed. Regardless of survey results, tortoises are protected under state and federal laws, and incidental take of the tortoises is prohibited without authorization from USFWS and/or CDFW.

Burrowing Owl

Burrowing owl is designated as a California Species of Special Concern by CDFW, as a Bird of Conservation Concern by the USFWS, and is considered Sensitive by the Bureau of Land Management. A habitat assessment was conducted for burrowing owls in 2021 as part of the Project biological resource assessment. The site survey found no sign of burrowing owl, nor any inactive California ground squirrel burrows or tortoise burrows that are suitable for burrowing owls. In addition, no burrowing owls have been reported during previous surveys within an approximately one-mile radius of the Project site. Therefore, burrowing owls are presumed absent from the subject property.

Other Special Status Species

Several other special status bird species have been observed during previous surveys within an approximately one-mile radius of the Project site. Northern harrier is designated as a California Species of Special Concern, but is not likely to forage and unlikely to nest onsite. Both Cooper's hawk and prairie falcon are designated as a Watch List species by CDFW, the latter also a Bird of Conservation Concern by the USFWS. There are no nesting sites but foraging habitat exists for these species throughout the property. Loggerhead shrike and LeConte's thrasher are both designated as a California Species of Special Concern by CDFW and as a Bird of Conservation Concern by the USFWS. For both species, suitable nesting and foraging substrates are common on the subject property. Future development onsite has the potential to adversely affect loggerhead shrikes and LeConte's thrashers, and further study and mitigation will be required at the time that development is proposed.

To avoid impact on nesting birds including loggerhead shrikes and LeConte's thrashers per the California Fish and Game Code and Migratory Bird Treaty Act, CDFW typically requires that vegetation not be removed from a project site between March 15 and September 15. If it is necessary to commence project construction between March 15 and September 15, a qualified biologist should survey all shrubs and structures within the project site for nesting birds, no more than three days prior to clearing. If an active bird nest is located, the plant in which it occurs should be left in place until the birds leave the nest. No construction is allowed near active bird nests of threatened or endangered species.

In summary, the Project will have no impact on any candidate, sensitive or special status species as it proposes a map change (GPA and ZC) only. When future development is proposed on the Project site, the proponent will be required to comply with local and state laws to avoid or mitigate impacts to special status species through focused surveys, permits, and other measures as described above.

b) *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 Wildlife or US Fish and Wildlife Service?*

No Impact. The plant community onsite is Mojavean creosote bush scrub. Although there is more vegetation along the main channel of Joshua Tree Creek onsite, no riparian habitat or any sensitive natural community was identified onsite. No impact will occur as a result of the Project or future development onsite.

c) *Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?*

No Impact. According to the Project biological assessment, the main channel of Joshua Tree Creek was identified in the southern portion of the Project site, but appeared to have shifted north due to alteration from surrounding development. As explained in the Project description and in Section X, the LOMR approved by FEMA in August 2023 confirmed this change. The Project proposes a mapping change only and will have no impact on the creek. If future development proposed on the subject property has the potential to impact the creek, a jurisdictional water delineation will be required, and a 1602 Streambed Alteration Agreement from CDFW is required for all activities that alter streams.

d) *Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?*

No Impact. The Project proposes only a map change and will not impact any wildlife movement or corridors. Although Joshua Tree Creek runs through the site and supports certain native plant species onsite, the subject property does not support and is not suitable for any native or migratory fish or a wildlife nursery site. According to the Countywide Plan Policy Map NR-2 Parks and Open Space Resources, the northern portion of the site falls in the Modeled Habitat Linkage, a statewide network of 850 relatively intact Natural Landscape Blocks connected by 192 Essential Connectivity Areas. However, due to the broad, statewide nature of the Modeled Habitat Linkage map, it may not accurately reflect the conservation value of small local areas. The Project site is vacant and undeveloped, but has been subject to human disturbances that degraded the site. There are vacant lands in the immediate Project vicinity, the largest in area being to the north. However, these vacant lands and the Project site are isolated by surrounding urban development and roadways, and would not qualify as wildlife corridors due to their location, size, and conditions. Even Joshua Tree Creek running through the Project site has been altered and impacted by surrounding development and channelization. No significant impact is anticipated from future development onsite.

e) *Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?*

No Impact. The San Bernardino County Development Code Chapter 88.01 Plant Protection and Management identifies various native desert plants that require a permit from the County prior to removal. Certain native plant species occurring on the Project site are covered under this County regulation, such as Western Joshua trees, smoke trees and catclaw acacias. Western Joshua trees are a state protected species and would require an Incidental Take permit (ITP) issued by the California Department of Fish and Wildlife (CDFW) if western Joshua trees are impacted by future development.

Therefore, there will be no impact on the local policy or ordinance as the Project proposes a GPA and ZC on the subject property only and will not conflict with or change such policy and ordinance. As described in a) above, future development onsite that may impact protected plants would need to implement avoidance and/or mitigation measures including Tree or Plant Removal Permits per the County Development Code Chapter 88.01, and CDFW at the time that development is proposed.

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

No Impact. The Joshua Tree community, including the Project site, is not within a Natural Community Conservation Plan (NCCP) or Habitat Conservation Plan (HCP) that has jurisdiction over private lands. Therefore, the Project and any future development onsite will not conflict with the provisions of an adopted HCP, NCCP, or other approved local, regional or State HCP.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

	Issues	*Potentially Significant Impact*	*Less than Significant with Mitigation Incorporated*	*Less than Significant*	*No Impact*
V.	**CULTURAL RESOURCES** - Would the project:				
a)	Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	☐	☐	☐	☒
b)	Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☐	☐	☐	☒
c)	Disturb any human remains, including those outside of formal cemeteries?	☐	☐	☐	☒

SUBSTANTIATION: (Check if the project is located in the Cultural ☐ or Palaeontologic ☐ Resources overlays or cite results of cultural resource review).

Countywide Plan; Cultural Historical Resources Information System (CHRIS), South Central Coast Information Center, California State University, Fullerton; Submitted Project Materials; Historical/Archaeological Resources Survey Report Assessor's Parcel Number 0602-371-06 Joshua Tree, San Bernardino County, California, prepared by CRM TECH, April 9, 2021

a) *Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?*

No Impact. The proposed GPA and ZC have no potential to impact historic resources, because the Project consists only of a map change, and no development will occur. However, future development proposed on the site, which will be subject to review under CEQA, could impact resources.

Ranchers and miners began to arrive in the Joshua Tree area in the late 1800s, but the modern-day community of Joshua Tree started to take form after the establishment of Desert Queen Ranch, which was founded in 1918 and is now known as Keys Ranch in the boundaries of the Joshua Tree National Park. Homesteaders began settling the area in the 1930s, concurrent with the establishment of the Joshua Tree National Monument. By 1952, the Joshua Tree community had grown almost to its present-day extent, although of lower densities. Today, the Joshua Tree community sees millions of visitors annually, but the year-round population was just under 7,000 as of 2018.

Between February and April 2021, CRM TECH performed a cultural resources study on the Project site to determine whether development on the site would cause a substantial adverse change to any "historical resources," as defined by CEQA, that may exist in or around the Project area. The study included a review of a recently completed proximal

historical/archaeological resources records search, a Native American Sacred Lands File search, historical background research, and an intensive-level field survey.

Due to facility closures and delays during the pandemic at the South Central Coastal Information Center (SCCIC), a records search for the Project site could not be obtained. Instead, the results of a previous records search focused on a property located a half-mile east of the Project area on the north side of Twentynine Palms Highway, were reviewed for information pertaining to the Project area. The prior records search was conducted on January 16 and February 26, 2019 by CRM TECH for previously identified cultural resources and existing cultural resources reports within a one-mile radius of that location. The records search results indicate that the Project area had not been surveyed for cultural resources as of 2019, and no cultural resources had been recorded within Project boundaries. Given the negative findings of the field survey (please see below) and the limited activity in the area surrounding the Project site, it is unlikely that a records search would identify any other resources in the area. In the Project vicinity, two roads outside but adjacent to the southern and eastern Project boundaries had been previously recorded as Sites 36- 010525 (a segment of now Twentynine Palms Highway) and 36-024673 (a segment of Sunset Road) in the California Historical Resources Inventory, respectively. Both roads at the Project location are essentially modern infrastructure elements that retain no historical characteristics to relate to the pre-modern era. Twenty-six other historical/archaeological resources which all dated to the historic period had been recorded farther away but within a half-mile radius of the Project area. Development within the Project site would not impact these historical resources.

The intensive-level field survey produced a negative finding for potential "historical resources," and no buildings, structures, objects, sites, features, or artifacts of prehistoric or historical origin were encountered. Portions of the Project area show signs of past ground disturbance, especially along the drainages, dirt roads, and the adjacent roadways outside the property. There was much refuse observed onsite, which was primarily construction and landscaping waste, as well as a chunk of obsidian discarded amid landscaping debris that shows a worked surface. All of the items appear to be modern or recent in origin, and none of them are of any historical/archaeological interest.

In summary, no potential "historical resources" were previously recorded within the Project area, and none were found during the survey onsite. In addition, no notable cultural features were known to be present within the Project area throughout the historic period. Neither the Project consisting of a map change only (GPA and ZC) nor future development on the subject property would have any impact on historical resources.

b) *Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?*

No Impact. The unincorporated community of Joshua Tree is on the southern edge of the Mojave Desert. Archaeologists have devised chronological frameworks for the region based on artifacts and site types that date back some 12,000 years. The most recent chronology consists of five periods. During the Lake Mojave (ca. 8000-5500 B.C.) sequence, small mobile groups of hunters and gatherers inhabited the Mojave Desert.

These groups continued to inhabit the region during the Pinto Period (ca. 5500-2500 B.C.), and relied more on ground foods, small and large game animals, and the collection of vegetal resources. Distinct cultural changes occurred during the Newberry Period (ca. 1500 B.C.-500 A.D.), when small residential groups moved between select localities, established a geographically expansive land-use pattern, and engaged in long-distance trade. The two ensuing periods, Saratoga (ca. 500-1200 A.D.) and Tecopa (ca. 1200-1770s A.D.), are characterized by seasonal group settlements near accessible food resources and the intensification of the use of plant foods, as evidenced by groundstone artifacts and the evolution of pottery.

Two Native American groups lived near the Project area in recent centuries, the Serrano and the Chemehuevi. The Serrano's homeland was centered in the nearby San Bernardino Mountains but also included lowlands along both flanks of the mountain range. The Chemehuevi traditionally occupied the Mojave Desert east to the Colorado River. The Serrano settled mostly near where flowing water emerged from the mountains, while the Chemehuevi, with fewer people spread over a much wider area, cultivated, gathered, and hunted in the open deserts, but were also known for their agricultural practices. Members of each tribe gathered at important base camps or villages for annual ceremonies and tribal interaction with neighboring groups.

While contact with Europeans may have occurred as early as 1771 or 1772, there was no direct European influence on Serrano and Chemehuevi lifeways until the mission system expanded to the edge of Serrano territory in the 1810s. By the early 20th century, the majority of Serrano and Chemehuevi population was incorporated into the reservation system. Today, most Serrano descendants are found on the San Manuel and the Morongo Indian Reservations, while the Chemehuevi are divided among the Chemehuevi, the Colorado River, and the Morongo Reservations.

On February 2, 2021, CRM TECH submitted a written request to the State of California Native American Heritage Commission (NAHC) for a records search in the commission's Sacred Lands File. NAHC responded in a letter dated February 17, 2021, that Sacred Lands File identified no Native American cultural resources in the Project vicinity. While the absence of specific information does not necessarily indicate the absence of such resources, NAHC recommended that local Native American groups be consulted for further information and provided a referral list of potential contacts. This referral list will assist the County as the lead agency in the ensuing government-to-government consultations under AB 52 and SB 18. CRM TECH also corresponded with the nearby Twentynine Palms Band of Mission Indians on February 2-8, 2021, to notify the tribe of the upcoming archaeological field survey and coordinate tribal participation. A cultural resources specialist from the tribe assisted during the field survey.

As mentioned above in a), the field survey did not identify any archaeological resources on the Project site. CRM TECH recommended no further cultural resources investigation for the Project site unless future development plans undergo such changes as to include areas not covered by this study. The Project proposes a map change only and will have no impact on archaeological resources. Impacts from future development onsite will be analyzed in the CEQA review and mitigation will be required where necessary. Typical mitigation for the Project site would be as follows: If buried cultural materials are

encountered during future earth-moving operations on the subject property, all work within 50 feet of the discovery should be halted or diverted until a qualified archaeologist can evaluate the nature and significance of the finds.

c) *Disturb any human remains, including those outside of formal cemeteries?*

No Impact. The Project proposes a map change only and will have no impact on disturbing human remains. Future development onsite will be subject to State Health and Safety Code Section 7050.5, which states that if human remains are encountered during site disturbance, all activity shall stop until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. The County Coroner must be notified of the find immediately and notify the Native American Heritage Commission (NAHC) if the remains are determined to be prehistoric. NAHC will determine and notify a Most Likely Descendant (MLD), who may inspect the site of the discovery with the landowner's permission within 48 hours of notification by the NAHC. Compliance with the requirements of state and local laws will ensure any potential impact to inadvertent discoveries of human remains due to future site development are reduced to less than significant levels.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

	Issues	*Potentially Significant Impact*	*Less than Significant with Mitigation Incorporated*	*Less than Significant*	*No Impact*
VI.	**ENERGY** – Would the project:				
a)	Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☐	☒
b)	Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☐	☒

SUBSTANTIATION: ***Countywide Plan; Submitted Materials; County of San Bernardino Greenhouse Gas Reduction Plan Update, June 2021***

a) *Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?*

b) *Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?*

No Impact.

The Project proposes a general plan amendment (GPA) and zone change (ZC) on the 40-acre subject property and will not involve any development or energy consumption related to construction or operation. When future development is proposed onsite, its design and construction will be subject to the 2022 Building Energy Efficiency Standards (Energy Code, Title 24, Part 6), which serves to ensure the economical and wise use of energy resources during construction and operational phases.

Southern California Edison (SCE) provides electricity to the community of Joshua Tree, including the Project area. Currently, SCE delivers power to 15 million people in its 50,000-square-mile service area.[1] SCE continues to increase the share of renewable energy such as solar and wind power in its portfolio and runs a diverse portfolio of energy efficiency programs and services that partner with customers to save energy.[2]

Southern California Gas Company (SoCalGas) provides natural gas services to the community of Joshua Tree. SoCalGas currently serves 21.1 million consumers in more than 500 communities. SoCalGas offers various rebates, incentives and assistance programs for customers to improve energy efficiency and conserve energy.

As regional energy providers, SCE and SoCalGas are both committed to increasing efficiency and renewable energy generation and enforce relevant state energy

1 https://www.sce.com/about-us/who-we-are, accessed 10/26/2023.
2 Ibid.

standards. Implementation of the California Energy Code and voluntary energy efficiency and renewable energy programs will ensure that future development onsite is consistent with the goals laid out in the County of San Bernardino Greenhouse Gas Reduction Plan 2021 (GHGRP) update and that no wasteful, inefficient, or unnecessary consumption of energy resources will occur. The proposed GPA and ZC will not conflict with or obstruct a state or local plan for energy efficiency or renewable energy.

The County GHGRP Update was adopted by board of supervisors on September 21, 2021. The County's local GHG reduction strategy includes reduction goals and measures in different emission categories including energy and transportation. Specific measures include urban tree planting, solar installations, and education and outreach to increase energy efficiency in existing buildings, with an emphasis on incentive programs run by the State, SCE, and SoCalGas.

The proposed GPA and ZC will not interfere with evolving fuel efficiency standards nor result in wasteful, inefficient, or unnecessary consumption of transportation energy resources.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

	Issues	*Potentially Significant Impact*	*Less than Significant with Mitigation Incorporated*	*Less than Significant*	*No Impact*
VII.	**GEOLOGY AND SOILS** - Would the project:				
a)	Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
	i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map Issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☐	☒
	ii. Strong seismic ground shaking?	☐	☐	☐	☒
	iii. Seismic-related ground failure, including liquefaction?	☐	☐	☐	☒
	iv. Landslides?	☐	☐	☐	☒
b)	Result in substantial soil erosion or the loss of topsoil?	☐	☐	☐	☒
c)	Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	☐	☐	☒
d)	Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☐	☒
e)	Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	☐	☐	☐	☒
f)	Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☐	☒

SUBSTANTIATION: *(Check ☐ if project is located in the Geologic Hazards Overlay District):* ***Countywide Plan; Submitted Project Materials***

Countywide Plan; Submitted Project Materials

a) *Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:*

i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map Issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42

No Impact. The Joshua Tree community is located within a wedge-shaped fault block known as the "Mojave Block." The Mojave Block is located at the junction of two geomorphic provinces: the Eastern Transverse Ranges Province, a region of low to moderately high mountains that include Joshua Tree National Park, Little San Bernardino Mountains, Pinto Mountains, and several ranges to the southeast; and the Mojave Desert Province, an arid region of alluvial fans, expansive desert plains, dry lakebeds and scattered mountain ranges. The Mojave Block is bounded by the Garlock Fault to the north, the San Andreas fault system to the west and southwest, and the southern Death Valley fault zone, Granite Mountains, and Packard Well faults to the east.

The Project proposes a GPA and ZC on the 40-acre subject property and does not propose any development. The Project will have no impact on geology and soils. The Project site is located outside and south of the Pinto Mountain Fault Zone according to the General Plan Geologic Hazard Overlays Map. No impact will occur on the Project site due to rupture of a known fault.

ii) Strong seismic ground shaking?

No Impact. The Joshua Tree community is in a tectonically active and structurally complex region. Certain areas in the community can be susceptible to a range of geologic hazards, including ground rupture, major ground shaking, slope instability, and collapsible and expansive soils. The Pinto Mountain Fault Zone traverses the community north of the Twentynine Palms Highway. The Project site is not located in the Geologic Hazards Overlay District according to the San Bernardino County Land Use Plan General Plan Geologic Hazard Overlays Map (Joshua Tree North FI22C).

The Project does not propose any development and will have no impact on ground shaking. The Project site is in the highly seismic Southern California region and within the influence of several active or potentially active fault systems. The Project site will be subject to significant ground shaking from nearby and regional faults such as the Pinto Mountain Fault, Eureka Peak Fault, Burnt Mountain Fault, and the San Andreas Fault System. Future development on the Project site will be subject to stringent building requirements including the most recent California Building Code regarding seismic safety design and specifications.

iii) Seismic-related ground failure, including liquefaction?

No Impact. The Project does not propose any development and will have no impact on liquefaction. Liquefaction generally occurs when three conditions are met simultaneously: liquefaction-susceptible soil, groundwater within a depth of 50 feet or less, and strong seismic shaking. The groundwater depth in the Project vicinity is over 100 feet, and risks associated with liquefaction and related hazards would be negligible.

iv) Landslides?

No Impact. The Project does not propose any development and will have no impact on landslides. The Project site is on the desert floor and not near any hills or mountains. There are no signs of slope instability in the form of landslides, rock falls, earthflows or slumps on or near the subject property. There would be no risks associated with slope instability on the Project site.

b) *Result in substantial soil erosion or the loss of topsoil?*

No Impact. The Project does not propose any development and will have no impact on soil erosion or loss of topsoil. Future development proposed on the site will be subject to dust control/PM_{10} management and National Pollutant Discharge Elimination System (NPDES) standards imposed by the county, which will mitigate for potential soil erosion from wind or flooding hazards. The San Bernardino County Development Code Section 85.11.030 requires implementation of best management practices (BMPs) for all construction for erosion control. A Storm Water Pollution Prevention Plan (SWPPP) will also be required for ground disturbance of more than one acre. These standard requirements will ensure no significant impact occurs regarding soil erosion or loss of topsoil.

c) *Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off site landslide, lateral spreading, subsidence, liquefaction or collapse?*

No Impact. The Project does not propose any development and will have no impact on unstable soil or geologic unit. Land subsidence can occur in valleys where extensive groundwater pumping exceeds groundwater recharge. There are no fissures or other surficial evidence of subsidence on or near the Project site. There would be low risks associated with subsidence. As discussed above in a), the Project site is not subject to landslides or liquefaction and related hazards including lateral spreading. Future development proposed onsite would need to undergo CEQA review, including a geotechnical assessment to address soil collapse. Site-specific mitigation measures such as proper excavation, re-compaction, and foundation design will be implemented as needed.

d) *Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?*

No Impact. The Project does not propose any development and will have no impact on expansive soil. The surface soil on the subject property appears to be disturbed and consists of sand and silt. Expansiveness is typically associated with clay content in soil. Future development proposed onsite would need to undergo CEQA review, including a geotechnical assessment to determine the presence of expansive soil and provide mitigation as necessary.

e) *Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?*

No Impact. The Project does not propose any development and will have no impact on the use of septic tanks. There is no sanitary sewer infrastructure in the Project area, and future development proposed on the subject property will need to install septic tanks. The soil suitability for septic tanks will be addressed during the CEQA review for future development, likely through percolation testing.

f) *Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?*

No Impact. The Project does not propose any development and will have no impact on paleontological resources. According to the San Bernardino County General Plan Update Paleontological Resources Technical Report, the flat areas in the East Desert Region of the county, which includes the Project area, consist of alluvial plains of low- to high-sensitivity Younger Alluvium (Q) overlying high-sensitivity Older Alluvium (Qoa). When future development is proposed onsite, a paleontological survey will likely be required before grading to determine the need for paleontological monitoring, consistent with the Countywide Plan Policy CR-2.3.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

	Issues	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant	No Impact
VIII.	**GREENHOUSE GAS EMISSIONS –** Would the project:				
a)	Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☐	☒
b)	Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☐	☒

SUBSTANTIATION:
Countywide Plan; Submitted Project Materials; County of San Bernardino Greenhouse Gas Reduction Plan Update, June 2021; San Bernardino County Regional Greenhouse Gas Reduction Plan, March 2021

a) *Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?*

b) *Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?*

a), b) No Impact. The Project proposes a GPA and ZC on the 40-acre subject property and will not generate any development or greenhouse gas emissions. The proposed GPA and ZC will not conflict with any state and local plan, policy and regulation aimed at reducing GHG emissions.

Greenhouse gases (GHG), including carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), and fluorinated gases (hydrofluorocarbons, perfluorocarbons and sulfur hexafluoride), are released into the atmosphere through natural and anthropogenic processes. The significant increase of GHG emissions post-industrialization is associated with climate change, and carbon dioxide is the primary GHG of most concern due to current and projected emission levels.

In 2006, the California legislature passed Assembly Bill (AB) 32, which set a goal to reduce state-wide GHG emissions to 1990 levels by 2020. In 2016, Senate Bill (SB) 32 expanded upon AB 32 and mandates a 40% reduction in GHG emissions from 1990 levels by 2030. The San Bernardino County Regional Greenhouse Gas Reduction Plan was developed in March 2021 in response to the state initiatives. The regional plan is a joint effort of the 25 Partnership Cities of San Bernardino County, led by the San Bernardino Council of Governments (SBCOG), and includes a GHG emissions inventory and an evaluation of reduction measures that could be adopted by each partnership jurisdiction. The 25 Partnership jurisdictions included 24 cities in the county and the County of San Bernardino which covers all unincorporated areas including the Joshua Tree community. According to the regional plan, the unincorporated San

Bernardino selected a goal to reduce its community GHG emissions to a level that is 40% below its 2020 GHG emissions level by 2030. The area will meet and exceed this goal through a combination of state (~80%) and local (~20%) efforts, and the majority of emissions reductions are in the building energy and on-road transportation sectors. Each partnership jurisdiction may develop its own customized and comprehensive climate action plan based on the jurisdiction reduction plans developed in the regional plan.

The GHGRP Update was adopted by the board of supervisors on September 21, 2021. The GHGRP Update set a target for the year 2030 to reduce emissions to 40 percent below 2007 levels. The GHGRP Update provides local reduction measures that aim at energy efficiency, water conservation, alternative transportation, solid waste reduction, and clean energy.

As discussed in Section VI, Energy, future development proposed onsite will be subject to the 2022 (2025, if development takes place after January 1, 2026) Building Energy Efficiency Standards (Energy Code, Title 24, Part 6), which serves to ensure energy efficiency during construction and operation, thereby reducing GHG emissions. Regional energy providers, SCE and SoCalGas also run voluntary energy efficiency and renewable energy programs and enforce relevant state energy standards which help reduce GHG emissions. Implementation of the California Energy Code and voluntary utility programs will ensure that future development onsite is consistent with the GHG reduction goals set forth in the County GHGRP Update. When future development is proposed on the subject property, the County will undertake CEQA review and assess potential impacts on greenhouse gas emissions with regards to GHG thresholds set by MDAQMD.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

	Issues	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant	No Impact
IX.	**HAZARDS AND HAZARDOUS MATERIALS –** Would the project:				
a)	Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☐	☒
b)	Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☐	☒
c)	Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	☒
d)	Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☐	☒
e)	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☒
f)	Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
g)	Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☐	☒

SUBSTANTIATION:

Countywide Plan; Submitted Project Materials; California Department of Forestry and Fire Protection's Fire and Resource Assessment Program (FRAP); Phase I Environmental Site Assessment Report 37.57-Acre Vacant Parcel Twentynine Palms Highway and Sunset Road Joshua Tree, San Bernardino County, California, prepared by Alta Environmental on May 25, 2021

a) *Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?*

b) *Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?*

c) *Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?*

a)-c) No Impact. The Project proposes a GPA and ZC on the subject property and will have no impact on hazards or hazardous materials. The GPA and ZC would only change the acreage of residential/commercial designations on-site, but would not change the type or density of development allowed onsite by the Countywide Plan and Development Code.

The analysis provided in this section is supported by the Phase I Environmental Site Assessment (ESA) Report prepared by Alta Environmental on May 25, 2021 (see Appendix C).

The Project site has been undeveloped as early as 1948. Small amounts of wind-blown trash or litter were observed throughout the site and along the site perimeter. Based on the nature of these wastes, they are not considered to represent a recognized environmental condition (REC). No evidence of a Controlled REC, historic REC, REC, or VEC in connection with the site was identified during the Phase I ESA. No further assessment is recommended for the subject property.

Future development onsite will be required to assess potential impacts as part of the CEQA process, but it would be unlikely to have significant impacts since residential and commercial development typically do not involve significant use, storage or transport of hazardous materials.

The closest school to the Project site is the Joshua Tree Preschool, located approximately 0.31 miles to the southeast. There is no existing or proposed school within ¼ miles of the Project site, and no impact will occur.

d) *Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?*

No Impact. According to the Phase I ESA for the Project site, the site is not included on any list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. No impact will occur.

e) *For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?*

No Impact. The Project proposes a map change only and no development. The Project will not result in more people working or residing in the area.

The nearest airport to the Project site is the Yucca Valley Airport, located approximately 5.2 miles to the southwest. The Project site is located well outside the noise contour of Yucca Valley Airport according to its Airport Comprehensive Land Use Plan (1992). The Project site is located within the low-altitude/high speed military airspace (Airport Safety Review Area 4 [AR4]). When future development is proposed onsite, an Avigation Easement shall be granted to the appropriate military agency and recorded before the issuance of a building permit for those uses established within an AR4 per the County Development Code Chapter 82.09.

Compliance with the standard requirements and CEQA review will ensure that no significant impact occurs regarding safety hazard or excessive noise for people residing or working in the Project area.

f) *Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?*

No Impact. The proposed GPA and ZC on the Project site will not impair implementation of or physically interfere with any adopted emergency response plan or emergency evacuation plan. When future development is proposed on the Project site, adequate on-site access for emergency vehicles would be verified by the Fire Department during the County's plan review process. During construction, the contractor would be required to maintain adequate emergency access for emergency vehicles as required by the County.

g) *Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?*

No Impact. As discussed in detail in Section XX, Wildfire, the Project site is located in a local responsibility area and not in or near any fire hazard severity zones according to the FRAP maps by CalFire. The Project area is on the desert floor, not near forested areas or any significant vegetation. No impact will occur regarding wildland fires on the Project site.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

	Issues	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant	No Impact
X.	**HYDROLOGY AND WATER QUALITY -** Would the project:				
a)	Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☐	☒
b)	Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☐	☒
c)	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
	i. result in substantial erosion or siltation on- or off-site;	☐	☐	☐	☒
	ii. substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or offsite;	☐	☐	☐	☒
	iii. create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of runoff; or	☐	☐	☐	☒
	iv. impede or redirect flood flows?	☐	☐	☐	☒
d)	In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	☐	☐	☐	☒
e)	Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	☐	☐	☐	☒

SUBSTANTIATION:

Countywide Plan; Submitted Project Materials; 2020 Urban Water Management Plan for Joshua Basin Water District, September 2022; Joshua Basin Water District Wastewater Treatment Strategy, June 2009; Joshua Tree Creek San Bernardino County, CA Letter of Map Revision January 2021, prepared by NV5 and approval documents by Federal Emergency Management Agency, March 21, 2023

a) *Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?*

b) *Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?*

e) *Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?*

a), b), e) No Impact. The Project proposes a GPA and ZC on the 40-acre subject property and does not propose any development. The Project will have no impact on surface or ground water quality, nor violate any water quality standards or wastewater discharge requirements. The proposed map change onsite will have no impact on groundwater supplies or recharge and will not impede sustainable groundwater management, nor conflict with a water quality control plan or sustainable groundwater management plan.

Joshua Basin Water District (JBWD) provides domestic water and wastewater treatment services in the Joshua Tree community. The District's primary water source is groundwater from the Copper Mountain Valley and Joshua Tree subbasins that contain over 600,000 acre-feet of water. JBWD manages the Joshua Tree and Copper Mountain groundwater subbasins under its 1996 Groundwater Management Plan (GWMP). Neither of the subbasins are adjudicated and both are rated as very low priority basins under the Sustainable Groundwater Management Act. JBWD's management activities include water conservation measures, groundwater monitoring, water export prevention, groundwater contamination prevention/response, a replenishment assessment, and continued coordination with regional partners including the Mojave Water Agency.

In 2014, JBWD began receiving State Water Project (SWP) water from Mojave Water Agency, averaging 600 acre-feet per year. JBWD's 2020 Urban Water Management Plan (UWMP) indicates that adequate water supplies are available to meet customer demands through 2045 during average, single-dry, and multiple-dry years. While during dry years the groundwater basin will continue to be "overdrafted" to meet the supplies due to the lack of imported supplies to recharge the basin, the planned imported SWP supply will lessen and offset the overdraft as much as possible.

JBWD's wastewater function is currently limited to the operation of wastewater package treatment plants and planning and engineering related to regional wastewater service. In 2009, JBWD adopted a Wastewater Treatment Strategy to plan for a long-term and regional approach to protecting local groundwater. The Strategy requires new development with more than 15 equivalent dwelling units within the wastewater zone (approximately 35 square miles along the Twentynine Palms Highway corridor) to install package wastewater treatment plants that will be owned and operated by the District. Current development trend in the JBWD service area does not justify economical use of a central wastewater treatment plant at least in the near future.

When future development is proposed on the Project site, it would be subject to the County's NPDES permit which requires a Stormwater Pollution Prevention Plan (SWPPP) and implementation of Best Management Practices (BMPs) to prevent project-related pollutants from impacting surface waters. The County and JBWD implement all water quality standards and waste discharge requirements to prevent contamination of water sources during construction and operation. Future development on the Project site will likely require septic tanks or package treatment plants (for over 15 equivalent dwelling units), which will be monitored and regulated by JBWD and the RWQCB to ensure they do not pollute the groundwater basin.

As part of the CEQA review for future development onsite, water demand will be analyzed in the context of JBWD's 2020 UWMP. The 2020 UWMP indicated adequate water supplies to serve projected growth in JBWD's service area through 2045. While the proposed GPA and ZC would change the acreage of the residential and commercial designations onsite, it would not change the total area, type or density of development allowed onsite by the existing land use and zoning designations. Therefore, future development with the Project approval is expected to be in general conformance with projections in the UWMP.

c) *Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:*

   i. Result in substantial erosion or siltation on- or off-site;
   ii. Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on or offsite;
   iii. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of runoff; or
   iv. Impede or redirect flood flows?

d) *In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?*

c), d) No Impact. The Project proposes a map change on the subject property only and does not involve any construction or development. There will be no impact on the existing drainage pattern of the site or area, or risk of pollutant release due to Project inundation. The Project site is inland and not near any large water body; therefore, the site is not subject to tsunami or seiche hazards.

In conjunction with reviewing the proposed GPA and ZC, the County acknowledged a LOMR (Appendix D) approved by FEMA in August 2023 that included floodway and floodplain revisions in the Project area. The LOMR was prepared using new mapping and modeling tools and updated topographic data that reflect alterations of Joshua Tree Creek in the Project area due to surrounding development. Before the LOMR, as shown in the previous FEMA Flood Insurance Rate Map (FIRM) No.06071C8140J (effective date of September 2, 2016), the area designated as regulatory floodway was located on the southern portions of the site (see 'Effective Floodway' in Exhibit 6). Comparing Exhibits 4 to 6, the area for potential commercial development outside the designated

floodway before the LOMR was very limited in the southeast corner of the site. The LOMR confirmed that the creek had migrated north approximately 460 feet and now runs diagonally through the site (Exhibit 7). Within the Project site, the regulatory floodway moved up to a diagonal alignment (southwest to northeast) in the center of the site, which increases the developable area on the southeast side of the site. Therefore, the LOMR supports the proposed GPA and ZC, which would expand the commercial land use category and zoning district to match the general developable area on the southeast side of the site, allowing more space for congruent planning and development.

Under the current FEMA FIRM No.06071C8140J (Exhibit 7), within the Project site, areas designated as Zone X include the northwestern portion of the site (Area of Minimal Flood Hazard), a small area in the southeast corner (Area with Reduced Flood Risk due to Levee), and a thin strip north of the floodway (0.2 Percent Annual Chance Flood Hazard). The remaining is designated as Zone AE, including the creek in the diagonal (Regulatory Floodway), a small portion on the north side of the floodway and the majority of the southeastern portion (Special Flood Hazard Area with Base Flood Elevation). When future development is proposed onsite, potential flooding risk and related impacts will be analyzed during the CEQA review, and mitigation measures will be implemented where necessary. A common strategy for new construction in the 100-year floodplain (Special Flood Hazard Area with Base Flood Elevation) is to raise the foundation to provide flood-resistant design. Future development on the Project site will be subject to County requirements, including NPDES standards, which require the preparation of water quality management plans, hydrology studies and SWPPP with BMPs. Compliance with these standard requirements will ensure compliance with local and federal standards and prevent any significant impact regarding erosion/siltation, increased runoff, flood flows and pollutant release.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

	Issues	*Potentially Significant Impact*	*Less than Significant with Mitigation Incorporated*	*Less than Significant*	*No Impact*
XI.	**LAND USE AND PLANNING** - Would the project:				
a)	Physically divide an established community?	☐	☐	☐	☒
b)	Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	☒	☐

SUBSTANTIATION:

Countywide Plan; Submitted Project Materials

a) *Physically divide an established community?*

No Impact. The Project proposes a GPA and ZC on the 40-acre subject property and does not propose any development. The Project site is currently vacant and undeveloped, surrounded by public roadways on the east and south, and similar vacant land and two apartment complexes on the north and west. The two apartment complexes on the west and north of the Project site operate independently and will not be physically divided by future development on the Project site. No impact will occur.

b) *Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?*

Less Than Significant Impact. The Project site is in the unincorporated community of Joshua Tree and under the jurisdiction of San Bernardino County for land use and planning. The Countywide Plan designates land use categories, and the County Development Code designates zoning districts. The Land Use Element in the Countywide Plan includes principles such as:

- *When growth occurs, it should do so in a manner that is fiscally sustainable and context-sensitive.*
- *New development should be focused in areas with low risks from natural and man-made hazards, and with fewer impacts on the natural environment.*

The Project site occupies 40 gross acres of undeveloped land in the unincorporated community of Joshua Tree in San Bernardino County. The Project site is currently dual-zoned for Joshua Tree/Multiple Residential (JT/RM) and Joshua Tree/General Commercial-Sign Control Primary (JT/CG-SCp), for 33 and 7 acres, respectively. There are currently two land use categories within the site according to the Countywide Plan, Medium Density Residential 5-20 du/ac (MDR) and Commercial (C). The boundary

between the land use categories is the same as that between the two zoning districts. Under existing designations (Exhibit 4 and 5), the southeast portion (7 acres) is designated for commercial development, and the remainder of the site (33 acres) is designated for residential development.

The proposed GPA and ZC would adjust the boundary between the commercial and residential designations within the Project site to be coterminous with the location of Joshua Tree Creek, and result in an increase in area under the Commercial land use category and JT/CG-SCp zoning district from 7 acres to 16 acres and a decrease in the area under the MDR land use category and JT/RM zoning from 33 acres to 24 acres on the site. While the Project would change the acreage of the residential and commercial designations onsite, it would not change the total area, type or density of development allowed onsite by the Countywide Plan and Development Code.

As shown in Table 3, under existing land use designations, full buildout of the Project site would result in a maximum of 660 dwelling units and 152,460 square feet of commercial development. With the proposed GPA and ZC, full buildout of the Project site would result in a maximum of 480 dwelling units and 348,480 square feet of commercial development. While the Project could result in a reduction of 180 units at full buildout, these 180 units would be in the southeast portion of the site which is designated as Zone AE (Special Flood Hazard Area with Base Flood Elevation, commonly referred to as 100-year floodplain) (Exhibit 4, 5, & 7). The Countywide Plan Policy HZ-1.2 New development in environmental hazard areas requires all new development to be located outside of the environmental hazard areas including the 100-year flood zone. Policy HZ-1.2 also states that “For any lot or parcel that does not have sufficient buildable area outside of such hazard areas, we require adequate mitigation, including designs that allow occupants to shelter in place and to have sufficient time to evacuate during times of extreme weather and natural disasters.” In the subject property’s case, future residents in the 180 units would be subject to higher housing costs due to the required design and mitigation and still be subject to higher flood risk. Given the circumstances, it is reasonable to assume the 180 ‘lost’ units in the 100-year floodplain onsite could be replaced elsewhere in the community with lower flood risk and housing costs.

Table 3. Existing and Proposed Full Buildout of the Project Site		
Land Use Category / Zoning District	Medium Density Residential 5-20 du/ac (MDR) / Joshua Tree/Multiple Residential (JT/RM)	Commercial (C) / Joshua Tree/General Commercial-Sign Control Primary (JT/CG-SCp)
Existing Full Buildout	33 acres at 5-20 units per acre = 165-660 units	7 acres at 0.5 floor-area ratio = 152,460 square feet
Proposed Full Buildout	24 acres at 5-20 units per acre = 120-480 units	16 acres at 0.5 floor-area ratio = 348,480 square feet

In addition, as discussed in detail in Section X above, the proposed GPA and ZC would be supported by the FEMA-approved LOMR, and provides a buffer and separation between future residential and commercial development. The Project would expand the commercial designation onsite to largely match the developable area on the southeast side of the site, in turn allowing more space for congruent planning and development onsite. As discussed throughout this initial study, the Project would achieve the same goal of avoiding or mitigating any environmental effect as the existing designations onsite, and thus would not cause a significant impact due to a conflict with the Countywide Plan and Development Code.

	Issues	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant	No Impact
XII.	**MINERAL RESOURCES** - Would the project:				
a)	Result in the loss of availability of a known mineral resource that will be of value to the region and the residents of the state?	☐	☐	☐	☒
b)	Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	☐	☐	☐	☒

SUBSTANTIATION: *(Check ☐ if project is located within the Mineral Resource Zone Overlay):*

Countywide Plan; Submitted Project Materials

a) *Result in the loss of availability of a known mineral resource that will be of value to the region and the residents of the state?*

b) *Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?*

a), b) No Impact. The Project site is located in the unincorporated community of Joshua Tree. The County prioritizes the conservation of land area with mineral resources in areas classified as Mineral Resource Zone (MRZ) 2a, 2b, or 3a (Countywide Plan Policy NR- 6.1). The Countywide Plan Policy Map NR-4 Mineral Resource Zones maps mineral resource zones (Class 2 - known or highly likely location and Class 3 - moderate potential or possible location) for Contact Metasomatic (Skarns), Industrial Minerals, Hydrothermal Deposits, and Aggregate Resources. The Joshua Tree community is not located in any study area in the California Geological Survey Information Warehouse: Mineral Land Classification by the Department of Conservation. According to the Countywide Plan Policy Map NR-4 Mineral Resource Zones, there are no Class 2 or 3 mineral resource zones in Joshua Tree, including the Project site. Therefore, no impact will occur regarding the loss of availability of a known mineral resource.

The web version of the Countywide Plan Policy Map NR-4 also shows county mines, processing plants, current and past producers. There are no mines in the Project area, nor any land designated for mining uses. The Project will have no impact on any mineral resource recovery site.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

	Issues	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant	No Impact
XIII.	**NOISE** - Would the project result in:				
a)	Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	☐	☒
b)	Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	☐	☒
c)	For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	☒

SUBSTANTIATION: *(Check if the project is located in the Noise Hazard Overlay District ☐ or is subject to severe noise levels according to the General Plan Noise Element ☐):*

Countywide Plan; Submitted Project Materials

a) *Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards*

b) *Generation of excessive groundborne vibration or groundborne noise levels?*

a), b) No Impact. The Project site is in a suburban area in the Joshua Tree community, with primary noise sources including traffic on surrounding roadways, mechanical equipment such as heating/ventilation/air conditioning (HVAC) units, trash pickup trucks, and parking lot activity. According to the Countywide Plan Policy Map HZ-7 & HZ-8 Existing & Future Noise Contours, portions on the south and east side of the subject property fall within the 60, 65, and 70 CNEL noise contours of Twentynine Palms Highway and Sunset Road under existing and future conditions.

The Project proposes a GPA and ZC on the 40-acre subject property and does not propose any development. The Project will have no impact on noise. When future development is proposed onsite, noise impacts will be analyzed during the CEQA review and building permit processes. The County will require the preparation of site-specific noise studies to assess impacts from roadway noise, as appropriate. Should noise levels

on the Project site require mitigation, there are a variety of means such as noise attenuation walls, setback from roadways, and landscape buffers. It should be noted that the GPA and ZC increase the distance from the primary noise source, Twentynine Palms Highway, for most of the residentially designated land, thereby providing a buffer for future sensitive receptors who would occupy the residential units in the northern part of the site.

Future development on the Project site would include construction and create temporary noise sources. The County's Development Code imposes noise and vibration standards and limits construction hours to the less sensitive day time hours (Section 83.01.080 and 83.01.090). Future development onsite will be reviewed under CEQA to determine whether their construction impacts will impact neighboring development.

c) *For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project expose people residing or working in the project area to excessive noise levels?*

No Impact. The Project proposes a map change only and no development on the subject property. The Project will not result in more people working or residing in the area. The nearest airport to the Project site is the Yucca Valley Airport, located approximately 5.2 miles to the southwest. The Project site is located well outside the noise contour of Yucca Valley Airport according to its Airport Comprehensive Land Use Plan (1992).

The Project site is located within the low-altitude/high speed military airspace (Airport Safety Review Area 4 [AR4]). When future development is proposed onsite, an Avigation Easement shall be granted to the appropriate military agency and recorded before the issuance of a building permit for those uses established within an AR4 per the County Development Code Chapter 82.09. Compliance with the standard requirements and CEQA review will ensure that no significant impact would occur regarding excessive noise exposure for people residing or working in the Project area.

Therefore, no impacts are identified or anticipated, and no mitigation measures are required.

	Issues	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant	No Impact
XIV.	**POPULATION AND HOUSING** - Would the project:				
a)	Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	☐	☐	☐	☒
b)	Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

SUBSTANTIATION:

Countywide Plan; Submitted Project Materials; United States Census Bureau.

a) *Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?*

No Impact. The U.S. Census Bureau publishes data on the Joshua Tree Census Designated Place (CDP), which includes the core populated area (southeastern potion) of the Joshua Tree Community Planning Area on the Countywide Plan Policy Map LU-1 Land Use Map. According to the Decennial Census data, in 2020, the population in Joshua Tree CDP was 6,489 and there were 3,745 housing units.

The Project proposes a GPA and ZC on the 40-acre subject property and does not propose any development. The proposed GPA and ZC would reduce the area designated for residential development and increase the area designated for commercial development onsite. Therefore, the population at full buildout would be smaller compared to that under the existing land use designations. The Project would not induce unplanned population growth either directly or indirectly. No impact would occur.

b) *Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?*

No Impact. The Project site is vacant and undeveloped. The Project proposes no development and would not displace any existing people or housing. No impact would occur.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

	Issues	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant	No Impact
XV.	**PUBLIC SERVICES**				
a)	Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
	Fire Protection?	☐	☐	☐	☒
	Police Protection?	☐	☐	☐	☒
	Schools?	☐	☐	☐	☒
	Parks?	☐	☐	☐	☒
	Other Public Facilities?	☐	☐	☐	☒

SUBSTANTIATION:

Countywide Plan; Submitted Project Materials

a) *Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:*

Fire Protection?
Police Protection?
Schools?
Parks?
Other Public Facilities?

No Impact. The Project proposes a GPA and ZC on the subject property and does not propose any development. The Project will have no impact on public services. Future development proposed on the Project site will be assessed under CEQA, to determine whether it will impact public services. The area surrounding the Project site is partially developed and in an area that already receives public services.

San Bernardino County Fire Protection District provides fire protection, first response, emergency medical services, and natural disaster preparedness services in the Joshua Tree community. San Bernardino County Fire Station 36 is the nearest fire station to the Project site, located approximately 0.32 miles to the southeast. The Project site is not located within a State Responsible Area or Very High Fire Hazard Severity Zone (VHFHSZ) mapped by the California Department of Forestry and Fire Protection (CalFire).

San Bernardino County Sheriff's Department provides police protection in the Joshua Tree community. Morongo Basin Patrol Station is the nearest police station to the Project site, located approximately 2.43 miles to the east.

The Morongo Unified School District (MUSD) serves the Joshua Tree community and has eleven elementary schools, two middle schools, two comprehensive high schools, one continuation high schools, two state preschool programs, and a special education preschool program.

Future development will be required to meet County design standards for adequate access by emergency vehicles and comply with all applicable fire code and ordinance requirements for construction and site access. Future development projects will be required to pay development impact fees, including school impact fees, which would support the provision of public services and facilities.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

	Issues	*Potentially Significant Impact*	*Less than Significant with Mitigation Incorporated*	*Less than Significant*	*No Impact*
XVI.	**RECREATION**				
a)	Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility will occur or be accelerated?	☐	☐	☐	☒
b)	Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☐	☒

SUBSTANTIATION:

Countywide Plan; Submitted Project Materials

a) *Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility will occur or be accelerated?*

b) *Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?*

a), b) No Impact. The Joshua Tree Recreation and Parks District (County Service Area 20 or CSA20) oversees four parks, three ball fields, one recreation center building, a water playground, a skateboard park, and a 12,000 sq. ft. community center in the Joshua Tree community. The community is also the gateway to Joshua Tree National Park, which offers ample opportunities for hiking, camping, photography, rock climbing, and sightseeing in the 800,000-acre desert wilderness.

The Project proposes a GPA and ZC on the 40-acre subject property and involves no development. There will be no impact on recreational facilities. Future development may contribute to CSA20 through payment of fees, special taxes or assessments, which would cover the additional costs associated with providing parks and recreational services. These issues will be reviewed under CEQA as future development projects are proposed.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

	Issues	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant	No Impact
XVII.	**TRANSPORTATION** – Would the project:				
a)	Conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	☐	☐	☐	☒
b)	Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3 subdivision (b)?	☐	☐	☐	☒
c)	Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☐	☒
d)	Result in inadequate emergency access?	☐	☐	☐	☒

SUBSTANTIATION:

Countywide Plan; Submitted Project Materials

a) *Conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?*

No Impact. The Project proposes a GPA and ZC on the 40-acre subject property and involves no development. The Project will have no impact on transportation. Future development proposed on the Project site will be required to address its traffic impacts in the CEQA review process.

Countywide Plan Mobility Element Policy TM-1.1 supports a Level of Service (LOS) of C in the North and East Mountain Regions, in which the Project site is located. The development which could occur under the Project would generate additional commercial trips, but reduced residential trips. Since the type and density of development is not known at this time, it would be entirely speculative to predict trip generation for either the residential or commercial portions of the Project site. A Transportation Impact Analysis (TIA) will be required per the County Transportation Impact Study Guidelines if the development would generate a net increase of 100 or more peak hour vehicle trips (without pass-by reductions). The TIA will include mitigation measures where necessary, including fair share contributions.

There are existing bike lanes on Highway 62, immediately east of the Project site. When development occurs, it will be required to extend these bike lanes along the Project frontage, consistent with County requirements.

Morongo Basin Transit provides bus service to the community of Joshua Tree. Existing service on route #1 includes a stop at Park Boulevard, east of the Project site. As the community develops, including the Project site, additional stops will be provided to support ridership.

b) *Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3 subdivision (b)?*

No Impact. Under SB 743, CEQA Guidelines Section 15064.3 was amended December 2018, stating that vehicle miles traveled (VMT) is the most appropriate measure of transportation impacts. A lead agency may use models or other methods to analyze a project's VMT quantitatively or qualitatively. To comply with CEQA, the County of San Bernardino adopted analytical procedures, screening tools, and impact thresholds for VMT, which are documented in the San Bernardino County Transportation Impact Study Guidelines (July 9, 2019).

The proposed GPA and ZC will have no impact on VMT. The development of residential and commercial projects in the future will require a VMT analysis. At the time that a development is proposed, its impact on regional VMT will be analyzed, to assure that if any significant VMT impacts were to occur, they could be reduced to less than significant levels. It should be noted, however, that the adjacency of residential and commercial land uses, as currently existing and proposed for the Project site, tends to reduce VMT because of the synergistic relationship between where people reside and where they work and shop.

c) *Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?*

d) *Result in inadequate emergency access?*

c), d) No Impact. The GPA and ZC will only result in a map change, and no development will occur. Future development will be subject to County standards regarding roadway improvements, parking, and emergency access, either through CEQA or through conditions of approval.

The Project site is in the established street system of the community and region, and future development is not expected to interfere with the system.

Future development on the Project site will be required to meet County design standards for adequate access by emergency vehicles and comply with all applicable fire code and ordinance requirements for geometric design and site access.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

Issues	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant	No Impact
XVIII. TRIBAL CULTURAL RESOURCES				
a) Would the Project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	☐	☐	☐	☒
ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe?	☐	☐	☐	☒

SUBSTANTIATION:

Countywide Plan; Cultural Historical Resources Information System (CHRIS), South Central Coast Information Center, California State University, Fullerton; Submitted Project Materials; Historical/Archaeological Resources Survey Report Assessor's Parcel Number 0602-371-06 Joshua Tree, San Bernardino County, California, prepared by CRM TECH, April 9, 2021

Would the Project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

a)

i. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or

ii. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe?

i), ii) No Impact. As discussed in Section V Cultural Resources, the Mojave Desert, including the Joshua Tree community, was home to the Serrano and the Chemehuevi Native Americans for centuries. Today, most Serrano descendants are affiliated with the San Manuel and the Morongo Indian Reservations, while the Chemehuevi are divided among the Chemehuevi, the Colorado River, and the Morongo Reservations.

As described in detail in Section V above, between February and April 2021, CRM TECH submitted a written request to the State of California Native American Heritage Commission (NAHC) for a records search in the commission's Sacred Lands File. NAHC responded that Sacred Lands File identified no Native American cultural resources in the Project vicinity. While the absence of specific information does not necessarily indicate the absence of such resources, NAHC recommended that local Native American groups be consulted for further information and provided a referral list of potential contacts. CRM TECH also corresponded with the nearby Twentynine Palms Band of Mission Indians to notify the tribe of the upcoming archaeological field survey and coordinate tribal participation. A cultural resources specialist from the tribe assisted during the field survey.

The County is conducting formal government-to-government consultation with tribes under AB 52 and SB 18. As a result of that consultation effort, the County received one email from the Yuhaaviatam of San Manuel Nation, requesting a copy of the cultural resources study, which was provided. Consultation is ongoing, and any requests for mitigation will be added to this initial study or as conditions of approval. However, it is important to note, as described in Section V., the proposed Project will not include any ground disturbance, and future development will be subject to future CEQA review, and mitigation as needed for project-specific impacts.

Therefore, no impacts are identified or anticipated and no mitigation measures are required at this time.

	Issues	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant	No Impact
XIX.	**UTILITIES AND SERVICE SYSTEMS -** Would the project:				
a)	Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	☐	☒
b)	Have sufficient water supplies available to serve the Project and reasonably foreseeable future development during normal, dry and multiple dry years?	☐	☐	☐	☒
c)	Result in a determination by the wastewater treatment provider which serves or may serve the Project that it has adequate capacity to serve the Project's projected demand in addition to the provider's existing commitments?	☐	☐	☐	☒
d)	Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	☐	☒
e)	Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	☐	☒

SUBSTANTIATION:

Countywide Plan; Submitted Project Materials

a) *Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?*

b) *Have sufficient water supplies available to serve the Project and reasonably foreseeable future development during normal, dry and multiple dry years?*

a), b) No Impact. The Project proposes a GPA and ZC on the 40-acre subject property and involves no development. The Project will have no impact on utilities. Future

development proposed on the Project site will consider utilities as part of the CEQA and land use application process. The provision of domestic water and wastewater treatment services has been analyzed by the JBWD as part of their long-range planning, accounting for local population growth and development trends in the Project area.

As discussed in Section X, Hydrology and Water Quality, future development on the Project site will be required to meet County requirements on stormwater management and avoid adverse impacts on the public drainage system.

The energy and telecommunication utility providers update their plans to serve future demands in their jurisdictions, which will ensure adequate system capacity to meet the growing needs of the Joshua Tree community.

Because JBWD has sufficient capacity, or can expand services to accommodate development and impacts will be assessed for individual development project on utility services, no significant impact is expected.

c) *Result in a determination by the wastewater treatment provider which serves or may serve the Project that it has adequate capacity to serve the Project's projected demand in addition to the provider's existing commitments?*

No Impact. The Project proposes a GPA and ZC on the 40-acre subject property and involves no development. The Project will have no impact on wastewater. As there is no sewer system in the Project area, future development onsite will need to install septic tanks or package treatment plants depending on the size of the development. The impacts associated with those systems will be assessed when development is known and can be quantified.

d) *Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?*

e) *Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?*

d), e) No Impact. The Project proposes a GPA and ZC on the 40-acre subject property and involves no development. The Project will have no impact on solid waste disposal. Future residential and commercial customers on the Project site will be assessed a per unit/account fee for solid waste service provided by Burrtec. The transfer stations and landfills in the region currently have sufficient capacity to accommodate future development. Future development on the Project site will be required to analyze demand and capacity for solid waste disposal as part of the CEQA process.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

	Issues	*Potentially Significant Impact*	*Less than Significant with Mitigation Incorporated*	*Less than Significant*	*No Impact*
XX.	**WILDFIRE:** If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a)	Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☒
b)	Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from wildfire or the uncontrolled spread of a wildfire?	☐	☐	☐	☒
c)	Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water resources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	☐	☒
d)	Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	☐	☒

SUBSTANTIATION:

Countywide Plan; Submitted Project Materials; California Department of Forestry and Fire Protection's Fire and Resource Assessment Program (FRAP)

a) *Substantially impair an adopted emergency response plan or emergency evacuation plan?*

b) *Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from wildfire or the uncontrolled spread of a wildfire?*

c) *Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water resources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?*

d) *Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?*

a)-d) No Impact. The proposed GPA and ZC will have no impact on wildfire hazards, as no development is proposed.

The California Department of Forestry and Fire Protection (CalFire) has mapped areas of significant fire hazards in the state through its Fire and Resource Assessment Program (FRAP). FRAP maps classify lands within State Responsibility Areas (SRA) into different Fire Hazard Severity Zones (FHSZ), using a hazard scoring system for factors such as existing and potential fuel (natural vegetation), fire history, terrain, and typical fire weather for the area where urban conflagration could result in catastrophic losses. The subject property is designated as a local responsibility area, not located in or near an SRA or area designated as a very high fire hazard severity zone (VHFHSZ).

According to the FRAP maps by CalFire, SRA in the Joshua Tree community is limited to the southern portions near Joshua Tree National Park. There is no VHFHSZ in the urban area. The nearest VHFHSZ is located approximately 2.7 miles to the southwest of the Project site. The nearest SRA is located approximately one mile to the south, which is classified as a moderate fire hazard severity zone. The Project area is on the desert floor, not near forested areas or any significant vegetation. The Project area is not at high risk for wildfire, and thus also not at risk for spread of wildfire, or for slope instability, flooding or landslides. Therefore, there is no need for installation or maintenance of infrastructure that could exacerbate fire risk. Given the distance from the nearest SRA and VHFHSZ and area conditions, future development resulting from the Project will have no impact associated with wildfires.

Therefore, no impacts are identified or anticipated and no mitigation measures are required.

	Issues	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant	No Impact
XXI.	**MANDATORY FINDINGS OF SIGNIFICANCE:**				
a)	Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	☐	☐	☐	☒
b)	Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☐	☐	☒	☐
c)	Does the project have environmental effects, which would cause substantial adverse effects on human beings, either directly or indirectly?	☐	☐	☒	☐

a) *Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?*

No Impact. As described above, the Project proposes a map change only and does not involve any development or construction. There will be no impact on biological and cultural resources.

b) *Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?*

Less Than Significant Impact. The Project proposes a GPA and ZC that applies to the subject property only. While the GPA and ZC would reduce development potential for residential units and increase the potential area for commercial development onsite, it would not change the type and intensity of development allowed onsite under the General Plan and zoning designations. The Project would not allow residential/commercial development beyond areas designated for such development in the Countywide Plan and Development Code. All potential impacts have been thoroughly evaluated and have been deemed to be neither individually significant nor cumulatively considerable in terms of any adverse effects upon the region, the local community or its inhabitants.

c) *Does the project have environmental effects, which would cause substantial adverse effects on human beings, either directly or indirectly?*

Less Than Significant Impact. As described throughout this initial study, the Project will have no adverse environmental effects, either directly or indirectly, on human beings. The Project proposes a GPA and ZC on the subject property, which will facilitate development on the site that is consistent with what is envisioned in the Countywide Plan. While the Project would reduce the maximum allowed residential units on the subject property, such reduction is negligible on the community and regional scale, especially considering the designated floodway and floodplains onsite that severely limit housing development potential. Any direct/indirect impact from the Project on human beings would be less than significant.

Therefore, no significant adverse impacts are identified or anticipated and no mitigation measures are required.

XXII. MITIGATION MEASURES

None.

SELF MONITORING MITIGATION MEASURES: (Compliance monitoring will be verified by existing procedures for condition compliance)

GENERAL REFERENCES

County of San Bernardino, Countywide Plan. Adopted July 2020. http://countywideplan.com/wp-content/uploads/2020/08/CWP_PolicyPlan_PubHrngDraft_HardCopy_2020_July.pdf

County of San Bernardino, Countywide Plan Draft EIR. Prepared June 2019. http://countywideplan.com/wp-content/uploads/2019/06/Ch_000_TITLE-PAGE.pdf

County of San Bernardino. County Policy Plan web maps.
San Bernardino County Code -Title 8–Development Code. http://www.sbcounty.gov/Uploads/lus/DevelopmentCode/DCWebsite.pdf. Accessed periodically.

California State Scenic Highway System Map by Caltrans. https://caltrans.maps.arcgis.com/apps/webappviewer/index.html?id=465dfd3d807c46cc8e8057116f1aacaa. Accessed November 27, 2023.

California Department of Conservation Farmland Mapping and Monitoring Program. https://maps.conservation.ca.gov/DLRP/CIFF/. Accessed November 27, 2023.

MDAQMD 2020 CEQA and Federal Conformity Guidelines. February 2020. https://www.mdaqmd.ca.gov/home/showpublisheddocument/8510/638126583450270000.

County of San Bernardino Greenhouse Gas Reduction Plan Update, June 2021. https://www.sbcounty.gov/uploads/LUS/GreenhouseGas/GHG_2021/GHG%20Reduction%20Plan%20Update-Greenhouse%20Gas%20Reduction%20Plan%20Update%20-%20Adopted%209-21-2021.pdf

San Bernardino County Regional Greenhouse Gas Reduction Plan, March 2021. https://www.gosbcta.com/wp-content/uploads/2019/09/San_Bernardino_Regional_GHG_Reduction_Plan_Main_Text_Mar_2021.pdf

2020 Urban Water Management Plan for Joshua Basin Water District, September 2022. https://www.jbwd.com/vertical/sites/%7BD8F937B8-7844-4B0D-8922-2521EB0ED3A9%7D/uploads/2020_UWMP_-_final.pdf

Joshua Basin Water District Wastewater Treatment Strategy, June 2009. https://www.jbwd.com/vertical/sites/%7BD8F937B8-7844-4B0D-8922-2521EB0ED3A9%7D/uploads/Wastewater_Treatment_Strategy_June_2009.pdf

United States Census Bureau. https://data.census.gov/. Accessed December 5, 2023.

California Department of Forestry and Fire Protection's Fire and Resource Assessment Program (FRAP). https://egis.fire.ca.gov/FHSZ/. Accessed December 1, 2023.

PROJECT-SPECIFIC REFERENCES

Focused Survey for Agassiz's Desert Tortoise, Habitat Assessments for Burrowing Owl and Joshua Tree, and General Biological Resource Assessment for a 40-acre± Site (APN 0602-371-06) in the Community of Joshua Tree, San Bernardino County, California, prepared by Circle Mountain Biological Consultants, Inc., February 2021 (Revised November 2023). (Appendix A)

Historical/Archaeological Resources Survey Report Assessor's Parcel Number 0602-371-06 Joshua Tree, San Bernardino County, California, prepared by CRM TECH, April 9, 2021 (Revised November 13, 2023). (Appendix B)

Phase I Environmental Site Assessment Report 37.57-Acre Vacant Parcel Twentynine Palms Highway and Sunset Road Joshua Tree, San Bernardino County, California, prepared by Alta Environmental on May 25, 2021. (Appendix C)

Joshua Tree Creek San Bernardino County, CA Letter of Map Revision January 2021, prepared by NV5 and approval documents by Federal Emergency Management Agency, March 21, 2023. (Appendix D)

Appendix A

Focused Survey for Agassiz's Desert Tortoise, Habitat Assessments for Burrowing Owl and Joshua Tree, and General Biological Resource Assessment for a 40-acre± Site (APN 0602-371-06) in the Community of Joshua Tree, San Bernardino County, California,

prepared by

Circle Mountain Biological Consultants, Inc.

February 2021 (Revised November 2023)

Focused Survey for Agassiz's Desert Tortoise,
Habitat Assessments for Burrowing Owl and Joshua Tree, and
General Biological Resource Assessment for a
40-acre± Site (APN 0604-371-06) in the Community of Joshua Tree,
San Bernardino County, California

(U.S. Geological Survey 7.5' Joshua Tree North quadrangle, Township 1 North, Range 6 East, a portion of the Southeast ¼ of the Southeast ¼ of Section 26, S.B.B.&M.)

Job#: 21-003

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I hereby certify that the statements furnished herein, including attached exhibits, present the data and information required for this biological evaluation, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief. Field work conducted for this assessment was performed by me or under my direct supervision. I certify that I have not signed a nondisclosure or consultant confidentiality agreement with the project applicant or applicant's representative and that I have no financial interest in the project.



Circle Mountain Biological Consultants, Inc.
Author and Field Investigator: Edward L. LaRue, Jr.

February 2021 (Revised November 2023)

Figure 1. APN 0604-371-06: Vicinity Map

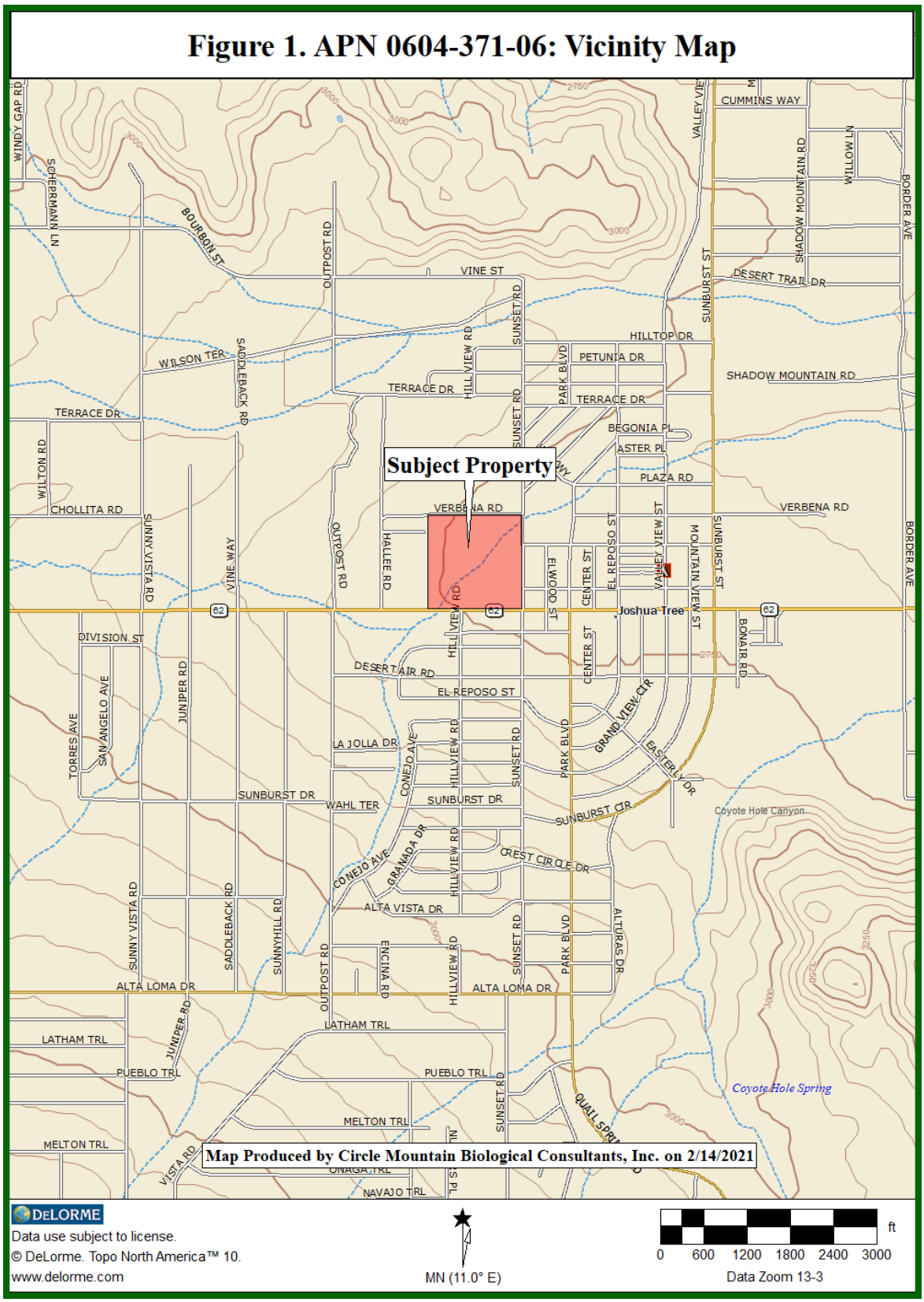


Figure 2. Site Map with Protected Plant Species Locations

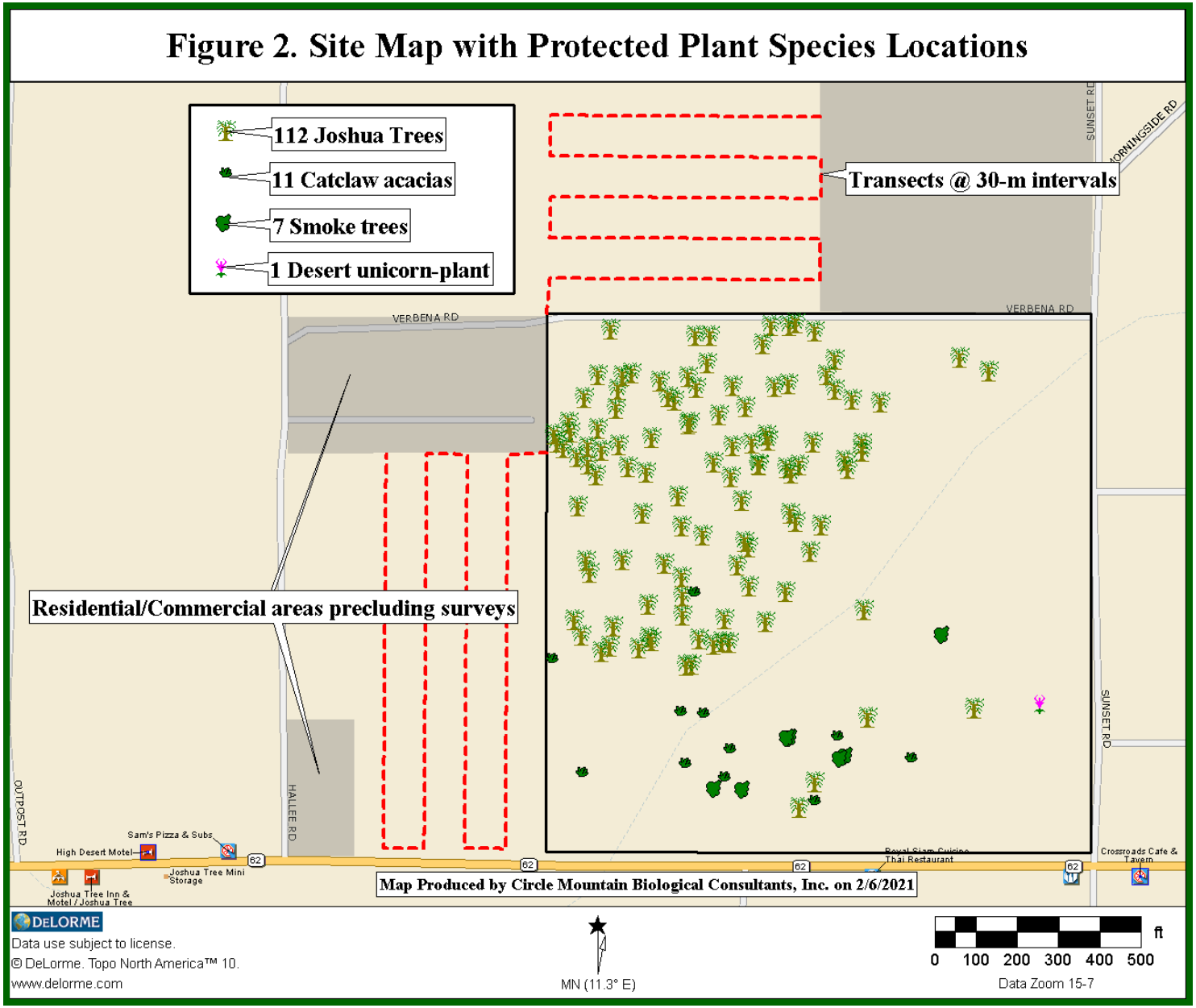


Figure 3. Results of 14 Tortoise Surveys in the Area between 1990 and 2021

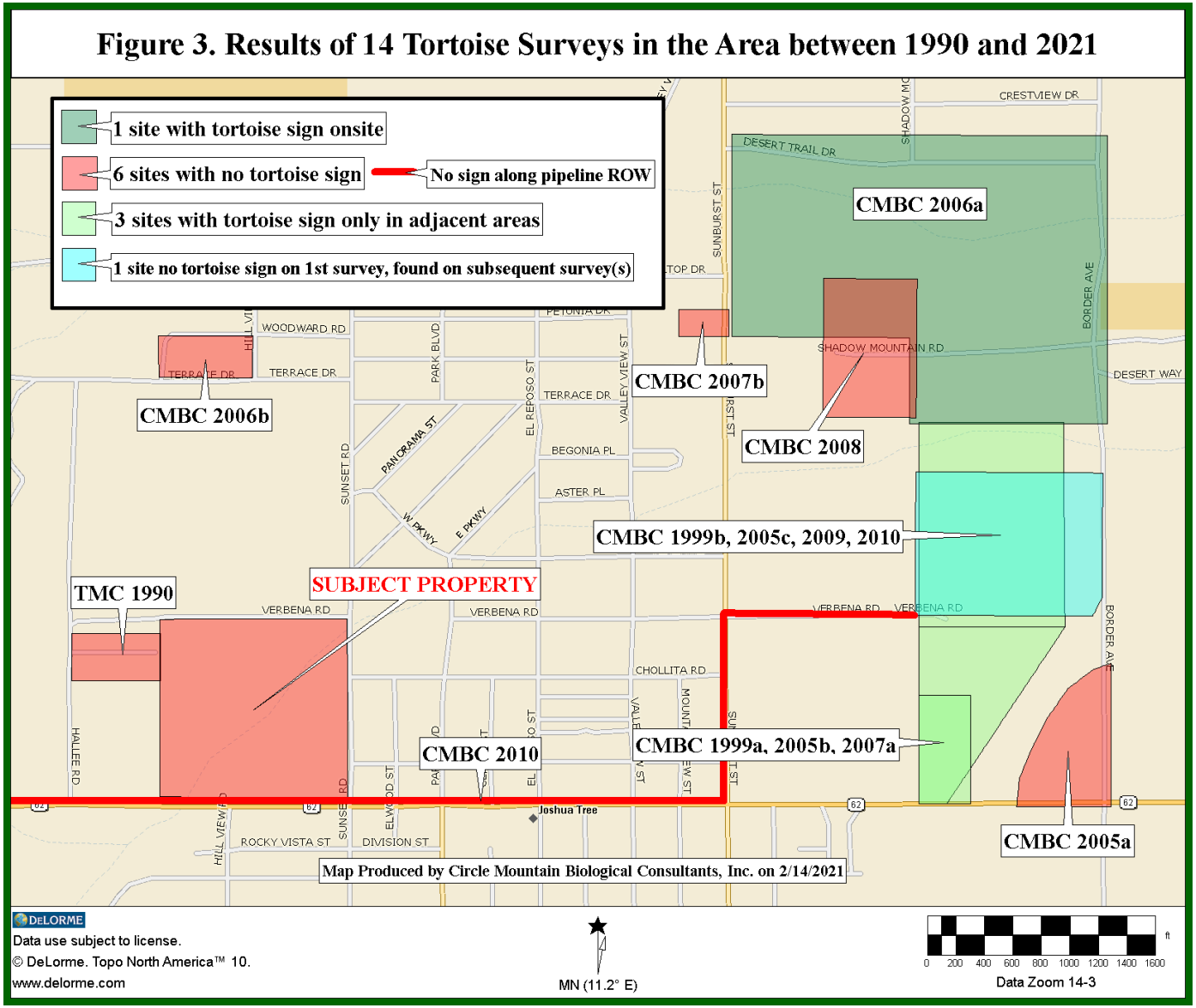
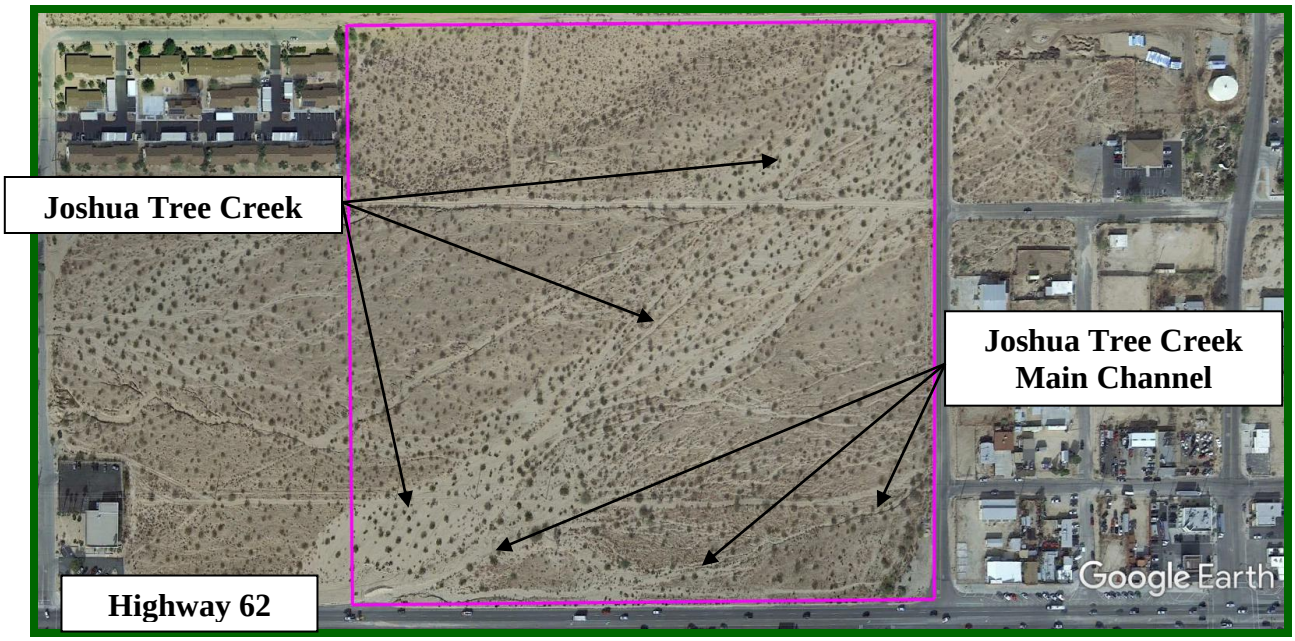
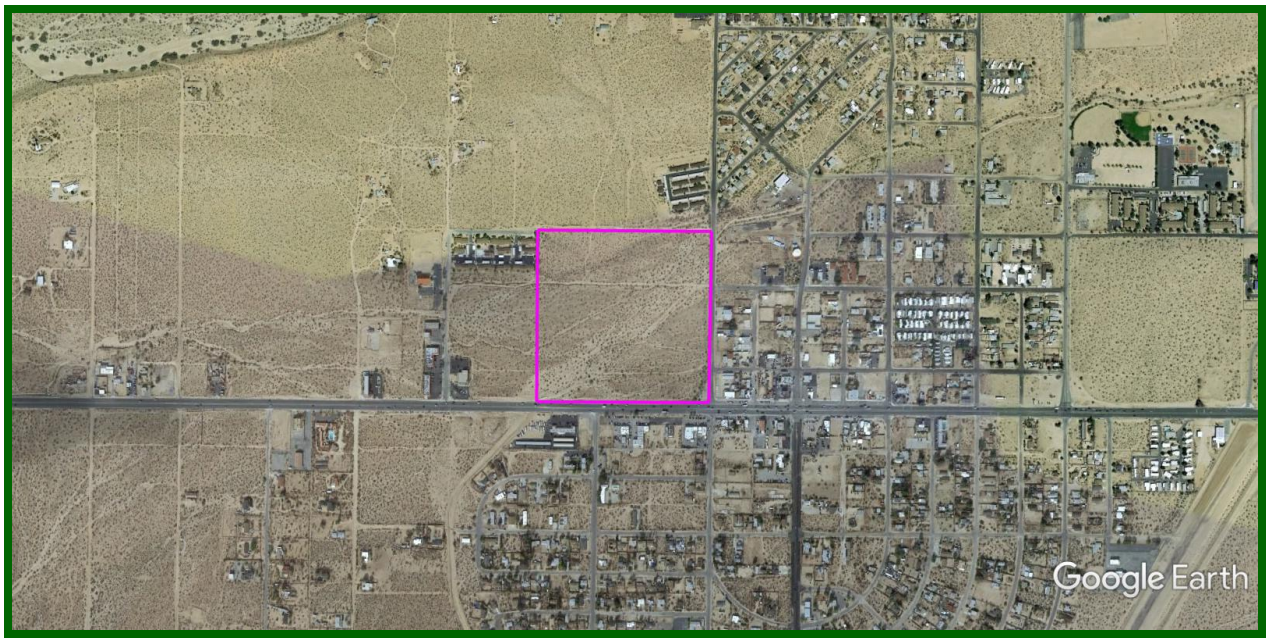


Figure 4. APN 0604-371-06:
Aerial Photograph (©2021Google Earth)



Enlarged aerial view from approximately 2,400 feet altitude (Image date: 12/11/2019)



Regional aerial view from approximately 8,000 feet altitude,
showing surveyed action area inside the pink line.

Executive Summary

Circle Mountain Biological Consultants, Inc. was contacted by NV5 on behalf of Eric Kleinbub (Proponent) to perform a focused survey for Agassiz's desert tortoise and Joshua trees, habitat assessments for burrowing owl, and a general biological resource assessment on a 40-acre± site. APN 0604-371-06 is a 40-acre± parcel located in the unincorporated community of Joshua Tree, northwest of the junction of Highway 62 (southern boundary) and Sunset Road (eastern boundary), San Bernardino County, California. The legal description for the subject property is Township 1 North, Range 6 East, a portion of the Southeast ¼ of the Southeast ¼ of Section 26, S.B.B.&M.

For a total of 8.0 hours, between 1100 and 1600 hours on 5 February 2021 and 0945 and 1245 on 6 February 2021, Ed LaRue of CMBC surveyed the site and adjacent areas as described herein. This entailed a survey of 40 transects, spaced at 10-meter intervals and oriented in a north-south direction throughout the 40-acre± parcel. As depicted in Figure 2, peripheral transects were surveyed for detection of burrowing owls at 30-meter intervals to the west and north in contiguous, undeveloped areas.

Based on DeLorme Topo USA® 10.0 software, elevations on the subject property range from approximately 2,760 feet (841 meters) at the southwest corner down to 2,720 feet (829 meters) at the northeast corner. Terrain is relatively flat with a slight northeastern aspect. Soils are mostly sandy with scattered rock. Joshua Tree Creek, flowing from southwest-to-northeast through the site is a USGS-designated blueline stream. The 60 plant species identified during the survey are listed in Appendix A. The 2 reptile, 16 bird, and 8 mammal species identified during the survey are listed in Appendix B.

Based on the absence of tortoise sign onsite and in adjacent areas, and available information reviewed for this habitat assessment, CMBC concludes that tortoises are absent from the subject property. There is a limited likelihood that one could enter the site from the north prior to ground disturbance. As such, no impacts are anticipated and no mitigation measures are recommended.

Based on the field survey and habitat assessment, CMBC concludes that none of the following special status species reported from the region will be adversely affected by site development: Cooper's hawk, northern harrier, prairie falcon, or burrowing owl. As such, no adverse impacts have been identified and no mitigation measures are recommended. Those species either identified during the current survey or for which suitable habitats are present include desert unicorn-plant, Little San Bernardino Mountains linanthus, loggerhead shrike, and LeConte's thrasher.

Joshua tree (112 trees), catclaw acacia (11 plants), smoke tree (7 trees), and unknown numbers of Mohave yucca, silver cholla, pencil cholla, hedgehog cactus, and beavertail cactus are species found on-site that may be subject to pertinent development codes.

Table of Contents

Figure 1. APN 0604-371-06: Vicinity Map i

Figure 2. Site Map with Protected Plant Species Locations ii

Figure 3. Results of 14 Tortoise Surveys in the Area between 1990 and 2021 iii

Figure 4. APN 0604-371-06: Aerial Photograph (©2021Google™ Earth) iv

Executive Summary v

1.0. Introduction 1

1.1. Purpose and Need for Study 1

1.2. Project Description 1

2.0. Methods 1

2.1. Literature Review 1

2.2. Field Survey 2

3.0. Results 3

3.1. Common Biological Resources 3
3.1.1. Common Flora 4
3.1.2. Common Fauna 4

3.2. Uncommon Biological Resources 5
3.2.1. Agassiz's Desert Tortoise 5
3.2.2. Other Special Status Species 6

3.3. Other Protected Biological Resources 8
3.3.1. Stream Courses 8
3.3.2. Protected Plant Species 9

4.0. Conclusions and Recommendations 10

4.1. Impacts to Agassiz's Desert Tortoise and Proposed Mitigation 10

4.2. Impacts to Other Biological Resources and Proposed Mitigation 11

5.0. Literature References 13

Appendix A. Plant Species Detected 18
Appendix B. Animal Species Detected 21
Appendix C. Field data sheets completed on 5 and 6 February 2021 23
Appendix D. Photographic Exhibits (see Figure 5 for exhibit locations) 26
Appendix E. Summary Statistics for Joshua Trees Found Onsite 31

**Focused Survey for Agassiz's Desert Tortoise,
Habitat Assessments for Burrowing Owl and Joshua Tree, and
General Biological Resource Assessment for a
40-acre± Site (APN 0604-371-06) in the Community of Joshua Tree,
San Bernardino County, California**

1.0. Introduction

1.1. Purpose and Need for Study. Circle Mountain Biological Consultants, Inc. (CMBC) was contacted by Bill Warner on behalf of Eric Kleinbub (Proponent) to perform a focused survey for Agassiz's desert tortoise (*Gopherus agassizii*) and Joshua trees (*Yucca brevifolia*), habitat assessments for burrowing owl (*Athene cunicularia*), and a general biological resource assessment on a 40-acre± site located in San Bernardino County, California (see Figures 1 and 2). Given the location of the site in an unincorporated portion of the county, this report has been prepared, in part, according to County of San Bernardino's *Report Protocol for Biological Assessment Reports* (County of San Bernardino 2006).

As the California Environmental Quality Act (CEQA) Lead Agency, the County of San Bernardino, Public and Support Services Group, Land Use Services Department, Advance Planning Division (County) is required to complete an initial study to determine if site development will result in any adverse impacts to rare biological resources. The information may also be useful to federal and State regulatory agencies, including U.S. Fish and Wildlife Service (USFWS) and California Department of Fish and Wildlife (CDFW), respectively, if the Lead Agency asks them to assess impacts associated with proposed development. Results of CMBC's focused tortoise and Joshua tree survey, burrowing owl habitat assessment, and general biological resource assessment are intended to provide sufficient baseline information to these agencies to determine if significant impacts will occur and to identify mitigation measures, if any, to offset those impacts.

1.2. Project Description. APN 0604-371-06 is a 40-acre± parcel located in the unincorporated community of Joshua Tree, northwest of the junction of Highway 62 (southern boundary) and Sunset Road (eastern boundary), San Bernardino County, California. The legal description for the subject property is Township 1 North, Range 6 East, a portion of the Southeast ¼ of the Southeast ¼ of Section 26, S.B.B.&M.

2.0. Methods

2.1. Literature Review. CMBC consulted materials included in our library to determine the nearest tortoise locations and other special status plant and animal species that have been reported from the vicinity of the subject property. Of particular relevance given their proximity to the subject property are 13 focused tortoise surveys completed on 12 sites, located immediately west out to approximately 5,000 feet east, between 1990 (TMC 1990) and 2010 (CMBC 2010), which, along with the subject property, are mapped in Figure 3. These and other materials used in the completion of this report are listed in Section 5.0, below.

2.2. Field Survey.

2.2.1. *Survey and Habitat Assessment Protocols*. For **Agassiz's desert tortoise**, CMBC followed the presence-absence survey protocol first developed by the USFWS in 1992 and revised in 2019. USFWS (2019) protocol recommends surveying transects at 10-meter (30-foot) intervals throughout all portions of a given parcel and its associated action area. The *action area* is defined by regulation as all areas to be affected directly or indirectly by proposed development and not merely the immediate area involved in the action (50 CFR §402.02). For this site, the action area is considered to be the same as the subject property, which includes the footprint of the proposed project. The preliminary site plan (Appendix F) shows the facility being developed on the southeastern part of the site. Since the site is smaller than 500 acres, it may be surveyed year-round (USFWS 2019).

For **burrowing owl**, although the formal habitat assessment does not specify a given interval to survey a site (Appendix C in CDFG 2012), subsequent breeding and nonbreeding studies identify that transects are surveyed at 7 to 20 meters (23 to 65 feet) apart, with five additional transects surveyed at 30-meter intervals out to 150 meters (500 feet) in adjacent areas in potential habitat (i.e., excluding areas substantially developed for commercial, residential, and/or industrial purposes) (Appendix D in CDFG 2012). With its narrower transect intervals, the tortoise survey is sufficient to cover the site for burrowing owl. The focus of the survey is to find and inspect all burrows sufficiently large to be used by burrowing owls. Importantly, this methodology is considered a formal *habitat assessment* for presence of burrowing owls, which can be conducted any time of the year. Had burrowing owl sign been found, which it was not, it would have then been necessary to perform breeding burrowing owl surveys during the spring and summer as outlined in CDFG (2012).

2.2.2. *Field Survey Methods*. For a total of 8.0 hours, between 1100 and 1600 hours on 5 February 2021 and 0945 and 1245 on 6 February 2021, Ed LaRue of CMBC surveyed the site and adjacent areas as described herein. This entailed a survey of 40 transects, spaced at 10-meter intervals and oriented in a north-south direction throughout the 40-acre± parcel. As depicted in Figure 2, peripheral transects were surveyed for detection of burrowing owls at 30-meter intervals to the west and north in contiguous, undeveloped areas. Copies of CMBC's data sheets completed in the field and USFWS' (2019) pre-project survey data sheet are included in this report (see Appendix C).

As the site was surveyed, LaRue kept tallies of observable human disturbances encountered on each of the transects he surveyed. The results of this method provide *encounter rates* for observable human disturbances. For example, two roads observed on each of 40 transects would yield a tally of 80 roads (i.e., two roads encountered 40 times). Habitat quality, adjacent land uses, and this disturbance information are discussed below in Section 3.2 relative to the potential occurrence of Agassiz's desert tortoise and other special status species on and adjacent to the subject property.

Weather conditions recorded at the beginning and ending of the two survey days included temperatures measured approximately 5 centimeters above the ground, percent cloud cover, and wind speeds measured by a hand-held Kestrel® weather and wind speed meter, as reported in Table 1.

Table 1. Weather Summary Data for Two-day Survey in 2021

Date 2021	Begin, End, Total hours	Weather Conditions	
		Beginning	Ending
February 5	1100 to 1600 = 5 hrs	67°F, 3 ↑ 8 mph, 0% cloud	66°F, 1 ↑ 3 mph, 0% cloud
February 6	0945 to 1245 = 3 hrs	57°F, 1 ↑ 3 mph, 0% cloud	64°F, 1 ↑ 3 mph, 0% cloud

All plant and animal species identified during the survey were recorded in field notes and are listed in Appendices A and B, respectively. A Garmin® hand-held, global positioning system (GPS) unit was used to survey straight transects and record Universal Transverse Mercator (UTM) coordinates (North American Datum – NAD 83) for property boundaries, rare species locations, and other pertinent information (Appendix C). A digital camera was used to take representative photographs (Appendix D), with locations and directions of exhibits shown in Figure 5. ©2021Google™ Earth was accessed via the internet to provide recent aerial photographs of the subject property and surrounding areas (Figure 4).

In October 2020, the California Fish and Game Commission accepted as complete a petition to list Joshua tree as a California Endangered Species. The Commission has a year to consider the petition and publish its determination, which is expected in October 2021. To provide data requested in a December 2020 letter from San Bernardino County to a client in the community of Joshua Tree, LaRue recorded locations of 112 Joshua trees using a Garmin GPS unit, which has a horizontal accuracy of 2 to 3 meters. Additional information taken for each tree included number of trunks, height(s), range of heights from the shortest to tallest trunks, and a general health assessment of poor, moderate, or good based on the color of leaves (i.e., spikes), necrosis on the leaves, posture (i.e., erect versus leaning), and dead versus live branches on each tree. The tabulated information for each Joshua tree is included in Appendix E.

Two other species associated with the main channel in Joshua Tree Creek that are protected by County and State ordinances (see Section 3.3.2., below) include 11 catclaw acacia [*Senegalia* (*Acacia*) *greggii*] and 7 smoke tree (*Psorothamnus spinosus*) plants. UTM coordinates were taken for all individual trees observed onsite, coordinates are provided in Appendix E, and locations are mapped in Figure 2.

3.0. Results

3.1. Common Biological Resources. The common plant and animal species identified during the survey are listed in Appendices A and B, respectively. Based on DeLorme Topo USA® 10.0 software, elevations on the subject property range from approximately 2,760 feet (841 meters) at the southwest corner down to 2,720 feet (829 meters) at the northeast corner. Terrain is relatively flat with a slight northeastern aspect. Soils are mostly sandy with scattered rock. Joshua Tree Creek, flowing from southwest-to-northeast through the site, is a USGS-designated blueline stream (see Section 3.3.1. herein for more information).

3.1.1. *Common Flora*. The 60 plant species identified during the survey are listed in Appendix A. The plant community is best characterized as Mojavean creosote bush scrub. Dominant perennial species include creosote bush (*Larrea tridentata*), burrobush (*Ambrosia dumosa*), desert tea (*Ephedra californica*), desert senna (*Senna armata*), indigo bush (*Psorothamnus arborescens*), and in places, four-winged saltbush (*Atriplex canescens*). Other, somewhat less dominant perennial shrubs include California buckwheat (*Eriogonum fasciculatum*), desert mallow (*Sphaeralcea ambigua*), and white rhatany (*Krameria bicolor*). It is an indicator of the degraded nature of the site and prevalent urbanization of the immediate area that nine of the 60 species observed (15%) are not native to California.

As depicted, particularly in the upper half of Figure 4, Joshua Tree Creek occupies most of the southern half of the site, running southwest-to-northeast, with the main channel located on the southern portions of the site. Although the aerial image may suggest that the main part of the creek runs diagonally through the middle of the site, in fact, the main channel is accurately represented in the unnumbered figure in Section 3.1.1., below. This is also reflected in Figure 2, which shows the mesic-adapted catclaw acacia and smoke tree plants distributed along the main wash channel to the south. In addition to smoke tree and acacia, plants that are more common along the main channel than elsewhere include Mexican palo verde (*Parkinsonia aculeata*), brickellbush (*Brickellia incana*), cheesebush (*Ambrosia salsola*), sandpaper plant (*Petalonyx thurberi*), rayless encelia (*Encelia fructescens*), and green joint-fir (*Ephedra viridis*).

3.1.2. *Common Fauna.* The 2 reptile, 16 bird, and 8 mammal species identified during the survey are listed in Appendix B. Given the timing of surveys and relatively cool temperatures, common side-blotched lizard (*Uta stansburiana*) was the only reptile observed, and desert iguana (*Dipsosaurus dorsalis*) was identified by diagnostic scats. Other locally common reptile species that may occur include zebra-tailed lizard (*Callisaurus draconoides*), long-nosed leopard lizard (*Gambelia wislizenii*), desert horned lizard (*Phrynosoma platyrhinos*), desert night lizard (*Xantusia vigilis*), red racer (*Masticophis flagellum*), glossy snake (*Arizona elegans*), gopher snake (*Pituophis melanoleucus*), long-nosed snake (*Rhinocheilus lecontei*), and various rattlesnake species (*Crotalus* ssp.).

Locally common, year-round resident bird species that are benefitted by the urbanizing development prevalent in much of the Morongo Basin that were observed onsite included rock dove (*Columba livia*), common raven (*Corvus corax*), house finch (*Carpodacus mexicanus*), and European starling (*Sturnus vulgaris*). Development-tolerant species that may also be found in pristine areas included Say's phoebe (*Sayornis saya*), verdin (*Auriparus flavipes*), great horned owl (*Bubo virginianus*), mourning dove (*Zenaida macroura*), Gambel's quail (*Callipepla gambelii*), horned lark (*Eremophila alpestris*), greater roadrunner (*Geococcyx californianus*), cactus wren (*Campylorhynchus brunneicapillus*), and ladder-backed woodpecker (*Picoides scalaris*), the latter two of which are likely to nest in Joshua trees. Incidental seasonal visitors included white-crowned sparrow (*Zonotrichia leucophrys*), Brewer's sparrow (*Spizella breweri*), and Costa's hummingbird (*Calypte costae*).

The eight mammal species detected onsite included small mammals [kangaroo rat (*Dipodomys* sp.), antelope ground squirrel (*Ammospermophilus leucurus*), California ground squirrel (*Otospermophilus beecheyi*), and desert woodrat (*Neotoma lepida*)]; medium-sized mammals [Audubon cottontail (*Sylvilagus audubonii*) and black-tailed hare (*Lepus californicus*)]; and two predators [coyote (*Canis latrans*) and bobcat (*Lynx rufus*)]. The presence of California ground squirrels and absence of kit fox (*Vulpes macrotis*) and American badger (*Taxidea taxus*) are indicators of the regional urbanization that has impaired native habitats onsite and in much of the Morongo Basin.

3.2. Uncommon Biological Resources.

3.2.1. *Agassiz's Desert Tortoise*. A significant paper was published in June 2011 (Murphy et al. 2011) whereby the "desert tortoise" of the Mojave Desert was split into two species, including *Gopherus agassizii*, referred to as "Agassiz's desert tortoise," and a newly described species, *G. morafkai*, referred to as "Morafka's desert tortoise," which occurs in the Sonoran Desert. According to Murphy et al. (2011), "…this action reduces the distribution of *G. agassizii* to only 30% of its former range. This reduction has important implications for the conservation and protection of *G. agassizii*, which may deserve a higher level of protection." Then in 2016 (Edwards et al. 2016), a third species of tortoise was described, referred to as the "Goode's Thornscrub Tortoise" (*Gopherus evgoodei*), which further reduced the perceived range of Morafka's desert tortoise. Agassiz's desert tortoise is the threatened species that occurs in the region surrounding the subject property.

No tortoise sign was found either onsite or in adjacent areas during this focused, protocol survey for the species (USFWS 2019). Based on the absence of tortoise sign on the subject property, in adjacent areas, and reported from the region (see Figure 3), CMBC concludes that Agassiz's desert tortoise is absent from the subject property and action area. There is some, limited likelihood of wild tortoises entering the site from adjacent areas to the north (see bottom half of Figure 4), either to pass through the site or establish temporary residency.

Encounter rates for observable human disturbances included (in descending order of prevalence) 173 dirt roads and trails (up to five trails crossed 40 times), 160 cross-country vehicle tracks (OHV), 53 domestic dog signs (mostly tracks), 31 dump sites (mostly vegetation), 1 old shot gun shell cartridge, and 1 clay pigeon target. Verbena Road corresponding to the northern boundary, the extension of Chollita Road through the site, the extension of Commercial Street through the site, which also has a wooden pole utility line, an unnamed road along the southern boundary, and a few splits in the roads on the western quarter of the site are the main roads and trails that were tallied. Although not reflected in the tallies, these roads are frequently used by pedestrians and bicyclists. There was also a homeless man living onsite at the time of the survey. The amount and distribution of trash and camping debris suggest persisting presence of this or other individuals living on the site. Although some of the dog sign may have resulted from unrestrained pets entering from adjacent areas, most of it is likely associated with walking dogs along the roads, which was observed once during the survey. Similarly, the elevated level of dumping is due to the increased access provided by these roads. Cumulatively, these are the types of human uses that have eliminated tortoises from this site, and the isolation due to human development in adjacent areas limits the likelihood of recolonization of the site by immigrating tortoises.

As depicted in Figure 3, CMBC personnel have surveyed 12 sites within approximately one mile of the subject property. The color codes in Figure 3 reveal that no tortoise sign was found on six sites, including the subject property, and one pipeline alignment (CMBC 2010; although tortoise sign was found along this same pipeline approximately 4,000 feet west of the property, west of Sunny Vista Road); tortoise sign was found on one site during a survey (CMBC 2006a) and an adult tortoise was observed walking through another site during the survey (CMBC 2010); and there were three sites where tortoise sign was found in adjacent areas only. These observations and this pattern of occurrence suggest that tortoises have somewhat persisted in areas adjacent to urban development but are being extirpated over time.

With the publication of the BLM's (2016) Record of Decision, the Desert Renewable Energy Conservation Plan (DRECP) revised the 1980 California Desert Conservation Area Plan (CDCA Plan; BLM 1980) in significant ways for the conservation and recovery of desert tortoises in the California Deserts. Although desert tortoise critical habitat was not changed (USFWS 1994a), Desert Wildlife Management Areas (DWMAs; USFWS 1994b) and Multiple Use Classes on BLM lands were eliminated. In addition to critical habitat, the two main designated areas under the DRECP CDCA Plan amendment that provide for tortoise conservation and recovery are Areas of Critical Environmental Concern (ACECs) and California Desert National Conservation Lands (CDNCLs). The subject property is not found within any of these conservation areas.

3.2.2. *Other Special Status Species*. U.S. Fish and Wildlife Service (2008), California Department of Fish and Wildlife [CDFW 2021a for California Natural Diversity Data Base; 2021b for Special Plant Species list; 2020 for Special Animal Species list; and California Native Plant Society (CNPS 2021)] maintain lists of animals and/or plants considered rare, threatened, or endangered, which are herein collectively referred to as "special status species." Desert unicorn-plant was the only regulatory agency-designated special status species identified during the current survey. Life history and occurrence information for rare species observed during the survey or on one of the sites depicted in Figure 3 are given in the next few subsections.

Desert unicorn-plant (*Proboscidea althaeifolia*) is a List 4.3 species, meaning plants that are of limited distribution - A watch list; but not very threatened in California (low degree/immediacy of threats or no threats known) (CNPS 2021). One was observed about 4,200 feet east in 2010 (CMBC 2010), and a single seed pod was found in the main channel of Joshua Tree Creek onsite during the current survey (mapped in Figure 2 and depicted in Exhibit 7 in Appendix D). Although no seedling plants were observed, desert unicorn-plant may be found in active wash areas throughout the property.

Little San Bernardino Mountains linanthus (*Linanthus maculatus* ssp. *maculatus*) is considered by CNPS (2021) to be a List 1B.2 plant, which means it is rare, threatened, or endangered in California and elsewhere; and, specifically, fairly threatened in California (moderate degree/immediacy of threat) and is not designated by either CDFW or USFWS. This annual herb, which blooms from March to May following winters of sufficient rainfall may be detectable for only a brief period and only following favorable rainfall conditions. Occurring in desert dunes, Joshua tree woodland, and Mojavean

creosote bush scrub (CNPS 2021), the diminutive annual plant is extremely difficult to find, requiring a focused survey for its detection. LaRue is very familiar with the species, having found 425 individual plants 4,500 feet east of the site (CMBC 2010) and 70 others approximately 2.5 miles west of the site (not included in Figure 3). Given the location and habitats, there is a high likelihood that it occurs on the subject property on substrates scoured by Joshua Tree Creek, but would not have been detectable during the current survey.

Cooper's hawk (*Accipiter cooperi*) is a year-round resident raptor species that is designated as a Watch List species by CDFW (2020). One was observed approximately 4,000 feet in 2008 (CMBC 2008) (Figure 3). There are not any nesting sites on the subject property but there are foraging habitats throughout, and plenty of small and medium-sized birds on which Cooper's hawks can prey.

Northern harrier (*Circus hudsonius*) is designated as a California Species of Special Concern (CDFW 2020) and does not have a federal status. Although there are a few locations in the West Mojave where harriers nest (Edwards Air Force Base and Harper Lake), they are mainly known as fall migrants through the region in September and October, with wintering birds largely departing by mid-April. Migrants in the deserts are widespread in open habitats, including marshes, grasslands, pastures, agricultural fields, saltbush scrub, and even creosote scrub. CMBC observed one on the 30-acre site located approximately 4,000 east of the site in 2009 (CMBC 2009). Northern harriers are not likely to forage onsite and would definitely not nest.

Prairie falcon (*Falco mexicanus*) is designated as a Watch List species by CDFW (2020) and a Bird of Conservation Concern by the USFWS (2008). Although not observed during the survey, CMBC observed prairie falcons on two occasions approximately 4,000 feet east of the site (CMBC 2005b, 2005c). There are no suitable nesting substrates (cliff faces and other inaccessible areas) onsite but foraging habitat exists throughout.

Loggerhead shrike (*Lanius ludovicianus*) is designated as a California Species of Special Concern by CDFW (2020) and a Bird of Conservation Concern by the USFWS (2008). Having been observed 44 times by CMBC personnel between 1989 and 2021, this has been the most frequently encountered rare bird species in the Morongo Basin. As mapped in Figure 3, loggerhead shrikes have been observed 4,000 feet east on four different surveys between 1999 and 2005 (CMBC 1999a, 1999b, 2005b, 2005c). Since shrikes may nest in both Joshua trees and Mohave yuccas (*Yucca schidigera*), there are both suitable nesting and foraging substrates for loggerhead shrikes throughout the subject property.

LeConte's thrasher (*Toxostoma lecontei*) is designated as a California Species of Special Concern by CDFW (CDFW 2020) and as a Bird of Conservation Concern by the USFWS (2008). With 40 observations between 1989 and 2021, LeConte's thrasher are the second most commonly observed rare bird species in the area, having been reported from 4 of the 12 sites in Figure 3 (CMBC 1999a, 1999b, 2008, and 2010). LeConte's thrashers may nest in several cactus species, particularly silver cholla (*Cylindropuntia echinocarpa*), which are common on the subject property and in larger streamside shrubs, and may forage throughout the subject property.

Burrowing owl is designated as a California Species of Special Concern by CDFW (2020), as a Bird of Conservation Concern by the USFWS (2008), and is considered Sensitive by the BLM (CDFW 2021a). It is one of the focal species specifically sought during field surveys, and is usually detected by distinctive feathers, zygodactyl (x-shaped) tracks, and whitewash (fecal material deposited away from burrows may be from other bird species). Although pellets and feathers are sufficiently distinctive that they may be identified away from burrows, it is one or more of these signs at sufficiently large burrows that are the most definitive means of determining burrowing owl use of a given site.

In the case of the subject property, there was no evidence of burrowing owl. Burrowing owls do not create their own burrows; rather they find existing burrows, which they may slightly modify in order to occupy. Typical existing burrows used by burrowing owls include abandoned kit fox dens, both active and inactive tortoise burrows, deeper badger digs, and inactive California ground squirrel burrows. All California ground squirrel burrows inspected during the survey were judged to be active, and burrowing owls would not cohabitate with them. That no such inactive burrows or tortoise burrows were found onsite may be one of the reasons no burrowing owl sign was found. In fact, no burrowing owls have been reported on any of the sites in Figure 3. For these reasons, burrowing owl is presumed absent from the subject property.

3.3. Other Protected Biological Resources.

3.3.1. *Stream Courses*. Stream courses provide relatively important resources to animals and plants. In dry years, and particularly during prolonged drought, annual plants may only germinate in the vicinity of washes where the water table is relatively near the surface. Perennial shrubs adjacent to washes are often the only plants that produce flowers and fruit, which in turn are important to insects and the avian predators that feed on them. Shrubs also tend to be somewhat taller and denser alongside washes, which provides cover for medium and larger sized animals that may use them as travel corridors. Biodiversity is generally enhanced by washes, and there are often both annual and perennial plants that are either restricted to or mostly associated with wash margins. There are both anecdotal accounts and published literature on washes being important to tortoises, which use them as travel corridors and access to nearby annual forage.

One can see in the unnumbered figure on the next page and in the lower portion of Figure 4 that Joshua Tree Creek has been significantly altered by previous development. The wash has clearly been channelized to the southwest and although containment is not obvious to the northeast, the creek runs through residential neighborhoods that have likely degraded it and impaired its usefulness as a mammal travel corridor. Even so, conditions on the subject property support at least one rare plant species (desert unicorn-plant), both protected (acacia and smoke tree) and unprotected streamside growth (Mexican palo verde and a half-dozen mesic-adapted shrubs), and cover for both coyotes and bobcats, which may not occur on such an isolated site without this growth providing cover within the main channel on the southern part of the site.

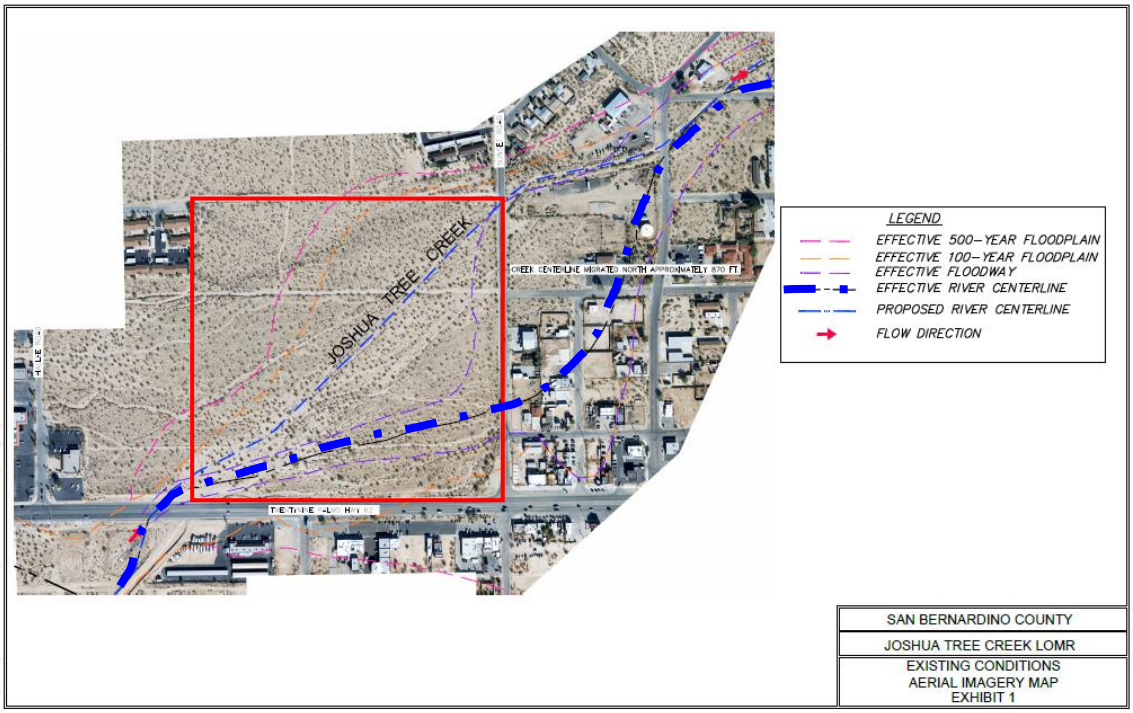


Figure Source: Mr. William Warner, NV5, on 4 February 2021

3.3.2. *Protected Plant Species*. At the County level, the San Bernardino County Development Code was revised and adopted on 12 April 2007. Chapter 88.01 Plant Protection and Management, Section 88.01.020 states, "The provisions of this Chapter apply to the removal and relocation of regulated trees or plants and to any encroachment (for example, grading) within the protected zone of a regulated tree or plant on all private land within the unincorporated areas of the County and on public lands owned by the County, unless otherwise specified..."

Section 88.01.060 Desert Native Plant Protection states, "This Section provides regulations for the removal or harvesting of specified desert native plants in order to preserve and protect the plants and to provide for the conservation and wise use of desert resources…"

Section 88.01.060(c) Regulated Desert Native Plants states, "The following desert native plants or any part of them, except the fruit, shall not be removed except under a Tree or Plant Removal Permit in compliance within Section 88.01.050 (Tree or Plant Removal Permits):

(1) The following desert native plants with stems two inches or greater in diameter or six feet or greater in height:
  (A) *Dalea spinosa* (smoke tree).
  (B) All species of the genus *Prosopis* (mesquites).
(2) All species of the family *Agavaceae* (century plants, nolinas, yuccas).
(3) Creosote Rings, 10 feet or greater in diameter.
(4) All Joshua trees.

(5) Any part of the following species, whether living or dead:

(A) *Olneya tesota* (desert ironwood).

(B) All species of the genus *Prosopis* (mesquites).

(C) All species of the genus *Cercidium* (palo verdes)." [Note that the palo verde species onsite, in the genus *Parkinsonia*, is not native to California, and therefore not the species listed in this section].

At the State level, the 1998 Food and Agricultural Code, Division 23: California Desert Native Plants, Chapter 3: Regulated Native Plants Act, Section 80073 states: The following native plants, or any parts thereof, may not be harvested except under a permit issued by the commissioner or the sheriff of the county in which the native plants are growing:

(a) All species of the family Agavaceae (century plants, nolinas, yuccas).

(b) All species of the family Cactaceae (cacti), except for the plants listed in subdivisions (b) and (c) of Section 80072 (i.e., saguaro and barrel cacti), which may be harvested under a permit obtained pursuant to that section.

(c) All species of the family Fouquieriaceae (ocotillo, candlewood).

(d) All species of the genus *Prosopis* (mesquites).

(e) All species of the genus *Cercidium* (palo verdes).

(f) *Senegalia (Acacia) greggii* (catclaw acacia).

(g) *Atriplex hymenelytra* (desert holly).

(h) *Dalea (Psorothamnus) spinosa* (smoke tree).

(i) *Olneya tesota* (desert ironwood), including both dead and live desert ironwood.

Joshua tree, Mohave yucca, catclaw acacia, smoke tree, silver cholla, pencil cholla, hedgehog cactus, and beavertail cactus are the plant species included in one or both of the above lists that were observed on the subject property. Among the four cactus species, silver cholla is the most widespread and common, followed by pencil cholla, and beavertail as a distant third, and in all cases, cacti are more common on the northwestern portions of the site than to the east and southeast, in particular.

With the designation of Joshua tree as a Candidate Species for Listing as Endangered, its importance to the local and regional ecosystem has increased as have its potential economic impacts. LaRue did not notice any evidence of fire on the site, but the higher densities to the northwest and near-absent densities to the southeast (only 5 of 112 trees were found south of the visible diagonal creek through the center of the site) may suggest historical fire on the site or some diminishment due to water flows in the creek, which is more prevalent to the south.

4.0. Conclusions and Recommendations

4.1. Impacts to Agassiz's Desert Tortoise and Proposed Mitigation. Based on the absence of tortoise sign onsite and in adjacent areas, and available information reviewed for this habitat assessment, CMBC concludes that tortoises are absent from the subject property. There is a limited likelihood that one could enter the site from the north prior to ground disturbance. As such, no impacts are anticipated and no mitigation measures are recommended.

Whereas USFWS survey protocols historically indicated that the results of a given survey were valid for the period of only one year (USFWS 2010 and 2018), according to the revised, 2019 USFWS pre-project survey protocol, "*If the survey data are more than a year old, we encourage project proponents to contact us at the earliest possible time to allow us to assess the specific circumstances under which the data were collected (e.g., time of year, drought/rainfall conditions, size and location of the site, etc.) and to discuss whether additional surveys would be appropriate. Spatial information can be provided in pdf and GIS formats*." At the time of this writing, the Palm Springs office of the USFWS would be the appropriate office to contact [(760) 322-2070] to determine if another survey should be performed prior to ground disturbance, if it does not occur before February 2022.

Regardless of survey results and conclusions given herein, tortoises are protected by applicable State and federal laws, including the California Endangered Species Act and Federal Endangered Species Act, respectively. As such, if a tortoise is found onsite at the time of construction, all activities likely to affect that animal(s) should cease and the County contacted to determine appropriate steps.

Importantly, nothing given in this report, including recommended mitigation measures, is intended to authorize the incidental take of Agassiz's desert tortoises during site development. Such authorization must come from the appropriate regulatory agencies, including CDFW (i.e., authorization under section 2081 of the Fish and Game Code) and USFWS [i.e., authorization under section 10(a)(1)(B) of the Federal Endangered Species Act].

4.2. Impacts to Other Biological Resources and Proposed Mitigation.

4.2.1 *Other Special Status Species*. Based on the field survey and habitat assessment, CMBC concludes that none of the following special status species reported from the region will be adversely affected by site development: Cooper's hawk, northern harrier, prairie falcon, or burrowing owl. As such, no adverse impacts have been identified and no mitigation measures are recommended.

Those species either identified during the current survey or for which suitable habitats are present include desert unicorn-plant, Little San Bernardino Mountains linanthus, loggerhead shrike, and LeConte's thrasher. If the County needs to ascertain the level of impacts for the two plant species, a focused survey should be performed during April or early May, and 2021 would be a good year given winter rainfalls. There are measures given below in Section 4.2.2.c. intended to protect nesting birds, including these two rare species.

4.2.2. *Other Protected Biological Resources.*

4.2.2.a. Stream Courses. 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 do one or more of the following: (1) substantially divert or obstruct the natural flow of any river, stream or lake; (2) substantially change or use any material from the bed, channel, or bank of, any river, stream, or lake; or (3) deposit

or dispose of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake. Fish and Game Code section 1602 applies to all perennial, intermittent, and ephemeral rivers, streams, and lakes in the state, including many dry washes in desert regions.

The consultant will generally collect data along each potential jurisdictional stream course, including measurements of the channels; dominant plants comprising the forb, shrub, and tree strata; and photographs at regular intervals, depending on how long the course is (100-foot intervals works well). If CDFW determines that the activity may substantially adversely affect fish and wildlife resources, a Streambed Alteration Agreement will be prepared. The Agreement includes reasonable conditions necessary to protect those resources and must comply with CEQA. The proponent may proceed with the activity in accordance with the final Agreement. The form is available at https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=3754&inline=1. The completed form is sent along with the field baseline data to CDFW, Inland Deserts Region, Streambed Alteration, 3602 Inland Empire Boulevard, Suite C-220, Ontario, California 91764.

4.2.2.b. Protected Plants. It is beyond the scope of this focused survey and general resource assessment to provide necessary baseline data and a proposed program to minimize and mitigate impacts to protected native desert plants, with the following exceptions. LaRue paid particular attention to Joshua trees, catclaw acacias, and smoke trees so the distributions given in Figure 2 and the data for all three of these species in Appendix E will be useful to determine potential impacts and plan avoidance and/or mitigation measures. The County may require a Desert Native Plant Assessment to identify the numbers and locations of the other protected plants (particularly cacti species) to be in compliance with the California Native Plant Protection Act. Joshua tree, Mohave yucca, catclaw acacia, smoke tree, silver cholla, pencil cholla, hedgehog cactus, and beavertail cactus are species found on-site that may be subject to pertinent development codes.

4.2.2.c. Bird Nests. Sections 3503, 3503.5, and 3513 of the California Fish and Game Code prohibit take of all birds and their active nests, including raptors and other migratory nongame birds (As listed under the Migratory Bird Treaty Act). Typically, CDFW requires that vegetation not be removed from a project site between March 15 and September 15 to avoid impacts to nesting birds. If it is necessary to commence project construction between March 15 and September 15, a qualified biologist should survey all shrubs and structures within the project site for nesting birds, prior to project activities (including construction and/or site preparation).

Surveys should be conducted at the appropriate time of day during the breeding season, and surveys would end no more than three days prior to clearing. CDFW is typically notified in writing prior to the start of the surveys. Documentation of surveys and findings should be submitted to the CDFW within ten days of the last survey. If no nesting birds were observed project activities may begin. If an active bird nest is located, the plant in which it occurs should be left in place until the birds leave the nest. No construction is allowed near active bird nests of threatened or endangered species.

5.0. Literature References

Beauchamp, R. 1986. *A Flora of San Diego County, California.* Sweetwater River Press. National City, CA.

California Department of Fish and Game (CDFG). 2009. Protocols for surveying and evaluating impacts to special status native plant populations and natural communities. California Natural Resources Agency, Department of Fish and Game, 24 November 2009. Sacramento, CA.

California Department of Fish and Game. 2012. Staff report on burrowing owl mitigation. 7 March 2012 memo replacing 1995 staff report, State of California Natural resources Agency, Department of Fish and Game. Sacramento, CA.

California Department of Fish and Wildlife (CDFW), Natural Diversity Database. 2020. Special Animals. Animal species list published and updated by State of California, The Resources Agency, Department of Fish and Wildlife, Biogeographic Data Branch, California Natural Diversity Data Base. Dated November 2020. Sacramento, CA. 116 pp.

California Department of Fish and Wildlife. 2021a. Electronic database of rare plant and animal species reported to The State Resources Agency, Natural Heritage Division, California Natural Diversity Data Base. Updated monthly. Sacramento, CA.

California Department of Fish and Wildlife, Natural Diversity Database. 2021b. Special Vascular Plants, Bryophytes, and Lichens List. Plant species list published and updated quarterly by State of California, The Resources Agency, Department of Fish and Wildlife, Biogeographic Data Branch, California Natural Diversity Data Base. Dated January 2021. Sacramento, CA. 166 pp.

California Native Plant Society (CNPS). 2021. Inventory of Rare and Endangered Plants (online edition, v8-02). California Native Plant Society. Sacramento, CA.

Circle Mountain Biological Consultants. 1999a. General biological survey and focused survey for desert tortoise on +/- 18 acres, near the community of Joshua Tree, San Bernardino County, California. Unpublished report prepared by Sharon Dougherty on behalf of Morongo Basin Transit Authority. Job 99-009. Wrightwood, CA. (Same as 05-063, #125 and 07-068, #203).

Circle Mountain Biological Consultants. 1999b. General biological survey and focused survey for desert tortoise on +/- 33 acres, near the community of Joshua Tree, San Bernardino County, California. Unpublished report prepared by Ed LaRue on behalf of Splatball West. Job 99-010. Wrightwood, CA. (Same as Job 05-068, #126).

Circle Mountain Biological Consultants. 2005a. Focused desert tortoise resurvey for a 10-acre site (APN 604-231-07) in the community of Joshua Tree, San Bernardino County, California. Unpublished letter from Ed LaRue to Mr. Alex Milikotin. Job 05-007. Wrightwood, CA.

Circle Mountain Biological Consultants. 2005b. Focused desert tortoise resurvey and general biological inventory for an 18-acre± site (APN 603-191-36) in the community of Joshua Tree, San Bernardino County, California. Unpublished report prepared by Ed LaRue on behalf of Morongo Basin Transit Authority. Job 05-063. Wrightwood, CA. Wrightwood, CA. (Same as 99-009, #7 and 07-068, #203).

Circle Mountain Biological Consultants. 2005c. Focused desert tortoise resurvey and general biological inventory for a 32.5-acre± site (APN 603-191-41) in the community of Joshua Tree, San Bernardino County, California. Unpublished report prepared by Ed LaRue on behalf of TMS Consortium. Job 05-068. Wrightwood, CA. (Same as Job 99-010, #8).

Circle Mountain Biological Consultants. 2006a. Focused desert tortoise survey and general biological inventory for a 103.65-acre site (APN 0603-191-18) in the community of Joshua Tree, San Bernardino County, California. Unpublished report prepared by Sharon Dougherty on behalf of Bill Raffin. Job 06-042. Wrightwood, CA.

Circle Mountain Biological Consultants. 2006b. Focused desert tortoise survey and general biological inventory for a 5-acre± site (TPM 18278, APN 0602-281-10) in the community of Joshua Tree, San Bernardino County, California. Unpublished report prepared by Ed LaRue on behalf of Mark and Christa Cranston. Job 06-068. Wrightwood, CA.

Circle Mountain Biological Consultants, Inc. 2007a. Focused survey for desert tortoise and western burrowing owl and general biological resource assessment for a 24-foot access drive in the community of Joshua Tree, San Bernardino County, California. Unpublished report prepared by Ed LaRue on behalf of Morongo Basin Transit Authority. Job 07-068. Wrightwood, CA. (Same as 99-009, #7 and 05-063, #125).

Circle Mountain Biological Consultants, Inc. 2007b. Focused survey for desert tortoise and western burrowing owl and general biological resource assessment for a 1.18-acre site (TPM 17837, APN 0603-271-20) in the community of Joshua Tree, San Bernardino County, California. Unpublished report prepared by Ed LaRue on behalf of Jack Kennedy. Job 07-069. Wrightwood, CA.

Circle Mountain Biological Consultants, Inc. 2008. Focused resurvey for desert tortoise and western burrowing owl and general biological resource assessment for a 9.0-acre± school site (S-12456) in the community of Joshua Tree, San Bernardino County, California. Unpublished report prepared by Ed LaRue for John Byerly, Inc. on behalf of San Bernardino County Superintendent of Schools. Job 08-051. Wrightwood, CA.

Circle Mountain Biological Consultants, Inc. 2009. Focused survey for desert tortoise and western burrowing owl for two well sites on a 30-acre site in the community of Joshua Tree, San Bernardino County, California. Unpublished letter report on behalf of Joshua Basin Water District. Job 09-038. Wrightwood, CA. (Same as Job 10-009, #248).

Circle Mountain Biological Consultants, Inc. 2010. Focused survey for desert tortoise, habitat assessment for western burrowing owl, and general biological resource assessment for the Joshua Basin Water District's proposed 30-acre± recharge basin and 4.5-mile± water pipeline in the community of Joshua Tree, San Bernardino County, California. Unpublished report prepared by Ed LaRue for ESA Southern California Group on behalf of Joshua Basin Water District. Job 10-009. Wrightwood, CA. (Same as Job 09-038, #245).

Circle Mountain Biological Consultants, Inc. 2013. Desert tortoise detection in the Morongo Basin on 270 sites between 1989 and 2013. Unpublished report presented as a technical paper at the 2013 Desert Tortoise Council Symposium. Wrightwood, CA.

County of San Bernardino (County). 2004. Standards for assessing impacts to the desert tortoise and Mohave ground squirrel. Unpublished protocol provided by the County of San Bernardino, Public and Support Services Group, Land Use Services Department, Advance Planning Division, dated December 2004. San Bernardino, CA.

County of San Bernardino. 2006. Report protocol for biological assessment reports. Unpublished protocol provided by the County of San Bernardino, Public and Support Services Group, Land Use Services Department, Advance Planning Division, dated 31 August 2006. San Bernardino, CA.

eBird. 2021. An online database of bird distribution and abundance [web application]. Version 2. eBird, Ithaca, New York. Available: http://www.ebird.org

Edwards, T., A. Karl, M. Vaughn, P. Rosen, C. Melendez Torres, and R. Murphy. 2016. The desert tortoise trichotomy: Mexico hosts a third, new sister-species of tortoise in the *Gopherus morafkai-G. agassizii* group. ZooKeys 563: 131-158.

Hickman, J. Editor. 1993. *The Jepson Manual: Higher Plants of California.* University of California Press. Berkeley, CA.

Holland, R. 1986. Preliminary descriptions of the terrestrial natural communities of California. California Department of Fish and Game. Sacramento, CA.

Ingles, L. 1965. *Mammals of the Pacific States: California, Oregon, Washington.* Stanford University Press. Stanford, CA.

Jaeger, E. 1969. *Desert Wild Flowers.* Stanford University Press. Stanford, CA.

Munz, P. 1974. *A Flora of Southern California.* University of California Press. Berkeley, CA.

Murphy, R. W., K. H. Berry, T. Edwards, A. E. Leviton, A. Lathrop, and J. D. Riedle. 2011. The dazed and confused identity of Agassiz's desert tortoise, *Gopherus agassizii* (Testudines, Testudinidae) with the description of a new species, and its consequences for conservation. ZooKeys 113: 39–71.

Sawyer, J. and T. Keeler-Wolf. 1995. *A Manual of California Vegetation.* California Native Plant Society. Sacramento, CA.

Sibley, D. 2000. National Audubon Society, the Sibley Guide to Birds. First Edition. New York, N.Y.

Stebbins, R. 2003. *A Field Guide to Western Reptiles and Amphibians.* Third Edition. The Peterson Field Guide Series. Houghton Mifflin Company. New York, NY.

Tierra Madre Consultants, Inc. 1990. Joshua Tree Apartments 5-acre site: Focused desert tortoise survey. Unpublished report completed by Ed LaRue on behalf of WM. C. Buster, Inc. Job 90-133. Riverside, CA.

U.S. Bureau of Land Management (BLM). 1980. California Desert Conservation Area Plan, as Amended. Prepared by the Desert District, Riverside, CA.

U.S. Bureau of Land Management. 2005. Final Environmental Impact Report and Statement for the West Mojave Plan, a Habitat Conservation Plan and California Desert Conservation Area Plan Amendment. Moreno Valley, CA.

U.S. Bureau of Land Management. 2006. Record of Decision: West Mojave Plan, Amendment to the California Desert Conservation Area Plan, dated March 2006. Sacramento, CA.

U.S. Bureau of Land Management. 2016. Record of Decision for the Land Use Plan Amendment to the California Desert Conservation Plan, Bishop Resource Management Plan, and Bakersfield Resource Management Plan for the Desert Renewable Energy Conservation Plan (DRECP). Dated September 2016. Sacramento, CA.

U.S. Fish and Wildlife Service (USFWS). 1992. Field survey protocol for any nonfederal action that may occur within the range of the desert tortoise. Ventura, CA.

U.S. Fish and Wildlife Service. 1994a. Endangered and threatened wildlife and plants; determination of critical habitat for the Mojave population of the desert tortoise. Federal Register 55(26):5820-5866. Washington, D.C.

U.S. Fish and Wildlife Service. 1994b. Desert Tortoise (Mojave Population) Recovery Plan. U.S. Fish and Wildlife Service, Portland, OR. Pp. 73, plus appendices.

U.S. Fish and Wildlife Service. 2008. Birds of Conservation Concern. Division of Migratory Bird Management. Arlington, VA.

U.S. Fish and Wildlife Service. 2010. Preparing for any action that may occur within the range of the Mojave desert tortoise (*Gopherus agassizii*). USFWS Desert Tortoise Recovery Office. Reno, NV.

U.S. Fish and Wildlife Service. 2019. Preparing for any action that may occur within the range of the Mojave desert tortoise (*Gopherus agassizii*). USFWS Desert Tortoise Recovery Office. Reno, NV.

Zeiner, D.C., W.F. Laudenslayer, Jr., K.E. Mayer, and M. White (Editors). 1990. California's Wildlife. Volume III. Mammals. California Statewide Wildlife Habitat Relationships System. State of California. The Resources Agency. Department of Fish and Game. Sacramento, California.

Appendix A. Plant Species Detected

The following plant species were identified on-site during the focused floral inventory described in this report. Protected plant species are highlighted in red and signified by "(PPS)" following the common names.

GNETAE	GNETAE
Ephedraceae	**Joint-fir family**
Ephedra californica	Desert tea
Ephedra viridis	Green joint-fir
ANGIOSPERMAE: DICOTYLEDONES	DICOT FLOWERING PLANTS
Asteraceae	**Sunflower family**
Ambrosia acanthicarpa	Annual bur-sage
Ambrosia dumosa	Burrobush
Ambrosia salsola	Cheesebush
Brickellia incana	Brickellbush
Encelia fructescens	Rayless encelia
Palafoxia linearis	Desert Spanish-needles
Stephanomeria exigua	Milk aster
Stephanomeria pauciflora	Desert milk aster
Boraginaceae	**Borage family**
Amsinckia tessellata	Fiddleneck
Cryptantha angustifolia	Narrow-leaved forget-me-not
Cryptantha c.f. *micrantha*	Mountain red root
Brassicaceae	**Mustard family**
**Brassica tournefortii*	Saharan mustard
Descurainia pinnata	Tansy
**Sisymbrium altissimum*	Tumble mustard
**Sisymbrium irio*	London rocket
Cactaceae	**Cactus family**
Cylindropuntia echinocarpa	Silver cholla (PPS)
Cylindropuntia ramosissima	Pencil cholla (PPS)
Echinocereus engelmannii	Hedgehog cactus (PPS)
Opuntia basilaris	Beavertail cactus (PPS)
Chenopodiaceae	**Goosefoot family**
Atriplex canescens	Four-winged saltbush
**Salsola tragus*	Russian thistle

Cucurbitaceae	**Gourd family**
Cucurbita palmata	Coyote gourd
Euphorbiaceae	**Spurge family**
Croton californicus	Croton
Euphorbia polycarpa	Sandmat
Stillingia linearifolia	Stillingia
Fabaceae	**Pea family**
Parkinsonia aculeata	Mexican palo verde
Psorothamnus arborescens	Indigo bush
Psorothamnus spinosus	Smoke tree (PPS)
Senna armata	Senna
Geraneaceae	**Geranium family**
**Erodium cicutarium*	Red-stemmed filaree
Hydrophyllaceae	**Water-leaf family**
Phacelia sp.	Phacelia
Krameriaceae	**Krameria family**
Krameria (*grayi*) *bicolor*	White rhatany
Lamiaceae	**Mint family**
Salvia carduacea	Thistle sage
Salvia columbariae	Chia
Loasaceae	**Stick-leaf family**
Petalonyx thurberi	Sandpaper plant
Malvaceae	**Mallow family**
Proboscidea althaeifolia	Desert unicorn plant (PPS)
Sphaeralcea ambigua	Desert mallow
Onagraceae	**Evening-primrose family**
Chylismia (*Camissonia*) *claviformis*	Brown-eyed primrose
Oenothera sp.	Oenothera
Nyctaginaceae	**Four o'clock family**
Mirabilis (*bigelovii*) *laevis*	Desert wishbone plant
Polemoniaceae	**Phlox family**
Eriastrum densifolium	Woolly star
Eriastrum c.f. *sapphirinum*	Woolly star

Polygonaceae	**Buckwheat family**
Chorizanthe brevicornu	Brittle spineflower
Eriogonum fasciculatum	California buckwheat
Eriogonum inflatum	Desert trumpet
Eriogonum maculatum	Spotted buckwheat
Eriogonum nidularium	Whiskbroom
Eriogonum plumatella	Yucca buckwheat
Solanaceae	**Nightshade family**
Datura wrightii	Jimsonweed
Zygophyllaceae	**Caltrop family**
Fagonia laevis	Fagonia
Larrea tridentata	Creosote bush
ANGIOSPERMAE: MONOCOTYLEDONES	MONOCOT FLOWERING PLANTS
Liliaceae	**Lily family**
Yucca brevifolia	Joshua tree (PPS)
Yucca schidigera	Mojave yucca (PPS)
Poaceae	**Grass family**
**Bromus madritensis* ssp. *rubens*	Red brome
**Bromus tectorum*	Cheat grass
**Hordeum murinum*	Hare barley
Pleuraphis rigida	Big galleta
**Schismus* sp.	Split-grass

* - indicates a non-native (introduced) species.
c.f. - compares favorably to a given species when the actual species is unknown.

Some species may not have been detected because of the seasonal nature of their occurrence. Common names are taken from Beauchamp (1986), Hickman (1993), Jaeger (1969), and Munz (1974).

Appendix B. Animal Species Detected

The following animal species were detected during the general biological inventory described in this report. Special status animal species are highlighted in red and signified by "(SSA)" following the common names.

REPTILIA	REPTILES
Iguanidae	**Iguanids**
Dipsosaurus dorsalis	Desert iguana
Uta stansburiana	Common side-blotched lizard
AVES	BIRDS
Phasianidae	**Grouse and quail**
Callipepla gambelii	Gambel's quail
Columbidae	**Pigeons and doves**
Columba livia	Rock dove
Zenaida macroura	Mourning dove
Cuculidae	**Cuckoos**
Geococcyx californianus	Greater roadrunner
Strigidae	**Typical owls**
Bubo virginianus	Great horned owl (pellets)
Trochilidae	**Hummingbirds**
Calypte costae	Costa's hummingbird
Picidae	**Woodpeckers**
Picoides scalaris	Ladder-backed woodpecker
Tyrannidae	**Tyrant flycatchers**
Sayornis saya	Say's phoebe
Alaudidae	**Larks**
Eremophila alpestris	Horned lark
Corvidae	**Crows and jays**
Corvus corax	Common raven
Remizidae	**Verdins**
Auriparus flavipes	Verdin

Troglodytidae	**Wrens**
Campylorhynchus brunneicapillus	Cactus wren
Sturnidae	**Starlings**
Sturnus vulgaris	European starling
Emberizidae	**Sparrows, warblers, tanagers**
Spizella breweri	Brewer's sparrow
Zonotrichia leucophrys	White-crowned sparrow
Fringillidae	**Finches**
Carpodacus mexicanus	House finch
MAMMALIA	MAMMALS
Leporidae	**Hares and rabbits**
Lepus californicus	Black-tailed hare
Sylvilagus audubonii	Audubon cottontail
Sciuridae	**Squirrels**
Otospermophilus beecheyi	California ground squirrel
Ammospermophilus leucurus	Antelope ground squirrel
Heteromyidae	**Pocket mice**
Dipodomys sp.	Kangaroo rat
Cricetidae	**Rats and mice**
Neotoma lepida	Desert wood rat
Canidae	**Foxes, wolves and coyotes**
Canis latrans	Coyote
Felidae	**Cats**
Lynx rufus	Bobcat

Nomenclature follows Stebbins, *A Field Guide to Western Reptiles and Amphibians* (2003), third edition; Sibley, National Audubon Society, the Sibley Guide to Birds (2000), first edition; and Ingles, Mammals of the Pacific States (1965), second edition.

Appendix C. Field Data Sheets Completed on 5 and 6 February 2021

The USFWS and County recommend that consultants include copies of the data collected in the field from which the results and conclusions given in their reports are derived. As such, below and on the following pages are copies of the data sheets completed by Ed LaRue on 5/6 February 2021.

USFWS 2009 DESERT TORTOISE PRE-PROJECT SURVEY DATA SHEET

Date of survey: 5/6-2-2021 (day, month, year) Survey biologist(s): Ed LaRue

Site description: 40-acre site in Joshua Tree, North of Highway 62 (project name and size; general location)

County: San Bernardino Quad: Joshua Tree North Location: 562940/3777740 (NAD83) (UTM coordinates, lat-long, and/or TRS; map datum)

Transect #: 40 Transect length: 300' Type of survey: 100% Pedestrian/absence Survey (project area size to be surveyed; 100% coverage/probabilistic sampling)

GPS Start-point: 562940/3777740 (2735 ft) (easting, northing, elevation in meters) Start time: 1100+0945 am/pm

GPS End-point: 562540/3777740 (2760 ft) (easting, northing, elevation in meters) End time: 1600+1245 am/pm

Start Temp: _____°C Weather: See report

End Temp: _____°C

Live Tortoises

Detection number	GPS location Easting	GPS location Northing	Time	Tortoise location (*in burrow*: all of tortoise beneath plane of burrow opening, or *not in burrow*)	Approx MCL >160-mm? (*Yes, No or Unknown*)	Existing tag # and color, if present
1						
2						
3						
4						
5						
6						
7						
8						

Tortoise Sign (burrows, scats, carcasses, etc)

Detection number	GPS location Easting	GPS location Northing	Type of sign (*burrows, scats, carcass, etc*)	Description and comments
1				
2				
3				
4				
5				
6				
7				
8				

Page: _____of_____

Date of survey: _____

Transect number: _____

JOB #/NAME	DATE	DRIVE TIME TO	DRIVE TIME FROM	MILES	FIELD TIME BEGIN	FIELD TIME END	SURVEYORS
APN 0604-371-06	2/5/21	0500→	OVERNIGHT	200	1100	1600	EDC, Steve

WEATHER CONDITIONS (Start/End)

TEMP: 67 °F WIND X: 3 ↑ 8 (N) S E W CLOUD: 0 %

TEMP: 66 °F WIND X: 1 ↑ 3 (N) S E W CLOUD: 0 %

UTM (NAD 83) (circle starting corner)

(NE)→ S NW→ SE→ SW→

562935

3777740

PERENNIAL PLANTS				ANNUAL PLANTS				BIRDS		HERP	MAM
Atrcan	EriAnn			SisAir	Cry(Mic)		168	RODO		SBLI	AnCo
LarTri	PsoArb			AmbAcu	Str Pay			SAPH		2R	KFOX
CylEch	EphVir			BroMad	CamOli			GRAS			BTHA
FesLon	CylAnn			BroTec	SalGal			VERD			CAGS
PriAcu	StePul			SchSp	PetThu			WCSP			DWRA
AmbDum	PluRig			DesSop	PhaCan			BTHU (P)			RobCat
AmbDum	EphCal			SisAir				HOFI			
OriSup	BriFas			BraTor				MODO			
CroCal	KraGra			StrEur				GAQU			
CurPal	OpuBas			AmbAcu				HOLA			
HerMar	LyciShi			EroCic			(rests)	CAWR			
SpoAmb	CenDec			ChrMac				LBWP			
PriTwi	BriInc			SclCar							
EriLob	PsoSpi	2832/7459		EriMic							

Photographs		
1	NE→	SW
2	SE→	NW
Union	2904	7449
Wash	2637/7511 NE	
Swash	2645/7389 E	
6	SW→	NE
7	NW→	SE

OBSERVABLE HUMAN DISTURBANCES

T#	East	North	OHV	Road	Dog	Dump	S Gun/Rifle	Rifle	Target		
1	2935	7740	2								
2	2925	7340	9								
3	2915	7740	7								
4	2905	7340	3				old				
5	2895	7740	6								
6	2885	7340	4	4							
7	2875	7740	4	4							
8	2865	7340	3	4							
9	2855	7740	3	4							
10	2845	7340	1	4							
11	2835	7740	4	4							
12	2825	7340	3	4							
13	2815	7740	3	4							
14	2805	7340	3	4							
15	2795	7740	2	4							
16	2785	7340	2	3							
17	2775	7740	1	4							
18	2765	7340	1	4							
19	2755	7740	1	4							
20	2745	7340	0	4							
21	2735	7740	0	4							

Topography and soils: 64 84 21 11 1/1

Totals = 160 173 53 31 1/1

111 Joshua Trees

60 + 10

Fast traffic

Some bicycle

Homeless camp

8m

AES sand

Swash: BriInc EphVir AmbDum SclCar PetThu

2 of 2

2020 Field Season

Page __ of __

JOB #/NAME	DATE	DRIVE TIME	MILES	FIELD TIME	SURVEYORS
APN 0604-371-06	2/5/21	TO FROM		BEGIN END	ED Cattal
	2/6/21 → 0930	→ 1600		0945 1245	

WEATHER CONDITIONS (Start/End)

TEMP: 57°F WIND X: 1 ↑ 3 (N) S E W CLOUD: 0 %

TEMP: 64°F WIND X: 1 ↑ 3 (N) S E W CLOUD: 0 %

UTM (NAD 83) (circle starting corner)

NE→	NW→	SE→	SW→

PERENNIAL PLANTS				ANNUAL PLANTS				BIRDS		HERP	MAM
EriFas				ErlBot				COHU		DEIG(S)	DIPA
EchEng				ChoBre				BRSP			
EriPla				CryAne				EUST			
MyrBra				SalTra							
EriDet				EriDen							
PsoArb											
										Photographs	
				ST=							

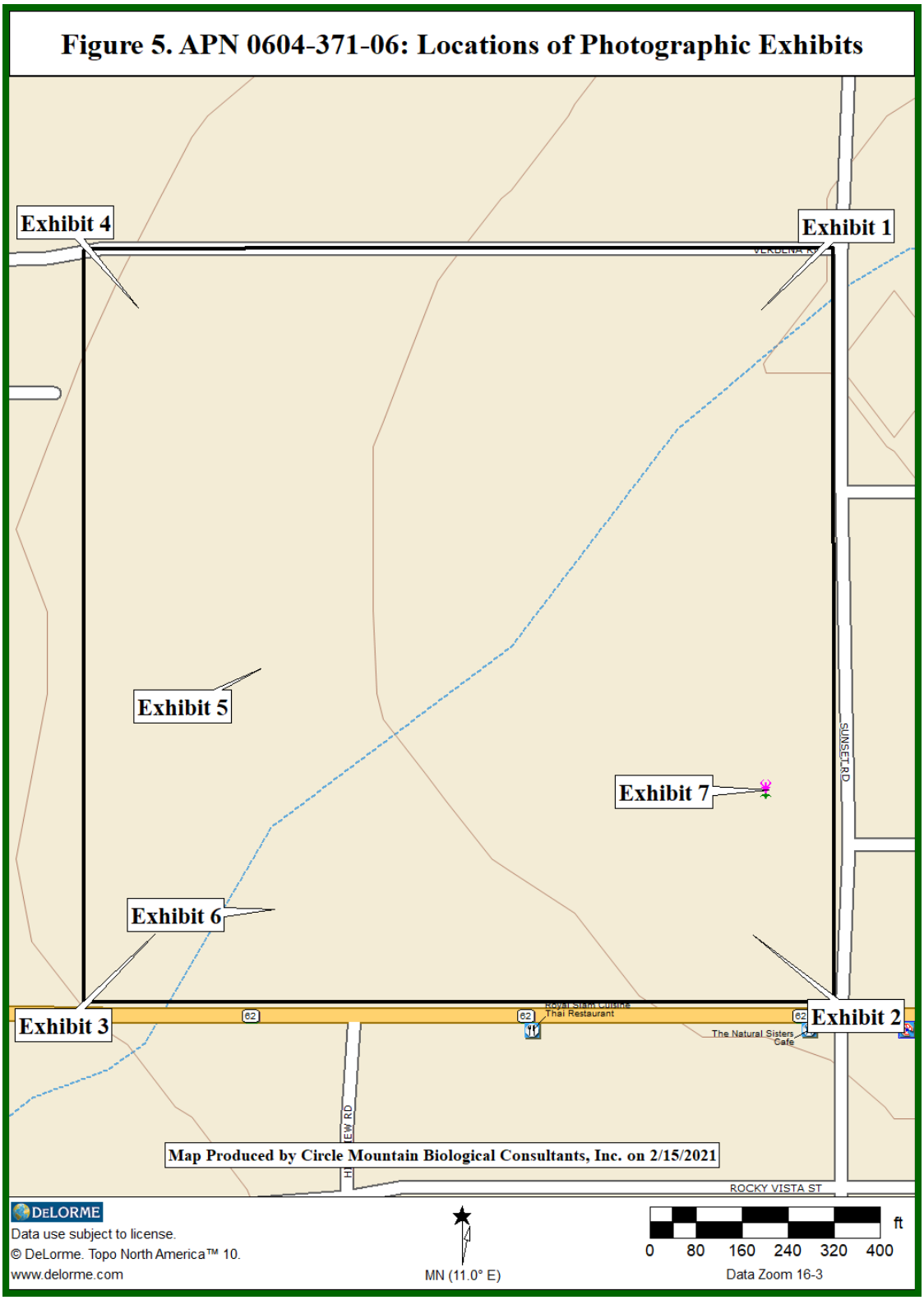
OBSERVABLE HUMAN DISTURBANCES (50) Estimates

T#	East	North	OHV	Road	Dog	Dump	S Gun	Rifle	Target		
22	2725	7340	0	4			16'G	2640/	7512	8'G	2684/ 7549
23	2715	7740	0	4			1'M	2640/	7526	13'G	2688/ 7563
24	2705	7340	0	4			2'G	2639/	7578	10'G	2685/ 7567
25	2695	7740	24	4			13'G	2643/	7653	4'G	2683/ 7597
26	2685	7340	5	4			10'M	2644/	7654	14'G	2690/ 7639
27	2675	7740	5	4			1+8'G	2649/	7680	8'G	2685/ 7666
28	2665	7340	6	5			2'G	2643/	7688	3+8'G	2676/ 7681
29	2655	7740	8				12'G	2648/	7716	3T6+16G	2676/ 7657
30	2645	7340	5				14'G	2633/	7670	7'M	2675/ 7614
31	2635	7740	8				7+2'M	2636/	7600	13'M	2671/ 7510
32	2625	7340	1	5			7T3-16G	2639/	7540	13'G	2674/ 7492
33	2615	7740	5	5			4+13'G	2626/	7580	12'M	2669/ 7493
34	2605	7340	3	5			3+9'G	2628/	7678	8'M	2663/ 7491
35	2595	7740	4	5			1+9'M	2622/	7684	9'G	2662/ 7625
36	2585	7340	3	5			9'G	2616/	7643	3T2-12	2666/ 7660
37	2575	7740	3	5			4T1-8G	2612/	7617	7'G	2659/ 7718
38	2565	7340	2	5			3-8'G	2614/	7520	2-12'G	2657/ 7698
39	2555	7740	2	5			3'M	2615/	7496	14'G	2684/ 7571
40	2545	7340	2	5			1-2'M	2617/	7493	11'G	2652/ 7495
			72	84	32	20	3T2-6G	2608/	7488	13'M	2697/ 7476
							8'G	2610	7567	12'M	2643/ 7475
							12'M	2601/	7690	12'G	2595/ 7553
							8'G	2594/	7688	9'M	2580/ 7485
							13'M	2592/	7637	16'M	2586/ 7489
							1'G	2599/	7621	14'G	2589/ 7504

Topography and soils:

Appendix D. Photographic Exhibits

Figure 5. APN 0604-371-06: Locations of Photographic Exhibits



Locations of the seven photographic exhibits on the next four pages are depicted in Figure 5.



Exhibit 1. View from the northeast corner of the parcel, facing southwest (see Figure 5 for locations and directions of photographs).



Exhibit 2. View from the southeast corner of the parcel, facing northwest.



Exhibit 3. View from the southwest corner of the parcel, facing northeast.



Exhibit 4. View from the northwest corner of the parcel, facing southeast.



Exhibit 5. View of Joshua Tree Creek, from near west-central boundary, facing northeast.

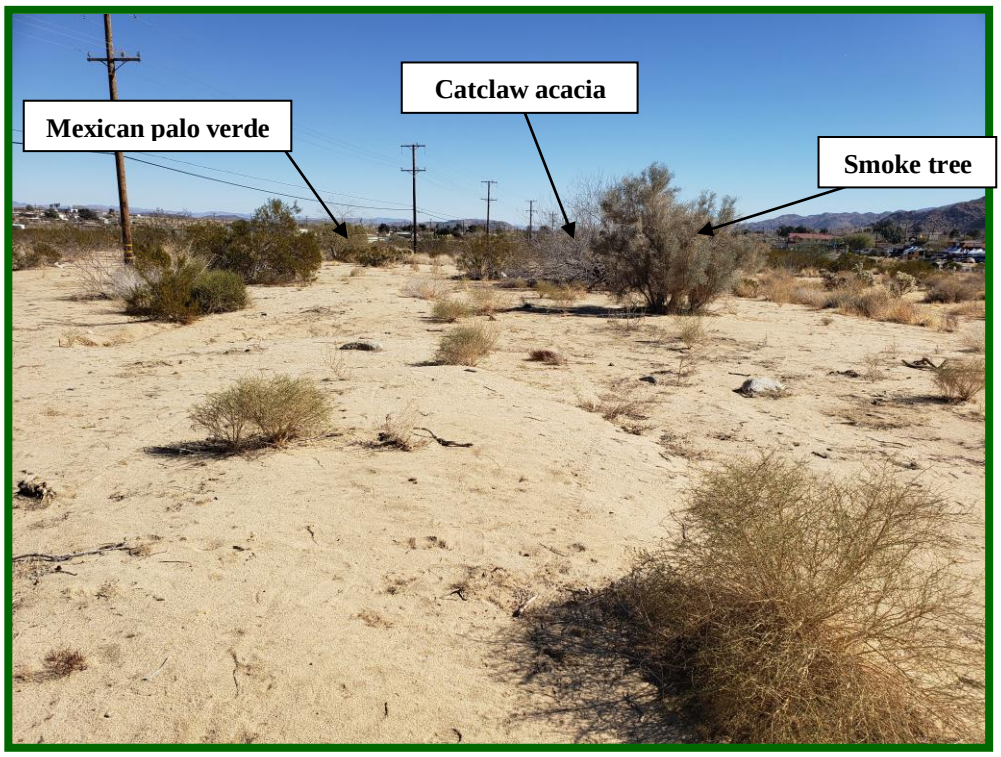


Exhibit 6. View of southern wash, from near southwest corner, facing east.



Exhibit 7. Single desert unicorn-plant seed pod found in southern wash, near southeast corner.

Appendix E. Summary Statistics for Joshua Trees Found Onsite

DATA FOR JOSHUA TREE OBSERVATIONS (UTM = NAD83)							
Condition = Poor (P), Moderate (M), and Good (G)							
Condition	**NO. TRUNKS (HEIGHT)**	**EAST**	**NORTH**	**Condition**	**NO. TRUNKS/ HEIGHT**	**EAST**	**NORTH**
G	3 (4 to 6 ft)	562865	3777693	G	1 (8 ft)	562689	3777534
G	1 (11 ft)	562856	3777445	G	2 (1 & 15 ft)	562590	3777664
G	1 (14 ft)	562843	3777703	M	1 (16 ft)	562591	3777678
G	1 (8 ft)	562785	3777670	G	2 (8 & 14 ft)	562585	3777722
M	1 (13 ft)	562772	3777640	M	1 (12 ft)	562576	3777689
M	1 (16 ft)	562772	3777634	M	1 (11 ft)	562576	3777649
G	1 (17 ft)	562774	3777517	G	1 (1 to 6 ft)	562579	3777633
G	1 (7 ft)	562777	3777438	G	2 (3 & 16 ft)	562575	3777615
G	1 (8 ft)	562764	3777672	G	1 (8 ft)	562565	3777497
G	1 (9 ft)	562751	3777701	G	1 (10 ft)	562560	3777508
G	1 (17 ft)	562759	3777627	P	1 (12 ft)	562560	3777511
G	1 (15 ft)	562761	3777621	G	1 (11 ft)	562571	3777543
G	1 (6 ft)	562742	3777579	M	1 (12 ft)	562568	3777552
G	1 (11 ft)	562717	3777683	G	2 (4 & 13 ft)	562562	3777592
M	1 (14 ft)	562717	3777726	G	1 (16 ft)	562569	3777623
M	1 (9 ft)	562722	3777728	G	1 (6 ft)	562561	3777628
G	1 (14 ft)	562725	3777623	M	1 (12 ft)	562569	3777637
G	1 (8 ft)	562723	3777582	G	1 (13 ft)	562566	3777672
G	9 (1 to 6 ft)	562727	3777371	M	1 (11 ft)	562555	3777654
M	7 (4 to 12 ft)	562738	3777390	P	1 (10 ft)	562556	3777646
G	3 (3 to 7 ft)	562734	3777560	G	2 (2 & 12 ft)	562551	3777635
G	1 (10 ft)	562735	3777640	G	7 (1 to 12 ft)	562546	3777639
G	1 (15 ft)	562735	3777640	G	2 (7 & 11 ft)	562544	3777645
G	1 (8 ft)	562736	3777722	G	1 (16 ft)	562640	3777512
G	1 (14 ft)	562751	3777679	M	1 (1 ft)	562640	3777526
G	1 (15 ft)	562745	3777690	G	1 (2 ft)	562639	3777578
M	1 (13 ft)	562716	3777621	G	1 (13 ft)	562643	3777653
G	1 (7 ft)	562719	3777617	M	1 (10 ft)	562644	3777654
G	1 (8 ft)	562719	3777588	G	2 (1 & 8 ft)	562649	3777680
M	1 (13 ft)	562716	3777530	G	1 (12 ft)	562643	3777688
G	1 (7 ft)	562707	3777681	G	1 (12 ft)	562648	3777718
G	1 (17 ft)	562704	3777726	G	1 (14 ft)	562633	3777670
G	1 (7 ft)	562698	3777712	M	2 (7 & 12 ft)	562636	3777600
G	1 (10 ft)	562701	3777645	G	7 (3 to 6 ft)	562639	3777540
G	1 (15 ft)	562702	3777641	G	2 (4 & 13 ft)	562626	3777550
G	1 (10 ft)	562695	3777624	G	2 (3 & 9 ft)	562628	3777673
G	1 (8 ft)	562696	3777623	M	2 (1 & 9 ft)	562622	3777684
M	11 (ft)	562701	3777508	G	1 (9 ft)	562616	3777643

DATA FOR JOSHUA TREE & OTHER SPECIES OBSERVATIONS					
Condition = Poor (P), Moderate (M), and Healthy (H)					
Condition	**NO. TRUNKS (HEIGHT)**	**EAST**	**NORTH**	**EAST**	**NORTH**
G	4 (1 to 8 ft)	562612	3777617	**Catclaw Acacia**	
G	2 (3 & 8 ft)	562614	3777520	562809	3777406
M	1 (3 ft)	562615	3777496	562754	3777422
M	2 (1 & 2 ft)	562617	3777493	562733	3777374
G	3 (2 to 6 ft)	562608	3777488	562675	3777412
G	1 (8 ft)	562610	3777587	562671	3777391
M	1 (12 ft)	562601	3777690	562655	3777438
G	1 (8 ft)	562594	3777688	562642	3777401
G	1 (13 ft)	562592	3777637	562638	3777439
G	1 (1 ft)	562599	3777621	562648	3777527
G	1 (8 ft)	562680	3777549	562583	3777477
G	1 (13 ft)	562688	3777563	562566	3777394
G	1 (10 ft)	562685	3777567	**Smoke Tree**	
G	1 (9 ft)	562683	3777597	562761	3777409
G	1 (14 ft)	562690	3777639	562757	3777407
G	1 (8 ft)	562685	3777666	562720	3777422
G	2 (3 & 8 ft)	562676	3777681	562718	3777422
G	3 (6 to 11 ft)	562676	3777637	562685	3777384
M	1 (7 ft)	562675	3777614	562664	3777384
M	1 (13 ft)	562671	3777510	562832	3777499
G	1 (13 ft)	562674	3777492	**Desert Unicorn-Plant**	
M	1 (12 ft)	562669	3777493	562904	3777449
M	1 (8 ft)	562663	3777491		
G	1 (9 ft)	562662	3777625		
G	3 (2 to 12 ft)	562666	3777660		
G	1 (7 ft)	562659	3777718		
G	2 (2 & 12 ft)	562657	3777698		
G	1 (14 ft)	562654	3777571		
G	1 (11 ft)	562652	3777495		
M	1 (13 ft)	562647	3777476		
M	1 (12 ft)	562643	3777475		
G	1 (12 ft)	562595	3777553		
M	1 (9 ft)	562580	3777485		
M	1 (16 ft)	562586	3777489		
G	1 (14 ft)	562589	3777504		

Appendix B

Historical/Archaeological Resources Survey Report
Assessor's Parcel Number 0602-371-06
Joshua Tree, San Bernardino County, California,

prepared by

CRM TECH

April 9, 2021 (Revised November 13, 2023)

HISTORICAL/ARCHAEOLOGICAL RESOURCES SURVEY REPORT

Assessor's Parcel Number 0602-371-06

Joshua Tree, San Bernardino County, California

For Submittal to:

Planning Division
County of San Bernardino
Jerry Lewis High Desert Government Center
15900 Smoke Tree Street, Suite 131
Hesperia, CA 92345

Prepared for:

NV5
42-829 Cook Street, Suite 104
Palm Desert, CA 92211

Prepared by:

CRM TECH
1016 East Cooley Drive, Suite A/B
Colton, CA 92324

Bai "Tom" Tang, Principal Investigator
Michael Hogan, Principal Investigator

April 9, 2021
Revised November 13, 2023
CRM TECH Contract No. 3701

Title: Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0602-371-06, Joshua Tree, San Bernardino County, California

Authors: Bai "Tom" Tang, Principal Investigator/Historian
Deirdre Encarnación, Archaeologist/Report Writer
Hunter O'Donnell, Archaeologist

Consulting Firm: CRM TECH
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Date: April 9, 2021
Revised November 13, 2023

For Submittal to: Planning Division
County of San Bernardino
Jerry Lewis High Desert Government Center
15900 Smoke Tree Street, Suite 131
Hesperia, CA 92345
(760) 995-8140

Prepared for: Eric Kleinbub
C/o NV5
42-829 Cook Street, Suite 104
Palm Desert, CA 92211
(760) 341-3101

USGS Quadrangle: Joshua Tree North, Calif., 7.5' quadrangle (Section 26, T1N R6E, San Bernardino Baseline and Meridian)

Project Size: Approximately 40 acres

Keywords: Southern Mojave Desert; Phase I cultural resources survey; no "historical resources" under CEQA

MANAGEMENT SUMMARY

Between February and April 2021, at the request of NV5, CRM TECH performed a cultural resources study on 40 acres of undeveloped land in the unincorporated community of Joshua Tree, San Bernardino County, California. The project area consists of Assessor's Parcel Number 0602-371-06, located at the northwest corner of Sunset Road and Twentynine Palms Highway (State Route 62), in the southeast quarter of Section 26, T1N R6E, San Bernardino Baseline and Meridian.

The study is part of the environmental review process for a proposed development on the property. The County of San Bernardino, as the lead agency for the project, required the study in compliance with the California Environmental Quality Act (CEQA). The purpose of this study is to provide the County with the necessary information and analysis to determine whether the proposed project would cause a substantial adverse change to any "historical resources," as defined by CEQA, that may exist in or around the project area.

In order to identify such resources, CRM TECH reviewed the results of a recently completed proximal historical/archaeological resources records search, initiated a Native American Sacred Lands File search, pursued historical background research, and carried out an intensive-level field survey. Throughout the course of these research procedures, no potential "historical resources" were encountered within the project area.

Based on these findings, CRM TECH recommends to the County of San Bernardino a finding of *No Impact* regarding "historical resources." No further cultural resources investigation is recommended for the project unless development plans undergo such changes as to include areas not covered by this study. However, if buried cultural materials are encountered during future earth-moving operations on the property resulting from the subdivision, all work within 50 feet of the discovery should be halted or diverted until a qualified archaeologist can evaluate the nature and significance of the finds.

TABLE OF CONTENTS

MANAGEMENT SUMMARY i
INTRODUCTION 1
SETTING 4
Current Natural Setting 4
Cultural Setting 5
Prehistoric Context 5
Ethnohistoric Context 5
Historic Context 6
RESEARCH METHODS 7
Records Search 7
Sacred Lands File Search 8
Historical Research 8
Field Survey 8
RESULTS AND FINDINGS 8
Records Search 8
Sacred Lands File Search 9
Historical Research 9
Field Survey 11
DISCUSSION 12
CONCLUSION AND RECOMMENDATIONS 12
REFERENCES 13
APPENDIX 1: Personnel Qualifications 16
APPENDIX 2: Sacred Lands File Search Results 20

LIST OF FIGURES

Figure 1. Project vicinity 1
Figure 2. Project area 2
Figure 3. Aerial view of the project area 3
Figure 4. Typical landscape in the project area 4
Figure 5. Previous cultural resources studies within the scope of the records search 10
Figure 6. The project area and vicinity in 1855-1856 11
Figure 7. The project area and vicinity in 1952 11
Figure 8. The project area and vicinity in 1970-1972 11

INTRODUCTION

Between February and April 2021, at the request of NV5, CRM TECH performed a cultural resources study on 40 acres of undeveloped land in the unincorporated community of Joshua Tree, San Bernardino County, California (Fig. 1). The project area consists of Assessor's Parcel Number 0602-371-06, located at the northwest corner of Sunset Road and Twentynine Palms Highway (State Route 62), in the southeast quarter of Section 26, T1N R6E, San Bernardino Baseline and Meridian (Figs. 2, 3).

The study is part of the environmental review process for a proposed development on the property. The County of San Bernardino, as the lead agency for the project, required the study in compliance with the California Environmental Quality Act (CEQA; PRC §21000, et seq.). The purpose of this study is to provide the County with the necessary information and analysis to determine whether the proposed project would cause a substantial adverse change to any "historical resources," as defined by CEQA, that may exist in or around the project area.

In order to identify such resources, CRM TECH reviewed the results of a recently completed proximal historical/archaeological resources records search, initiated a Native American Sacred Lands File search, pursued historical background research, and carried out an intensive-level field survey. The following report is a complete account of the methods, results, and final conclusion of the study. Personnel who participated in the study are named in the appropriate sections below, and their qualifications are provided in Appendix 1.

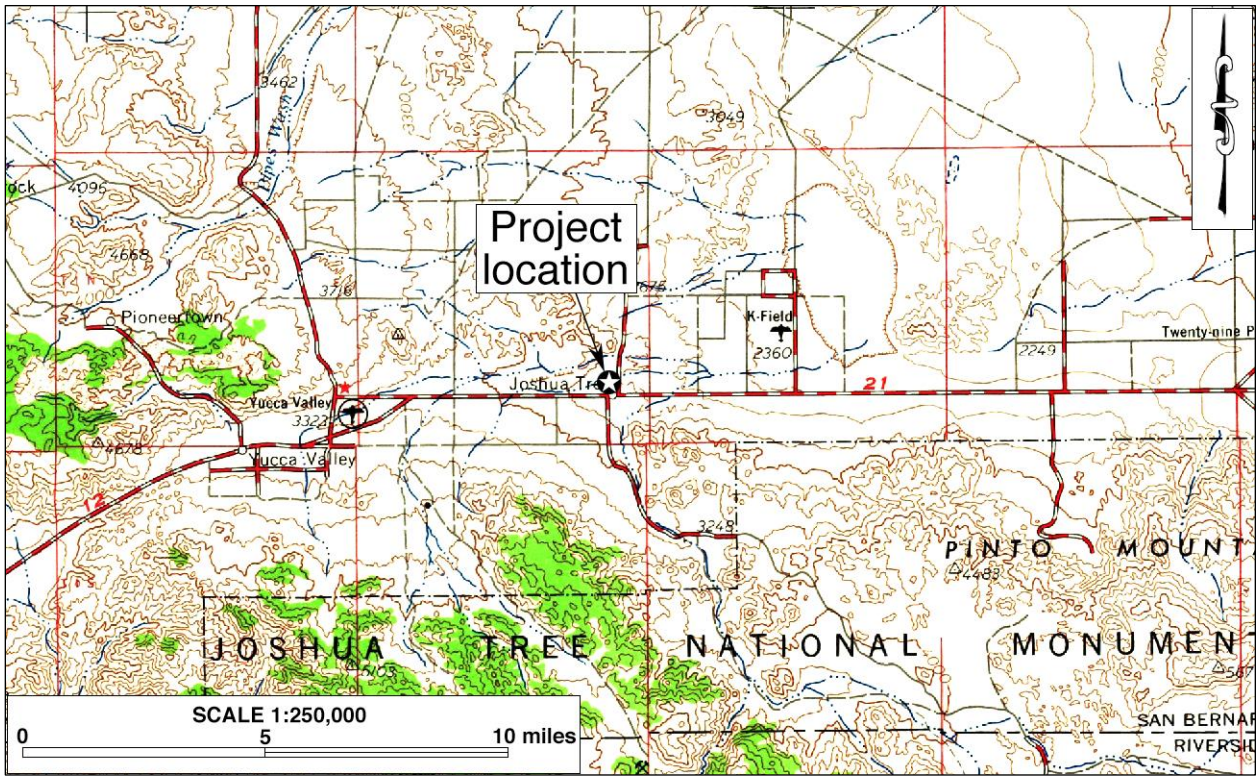


Figure 1. Project vicinity. (Based on USGS San Bernardino, Calif., 120'x60' quadrangle [USGS 1969])

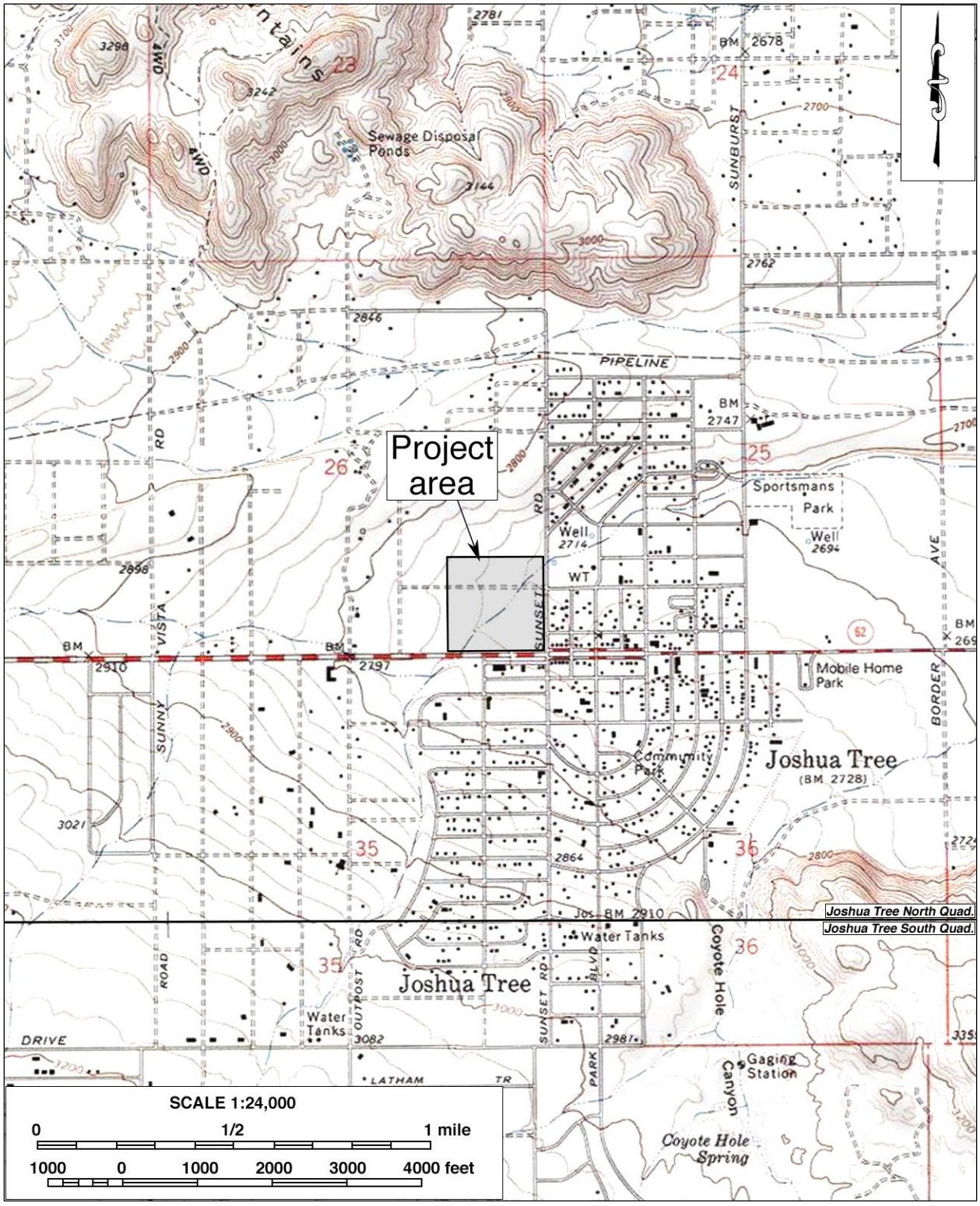


Figure 2. Project area. (Based on USGS Joshua Tree North and Joshua Tree South, Calif., 7.5' quadrangles [USGS 1994a; 1994b])



Figure 3. Aerial view of the project area.

SETTING

CURRENT NATURAL SETTING

The community of Joshua Tree is located in the Morongo Basin, on the southern edge of the Mojave Desert, to the north of the Little San Bernardino Mountains and west of the Pinto Mountains. The climate and environment of the area is typical of southern California "high desert" country, so-called because of its higher elevation than the Colorado Desert to the south. The climate is marked by extremes in temperature and aridity, with summer highs in July averaging over 100ºF and winter lows in December averaging 35ºF. The average annual precipitation is roughly five inches, most of which occurs during late winter, early spring, and the occasional monsoon storms in summer.

Situated in the central portion of the small town, the undeveloped project area is bounded by Sunset Road on the east, Twentynine Palms Highway on the south, and Verbena Road on the north, adjoining a housing complex and undeveloped land on the west (Fig. 3). The surrounding area includes commercial and residential properties as well as the local library, post office, churches, and hotels. Two sets of power transmission lines traverse the property in an east-west direction, with the northern line paralleling the unpaved Chollita Road, one of several dirt roads across the project area.

Elevations in the project area range approximately from 2,735 to 2,765 feet above mean sea level, with a slight incline to the west. Several drainages traverse the project area in a northeast-southwest direction. Refuse is scattered along the dirt roads and drainages, primarily construction and landscaping debris including lumber, nails, asphalt, pipes, and a recently worked mass of obsidian. A transient encampment sits in the northwest corner of the property. Vegetation observed includes Joshua trees, mesquite, yucca, creosote bush, several varieties of cholla and beavertail cactus, and other small grasses and brush (Fig. 4).



Figure 4. Typical landscape in the project area. (Photograph taken on February 12, 2021; view to the northeast along an unpaved road)

CULTURAL SETTING

Prehistoric Context

In order to understand the progress of Native American cultures prior to European contact, archaeologists have devised chronological frameworks on the basis of artifacts and site types that date back some 12,000 years. Currently, the chronology most frequently applied in the Mojave Desert divides the region's prehistory into five periods marked by changes in archaeological remains, reflecting different ways in which Native peoples adapted to their surroundings. According to Warren (1984) and Warren and Crabtree (1986), the five periods are as follows: the Lake Mojave Period, 12,000 years to 7,000 years ago; the Pinto Period, 7,000 years to 4,000 years ago; the Gypsum Period, 4,000 years to 1,500 years ago; the Saratoga Springs Period, 1,500 years to 800 years ago; and the Protohistoric Period, 800 years ago to European contact.

More recently, Hall (2000) presented a slightly different chronology for the region, also with five periods: Lake Mojave (ca. 8000-5500 B.C.), Pinto (ca. 5500-2500 B.C.), Newberry (ca. 1500 B.C.-500 A.D.), Saratoga (ca. 500-1200 A.D.), and Tecopa (ca. 1200-1770s A.D.). According to Hall (*ibid*.:14), small mobile groups of hunters and gatherers inhabited the Mojave Desert during the Lake Mojave sequence. Their material culture is represented by the Great Basin Stemmed points and flaked stone crescents. These small, highly mobile groups continued to inhabit the region during the Pinto Period, which saw an increased reliance on ground foods, small and large game animals, and the collection of vegetal resources, suggesting that "subsistence patterns were those of broad-based foragers" (*ibid*.:15). Artifact types found in association with this period include the Pinto points and *Olivella* sp. spire-lopped beads.

Distinct cultural changes occurred during the Newberry Period, in comparison to the earlier periods, including "geographically expansive land-use pattern…involving small residential groups moving between select localities," long-distance trade, and diffusion of trait characteristics (Hall 2000:16). Typical artifacts from this period are the Elko and Gypsum Contracting Stem points and Split Oval beads. The two ensuing periods, Saratoga and Tecopa, are characterized by seasonal group settlements near accessible food resources and the intensification of the exploitation of plant foods, as evidenced by groundstone artifacts (*ibid*.:16).

Hall (2000:16) states that "late prehistoric foraging patterns were more restricted in geographic routine and range, a consequence of increasing population density" and other variables. Saratoga Period artifact types include Rose Spring and Eastgate points as well as Anasazi grayware pottery. Artifacts from the Tecopa Period include Desert Side-notched and Cottonwood Triangular points, buffware and brownware pottery, and beads of the Thin Lipped, Tiny Saucer, Cupped, Cylinder, steatite, and glass types (*ibid*.).

Ethnohistoric Context

The Native American groups living near the project location in recent centuries were the Serrano and the Chemehuevi. The Serrano's homeland was centered in the nearby San Bernardino Mountains but also included lowlands along both flanks of the mountain range. The Chemehuevi, a subgroup of the Southern Paiute, traditionally occupied the portion of the Mojave Desert extending east to the

Colorado River. Both groups belong to the larger Shoshonean language stock, which in turn is part of the Uto-Aztecan linguistic family. The leading anthropological works on the Chemehuevi include Kroeber (1925), Laird (1976), and Kelly and Fowler (1986), while the basic references on the Serrano are Kroeber (1925), Strong (1929), and Bean and Smith (1978). The following ethnohistoric discussion is based primarily on these sources.

Prior to European contact, native subsistence practices were defined by the surrounding landscape and were based primarily on the cultivating and gathering of wild foods and hunting, exploiting nearly all of the resources available. The Serrano settled mostly on elevated terraces, hills, and finger ridges near where flowing water emerged from the mountains, while the Chemehuevi, with fewer people spread over a much wider area, cultivated, gathered, and hunted in the open deserts, but were also known for their agricultural practices, in particular the cultivation of corn, beans, squash, and melons. Social customs brought members of each tribe together at important base camps or villages for annual ceremonies and tribal interaction with neighboring groups.

Both tribal groups had a variety of technological skills that they used to acquire subsistence, shelter, and medicine or to create ornaments and decorations. Common tools included manos and metates, mortars and pestles, hammerstones, fire drills, awls, arrow straighteners, and stone knives and scrapers. These lithic tools were made from locally sourced material as well as materials procured through trade or travel. They also used wood, horn, and bone spoons and stirrers; baskets for winnowing, leaching, grinding, transporting, parching, storing, and cooking; and pottery vessels for carrying water, storage, cooking, and serving food and drink. Much of this material cultural, elaborately decorated, does not survive in the archaeological record. As usual, the main items found archaeologically relate to subsistence activities.

Although contact with Europeans may have occurred as early as 1771 or 1772, direct European influence on Serrano and Chemehuevi lifeways began in the 1810s, when the mission system expanded to the edge of Serrano territory. Between then and the end of the mission era in 1834, most of the Serrano were removed to the nearby missions. While less affected by Spanish and Mexican policies due to their more remote location, the Chemehuevi experienced increasing conflict with encroaching Euroamerican prospectors and settlers during the late 19th century. By the early 20th century, the majority of Serrano and Chemehuevi population was incorporated into the reservation system. Today, most Serrano descendants are found on the San Manuel and the Morongo Indian Reservations, while the Chemehuevi are divided among the Chemehuevi, the Colorado River, and the Morongo Reservations.

Historic Context

Because of its harsh, unforgiving environment, non-Native settlement in the Mojave Desert was late to start and slow in subsequent development. Although the Mojave Desert received its first European visitor, the famed Spanish explorer Francisco Garcés, as early as 1776 (Beck and Haase 1974:15), for the next 70 years the inland regions of Alta California were largely ignored by the Spanish and Mexican authorities in their colonization schemes. During that period, the presence of non-Natives in the Mojave Desert was essentially confined to a few trails that were established over the years, most notably the Old Spanish Trail, a pack-train road established between southern California and Santa Fe, New Mexico, in the 1830s (Warren 2004).

Beginning in the early 1860s, as the gold mines in the Mother Lode country of the Sierra Nevada declined in production, groups of former forty-niners embarked on fresh explorations into the desert between California, Nevada, and Arizona. Before long, new mining districts sprang up throughout the Mojave Desert. However, the discovery of these early bonanzas was frequently incidental to travel across the desert to richer diggings elsewhere, as in the case of the La Paz gold rush in Arizona (Warren et al. 1981:96). A few renowned mining towns, such as Ivanpah and Calico, boomed in the 1870s and 1880s, but the first major strike in the Mojave Desert did not occur until the Old Woman Mountains boom of 1898-1901 (Gallegos et al. 1980:133).

In the mid-19th century, a few new trails were developed on the basis of the Old Spanish Trail, such as the Mormon Trail and the Mojave Road, by which many of the legendary wagon trains from the eastern U.S. entered California. Since the 1870s, the Mojave Desert has seen the establishment of a number of modern transportation thoroughfares across its vast reaches, including the Southern Pacific, the Santa Fe, and the Union Pacific Railroads; the fabled U.S. Route 66; and today's Interstate Highways 15 and 40. Several urban centers have gradually emerged along these arteries, mostly along the western and southern rims of the Mojave Desert. The bulk of the region, however, remains sparsely populated and rarely touched by human activities, even to the present time.

Although ranchers and miners began to arrive in the area in the late 1800s, the modern-day community of Joshua Tree traces its roots to the Desert Queen Ranch, which was founded in 1918 by William Keys and his wife Frances M. Lawton and is now known as Keys Ranch in the boundaries of the Joshua Tree National Park (Joshua Tree Village n.d.). Homesteaders began settling the area in earnest in the 1930s, and it was also at that time that the Joshua Tree National Monument was established (NPS n.d.). Minerva Hoyt, a Pasadena resident and desert plant aficionado, became concerned about the removal of cacti and other plants to the gardens of Los Angeles, and her efforts to protect the area culminated in 825,000 acres being set aside as Joshua Tree National Monument in 1936 (*ibid*.). The area sees millions of visitors annually, but the year-round population of this rural desert community was just under 7,000 as of 2018 (USCB n.d.).

RESEARCH METHODS

RECORDS SEARCH

Due to facility closure during the COVID-19 pandemic and the resulting delays, a records search for this study could not be obtained in time from the South Central Coastal Information Center (SCCIC), California State University, Fullerton, which is the State of California's official cultural resource records repository for the County of San Bernardino. Instead, the results of a previous records search that was focused on a property located a half-mile to the east of the project area, on the north side of Twentynine Palms Highway, were reviewed for information pertaining to the current project area.

The prior records search was conducted on January 16 and February 26, 2019, by CRM TECH archaeologist Ben Kerridge, who examined maps and records on file at the SCCIC for previously identified cultural resources and existing cultural resources reports within a one-mile radius of that

location. Previously identified cultural resources include properties designated as California Historical Landmarks, Points of Historical Interest, or San Bernardino County Historical Landmarks as well as those listed in the National Register of Historic Places, the California Register of Historical Resources, or the California Historical Resources Inventory.

SACRED LANDS FILE SEARCH

On February 2, 2021, CRM TECH submitted a written request to the State of California Native American Heritage Commission (NAHC) for a records search in the commission's Sacred Lands File. The NAHC is the State of California's trustee agency for the protection of "tribal cultural resources," as defined by California Public Resources Code §21074, and is tasked with identifying and cataloging properties of Native American cultural value throughout the state, including places of special religious, spiritual, or social significance and known graves and cemeteries. As an additional effort to incorporate Native American input, CRM TECH also corresponded with the nearby Twentynine Palms Band of Mission Indians on February 2-8, 2021, to notify the tribe of the upcoming archaeological field survey and coordinate tribal participation (see below).

HISTORICAL RESEARCH

Historical background research for this study was conducted by CRM TECH principal investigator/ historian Bai "Tom" Tang. Sources consulted during the research included published literature in local history as well as historical maps and aerial photographs of the project vicinity. Among the maps consulted for this study were the U.S. General Land Office's (GLO) land survey plat maps dated 1856 and the U.S. Geological Survey's (USGS) topographic maps dated 1955-1994, which are available at the websites of the U.S. Bureau of Land Management and the USGS. The aerial photographs, taken in 1970-2019, are accessed at the Nationwide Environmental Title Research (NETR) Online website and through the Google Earth software.

FIELD SURVEY

On February 12, 2021, CRM TECH archaeologists Nina Gallardo and Hunter O'Donnell carried out the field survey of the project area with the assistance of cultural resources specialist Kelsey Bosch from the Twentynine Palms Band of Mission Indians. The survey was completed at an intensive level by walking a series of parallel north-south transects spaced 15 meters (approximately 50 feet) apart. In this way, the ground surface in the entire project area was systematically and carefully examined for any evidence of human activities dating to the prehistoric or historic period (i.e., 50 years ago or older). Ground visibility was good (80-85%) throughout the project area despite the light vegetation growth.

RESULTS AND FINDINGS

RECORDS SEARCH

The records search results indicate that the project area had not been surveyed for cultural resources as of 2019, and no cultural resources had been recorded within project boundaries. Within the half-mile radius of the current project area, SCCIC records identify four previous studies carried out

between 1977 and 2009 on various tracts of land and linear features, including two linear surveys adjacent to the southern project boundary along Twentynine Palms Highway (Fig. 5). These and other similar studies in the vicinity resulted in the recordation of 28 historical/archaeological resources within the half-mile radius. All of these known cultural resources dated to the historic period, and no prehistoric—i.e., Native American—resources were previously found within the scope of the records search for this study.

Nearest to the project area, the roads outside but adjacent to the southern and eastern project boundaries had been previously recorded as Sites 36-010525 and 36-024673 in the California Historical Resources Inventory, respectively. Site 36-010525 (CA-SBR-10525H) represents a segment of what is now Twentynine Palms Highway, which was built mostly after World War II (Purcell 2000). Site 36-024673 represents a segment of Sunset Road, a two-lane paved road, which is known to have been present by the 1950s (Kremkau 2011).

The other 26 previously identified cultural resources within the records search scope included eight additional roads, 17 buildings, the Joshua Tree commercial district, and one piece of folk art, namely a large outdoor turtle sculpture. The buildings were predominantly commercial in nature and dated from the late 1930s to the early 1960s. None of these localities were identified within the project area, and none will be impacted by the proposed project. Therefore, none of them require further consideration during this study.

SACRED LANDS FILE SEARCH

In response to CRM TECH's inquiry, the NAHC reports in a letter dated February 17, 2021, that Sacred Lands File identified no Native American cultural resources in the project vicinity. Noting that the absence of specific information does not necessarily indicate the absence of such resources, however, the NAHC recommends that local Native American groups be consulted for further information and provided a referral list of potential contacts. The NAHC's reply is attached to this report in Appendix 2 for reference by the County of San Bernardino in future government-to-government consultations with the pertinent tribal groups, if necessary.

HISTORICAL RESEARCH

Despite its location near the commercial center of the community of Joshua Tree, historic maps consulted for this study suggest that the project area is relatively low in sensitivity for cultural resources from the historic period (Figs. 6-8). In the 1850s-1860s, when the U.S. government conducted the earliest systematic land surveys in the Mojave Desert, no man-made features of any kind were observed in or near the project area (Fig. 6). The community of Joshua Tree developed gradually and largely organically after 1911 as homesteaders trickled to the area, and the pace accelerated during the post-WWII "baby homestead rush" (Garrett 1992:35-36).

By 1952, the town of Joshua Tree had grown almost to its present-day extent, although not to the same level of density, and both Twentynine Palms Highway and Sunset Road were in place along the project boundaries, with the pace of development continuing through the next two decades (Figs. 7, 8). Despite these developments nearby, and despite various buildings constructed on adjacent properties over the years, the project area itself has evidently remained entirely vacant and

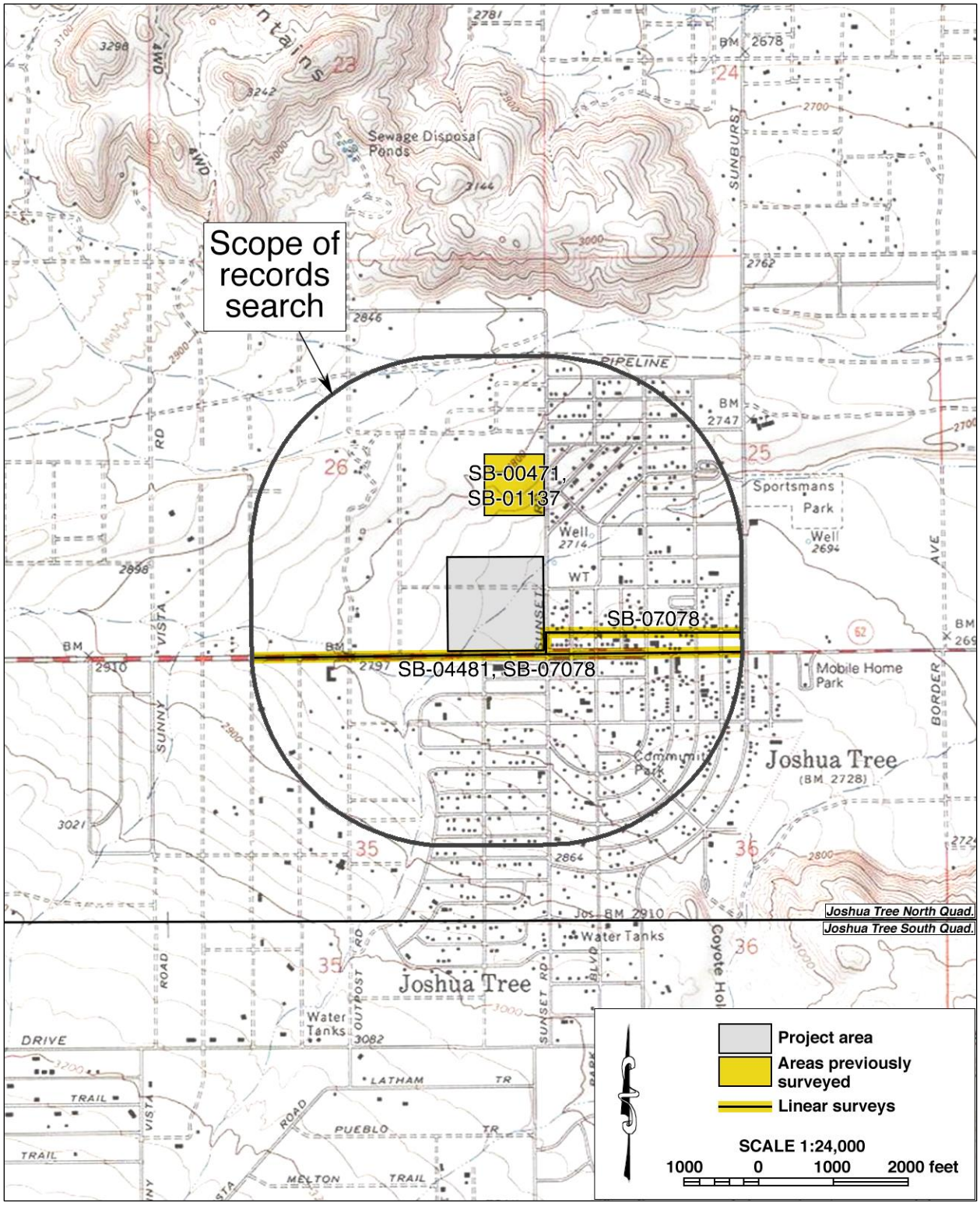


Figure 5. Previous cultural resources studies within a half-mile radius of the project area. Location of historical/ archaeological resources are not shown as a protective measure.

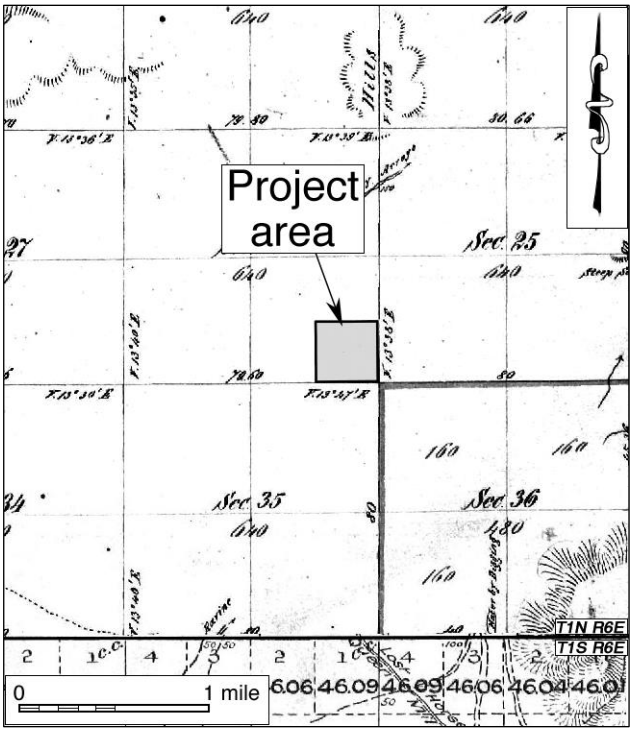


Figure 6. The project area and vicinity in 1855-1856. (Source: GLO 1856a; 1856b)

undeveloped to the present time (Fig. 2; NETR Online 1970-2016; Google Earth 1989-2019).

FIELD SURVEY

The intensive-level field survey produced a negative finding for potential "historical resources," and no buildings, structures, objects, sites, features, or artifacts of prehistoric or historical origin were encountered. Portions of the project area demonstrate signs of past ground disturbance, especially along the drainages, dirt roads, and the existing roadways adjacent to the property. Much refuse was observed on the property, primarily construction and landscaping waste, but all of the items appear to be of modern origin, and none of them are of any historical/archaeological interest. A chunk of obsidian discarded amid landscaping debris exhibits a worked surface, but the markings are clearly recent in origin.

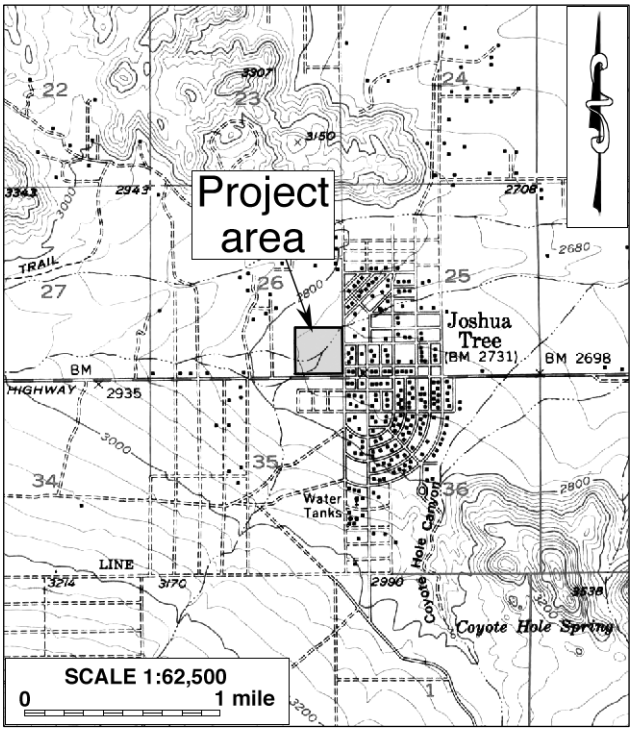


Figure 7. The project area and vicinity in 1952. (Source: USGS 1955)

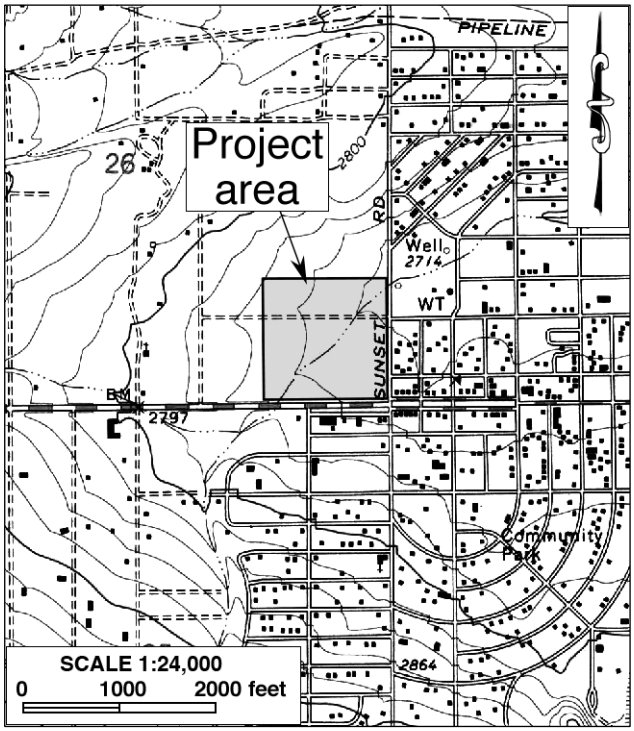


Figure 8. The project area and vicinity in 1970-1972-1972. (Source: USGS 1972)

DISCUSSION

The purpose of this study is to identify any cultural resources within the project area, and to assist the County of San Bernardino in determining whether such resources meet the official definition of "historical resources," as provided in the California Public Resources Code, in particular CEQA. According to PRC §5020.1(j), "'historical resource' includes, but is not limited to, any object, building, site, area, place, record, or manuscript which is historically or archaeologically significant, or is significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California."

More specifically, CEQA guidelines state that the term "historical resources" applies to any such resources listed in or determined to be eligible for listing in the California Register of Historical Resources, included in a local register of historical resources, or determined to be historically significant by the lead agency (Title 14 CCR §15064.5(a)(1)-(3)). Regarding the proper criteria for the evaluation of historical significance, CEQA guidelines mandate that "generally a resource shall be considered by the lead agency to be 'historically significant' if the resource meets the criteria for listing on the California Register of Historical Resources" (Title 14 CCR §15064.5(a)(3)). A resource may be listed in the California Register if it meets any of the following criteria:

(1) Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.
(2) Is associated with the lives of persons important in our past.
(3) Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values.
(4) Has yielded, or may be likely to yield, information important in prehistory or history. (PRC §5024.1(c))

In summary of the research results presented above, no potential "historical resources" were previously recorded within the project area, and none were found during the present survey. In addition, no notable cultural features were known to be present within the project area throughout the historic period. While Twentynine Palms Highway and Sunset Road, located adjacent to the southern and eastern project boundaries respectively, both date to the late historic period and were previously recorded as Sites 36-010525 and 36-024673, at this location both are essentially modern infrastructure elements that retain no historical characteristics to relate to the pre-modern era. Located outside of project boundaries, neither is likely to receive any impact from the proposed project. Therefore, they require no further consideration in this study.

CONCLUSION AND RECOMMENDATIONS

CEQA establishes that "a project that may cause a substantial adverse change in the significance of a historical resource is a project that may have a significant effect on the environment" (PRC §21084.1). "Substantial adverse change," according to PRC §5020.1(q), "means demolition, destruction, relocation, or alteration such that the significance of a historical resource would be impaired." The results of the present study have established that no "historical resources," as defined by CEQA and associated regulations, are present within the project area. Therefore, CRM TECH presents the following recommendations to the County of San Bernardino:

- The proposed project will not cause a substantial adverse change to any known "historical resources."
- No further cultural resources investigation will be necessary for the project unless development plans undergo such changes as to include areas not covered by this study.
- If any buried cultural materials are encountered during earth-moving operations associated with the project, all work within 50 feet of the discovery should be halted or diverted until a qualified archaeologist can evaluate the nature and significance of the finds.

REFERENCES

Bean, Lowell John, and Charles R. Smith
1978 Serrano. In Robert F. Heizer (ed.): *Handbook of North American Indians*, Vol. 8: *California*; pp. 570-574. Smithsonian Institution, Washington, D.C.

Beck, Warren A., and Ynez D. Haase
1974 *Historical Atlas of California*. University of Oklahoma Press, Norman, Oklahoma.

Bellisi, Lou
n.d. BLM and the Small Tract Act in the Southern California Desert: A Brief History. http://www.publicland.org/35_archives/documents/doc_1306_bellesi.html.

BLM (Bureau of Land Management, U.S. Department of the Interior)
n.d. The Official Federal Land Records Site. http://www.glorecords.blm.gov.

County Assessor, San Bernardino
n.d. Property Information Management System Internet Site. http://www.sbcounty.gov/assessor/pims/.

Epperson, Greg
2020 Personal communication.

Gallegos, Dennis, John Cook, Emma Lou Davis, Gary Lowe, Frank Norris, and Jay Thesken
1980 Cultural Resources Inventory of the Central Mojave and Colorado Desert Regions, California. U.S. Bureau of Land Management, California Desert District, Riverside.

Garrett, Lewis
1992 *Postal History of San Bernardino County*. *San Bernardino County Museum Association Quarterly* 39(4).

GLO (General Land Office, U.S. Department of the Interior)
1856a Plat Map: Township No. 1 North Range No. 6 East, San Bernardino Meridian; surveyed in 1855-1856.
1856b Plat Map: Township No. I South Range No. VI West, San Bernardino Meridian; surveyed in 1852-1856.

Google Earth
1989-2019 Aerial photographs of the project vicinity; taken in 1989, 1994, 1995, 2003, 2005-2007, 2009, 2011-2013, and 2015-2019. Available through the Google Earth software.

Hall, M.C.
2000 Archaeological Survey of 2472 Acres in Adjacent Portions of Lava, Lead Mountain, and Cleghorn Pass Training Areas, Marine Corps Air Ground Combat Center, Twentynine Palms, California (Volume I). Report prepared by the Archaeological Research Unit, University of California, Riverside, for the United States Marine Corps Natural Resources and Environmental Affairs Division.

Joshua Tree Village
n.d. Joshua Tree History and Boundaries. https://www.joshuatreevillage.com:8000/237/237.htm.
Kelly, Isabel T., and Catherine S. Fowler
1986 Southern Paiute. In Warren L. D'Azevedo (ed.): *Handbook of North American Indians*, Vol. 11: *Great Basin*; pp. 368-397. Smithsonian Institution, Washington, D.C.
Kremkau, S.
2011 California Historical Resources Inventory record form, Site 36-024673 (CA-SBR-15714H). On file, South Central Coastal Information Center, California State University, Fullerton.
Kroeber, Alfred L.
1925 *Handbook of the Indians of California*. Bureau of American Ethnology Bulletin 78. Washington, D.C.
Laird, Carobeth
1976 *The Chemehuevis*. Malki Museum Press, Banning, California.
NETR (Nationwide Environmental Title Research) Online
1970-2016 Aerial photographs of the project vicinity; taken in 1970, 1983, 1989, 1994, 1995, 2005, 2009, 2010, 2012, 2014, and 2016. http://www. historicaerials.com.
NPS (National Park Service, U.S. Department of the Interior)
n.d. Joshua Tree National Park, California: Park History. https://www.nps.gov/jotr/learn/historyculture/parkhistory.htm.
Purcell, D.E.
2000 California Historical Resources Inventory record form, Site 36-0101525 (CA-SBR-10525H). On file, South Central Coastal Information Center, California State University, Fullerton.
Strong, William Duncan
1929 *Aboriginal Society in Southern California*. University of California Publications in American Archaeology and Ethnology 26. Reprinted by Malki Museum Press, Banning, California, 1972.
USCB (United States Census Bureau, U.S. Department of Commerce)
n.d. 2018 Joshua Tree Population. https://data.census.gov/cedsci/table?q=2018%20joshua%20tree%20population&tid=ACSDP5Y2018.DP05.
USGS (United States Geological Survey, U.S. Department of the Interior)
1955 Map: Joshua Tree, Calif. (15', 1:62,500); aerial photographs taken in 1952.
1969 Map: San Bernardino, Calif. (120'x60', 1:250,000); 1958 edition revised.
1972 Map: Joshua Tree North, Calif. (7.5', 1:24,000); aerial photographs taken in 1970, field-checked in 1972.
1994a Map: Joshua Tree North, Calif. (7.5', 1:24,000); 1972 edition revised in 1994.
1994b Map: Joshua Tree South, Calif. (7.5', 1:24,000); 1972 edition revised in 1994.
Verdin, Tom
2000 Homesteader Legacy Leaves Desert Littered with Abandoned Shacks. *The Los Angeles Times* November 5.
Warren, Claude N.
1984 The Desert Region. In Michael J. Moratto (ed.): *California Archaeology*; pp. 339-430. Academic Press, Orlando, Florida.

Warren, Claude N., and Robert H. Crabtree
1986 Prehistory of the Southwestern Area. In Warren L. D'Azevedo (ed.): *Handbook of North American Indians*, Vol. 11: *Great Basin*; pp. 183-193. Smithsonian Institution, Washington, D.C.
Warren, Elizabeth von Till
2004 The Old Spanish National Historic Trail. http://oldspanishtrail.org/our-history.
Warren, Elizabeth von Till, Robert H. Crabtree, Claude N. Warren, Martha Knack, and Richard McCarty
1981 A Cultural Resources Overview of the Colorado Desert Planning Units. U.S. Bureau of Land Management, California Desert District, Riverside.

APPENDIX 1:
PERSONNEL QUALIFICATIONS

PRINCIPAL INVESTIGATOR/HISTORIAN
Bai "Tom" Tang, M.A.

Education

1988-1993	Graduate Program in Public History/Historic Preservation, University of California, Riverside.
1987	M.A., American History, Yale University, New Haven, Connecticut.
1982	B.A., History, Northwestern University, Xi'an, China.
2000	"Introduction to Section 106 Review," presented by the Advisory Council on Historic Preservation and the University of Nevada, Reno.
1994	"Assessing the Significance of Historic Archaeological Sites," presented by the Historic Preservation Program, University of Nevada, Reno.

Professional Experience

2002-	Principal Investigator, CRM TECH, Riverside/Colton, California.
1993-2002	Project Historian/Architectural Historian, CRM TECH, Riverside, California.
1993-1997	Project Historian, Greenwood and Associates, Pacific Palisades, California.
1991-1993	Project Historian, Archaeological Research Unit, University of California, Riverside.
1990	Intern Researcher, California State Office of Historic Preservation, Sacramento.
1990-1992	Teaching Assistant, History of Modern World, University of California, Riverside.
1988-1993	Research Assistant, American Social History, University of California, Riverside.
1985-1988	Research Assistant, Modern Chinese History, Yale University.
1985-1986	Teaching Assistant, Modern Chinese History, Yale University.
1982-1985	Lecturer, History, Xi'an Foreign Languages Institute, Xi'an, China.

Cultural Resources Management Reports

Preliminary Analyses and Recommendations Regarding California's Cultural Resources Inventory System (with Special Reference to Condition 14 of NPS 1990 Program Review Report). California State Office of Historic Preservation working paper, Sacramento, September 1990.

Numerous cultural resources management reports with the Archaeological Research Unit, Greenwood and Associates, and CRM TECH, since October 1991.

PRINCIPAL INVESTIGATOR/ARCHAEOLOGIST
Michael Hogan, Ph.D., RPA (Registered Professional Archaeologist)

Education

1991	Ph.D., Anthropology, University of California, Riverside.
1981	B.S., Anthropology, University of California, Riverside; with honors.
1980-1981	Education Abroad Program, Lima, Peru.
2002	"Section 106—National Historic Preservation Act: Federal Law at the Local Level," UCLA Extension Course #888.
2002	"Recognizing Historic Artifacts," workshop presented by Richard Norwood, Historical Archaeologist.
2002	"Wending Your Way through the Regulatory Maze," symposium presented by the Association of Environmental Professionals.
1992	"Southern California Ceramics Workshop," presented by Jerry Schaefer.
1992	"Historic Artifact Workshop," presented by Anne Duffield-Stoll.

Professional Experience

2002-	Principal Investigator, CRM TECH, Riverside/Colton, California.
1999-2002	Project Archaeologist/Field Director, CRM TECH, Riverside, California.
1996-1998	Project Director and Ethnographer, Statistical Research, Inc., Redlands, California.
1992-1998	Assistant Research Anthropologist, University of California, Riverside.
1992-1995	Project Director, Archaeological Research Unit, U.C. Riverside.
1993-1994	Adjunct Professor, Riverside Community College, Mt. San Jacinto College, U.C. Riverside, Chapman University, and San Bernardino Valley College.
1991-1992	Crew Chief, Archaeological Research Unit, U.C. Riverside.
1984-1998	Project Director, Field Director, Crew Chief, and Archaeological Technician for various southern California cultural resources management firms.

Research Interests

Cultural Resource Management, Southern Californian Archaeology, Settlement and Exchange Patterns, Specialization and Stratification, Culture Change, Native American Culture, Cultural Diversity.

Cultural Resources Management Reports

Principal investigator for, author or co-author of, and contributor to numerous cultural resources management study reports since 1986.

Memberships

Society for American Archaeology; Society for California Archaeology; Pacific Coast Archaeological Society; Coachella Valley Archaeological Society.

PROJECT ARCHAEOLOGIST/REPORT WRITER
Deirdre Encarnación, M.A.

Education

2003	M.A., Anthropology, San Diego State University, California.
2000	B.A., Anthropology, minor in Biology, with honors; San Diego State University, California.
2001	Archaeological Field School, San Diego State University.
2000	Archaeological Field School, San Diego State University.

Professional Experience

2004-	Project Archaeologist/Report Writer, CRM TECH, Riverside/Colton, California.
2001-2003	Part-time Lecturer, San Diego State University, California.
2001	Research Assistant for Dr. Lynn Gamble, San Diego State University.
2001	Archaeological Collection Catalog, SDSU Foundation.

Memberships

Society for California Archaeology; Society for Hawaiian Archaeology; California Native Plant Society; Journal of California and Great Basin Anthropology.

PROJECT ARCHAEOLOGIST/NATIVE AMERICAN LIAISON
Nina Gallardo, B.A.

Education

2004	B.A., Anthropology/Law and Society, University of California, Riverside.

Professional Experience

2004-	Project Archaeologist, CRM TECH, Riverside/Colton, California.

Cultural Resources Management Reports

Co-author of and contributor to numerous cultural resources management reports since 2004.

PROJECT ARCHAEOLOGIST
Hunter C. O'Donnell, B.A.

Education

2016-	M.A. Program, Applied Archaeology, California State University, San Bernardino.
2015	B.A. (*cum laude*), Anthropology, California State University, San Bernardino.
2012	A.A., Social and Behavioral Sciences, Mt. San Antonio College, Walnut, California.
2011	A.A., Natural Sciences and Mathematics, Mt. San Antonio College, Walnut, California.
2014	Archaeological Field School, Santa Rosa Mountains; supervised by Bill Sapp of the United States Forest Service and Daniel McCarthy of the San Manuel Band of Mission Indians.

Professional Experience

2017-	Project Archaeologist, CRM TECH, Colton, California.
2016-2018	Graduate Research Assistant, Applied Archaeology, California State University, San Bernardino.
2016-2017	Cultural Intern, Cultural Department, Pechanga Band of Luiseño Indians, Temecula, California.
2015	Archaeological Intern, U.S. Bureau of Land Management, Barstow, California.
2015	Peer Research Consultant: African Archaeology, California State University, San Bernardino.

APPENDIX 2

SACRED LANDS FILE SEARCH RESULTS

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Laura Miranda
Luiseño

VICE CHAIRPERSON
Reginald Pagaling
Chumash

SECRETARY
Merri Lopez-Keifer
Luiseño

PARLIAMENTARIAN
Russell Attebery
Karuk

COMMISSIONER
William Mungary
Paiute/White Mountain Apache

COMMISSIONER
Julie Tumamait-Stenslie
Chumash

COMMISSIONER
[**Vacant**]

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Pomo

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

February 17, 2021

Nina Gallardo
CRM TECH

Via Email to: ngallardo@crmtech.us

Re: Proposed Joshua Tree Hotel Project, San Bernardino County

Dear Ms. Gallardo:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Andrew.Green@nahc.ca.gov.

Sincerely,

Andrew Green

Andrew Green
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
San Bernardino County
2/17/2021

Agua Caliente Band of Cahuilla Indians
Jeff Grubbe, Chairperson
5401 Dinah Shore Drive — Cahuilla
Palm Springs, CA, 92264
Phone: (760) 699 - 6800
Fax: (760) 699-6919

Agua Caliente Band of Cahuilla Indians
Patricia Garcia-Plotkin, Director
5401 Dinah Shore Drive — Cahuilla
Palm Springs, CA, 92264
Phone: (760) 699 - 6907
Fax: (760) 699-6924
ACBCI-THPO@aguacaliente.net

Morongo Band of Mission Indians
Robert Martin, Chairperson
12700 Pumarra Road — Cahuilla
Banning, CA, 92220 — Serrano
Phone: (951) 849 - 8807
Fax: (951) 922-8146
dtorres@morongo-nsn.gov

Morongo Band of Mission Indians
Denisa Torres, Cultural Resources Manager
12700 Pumarra Road — Cahuilla
Banning, CA, 92220 — Serrano
Phone: (951) 849 - 8807
Fax: (951) 922-8146
dtorres@morongo-nsn.gov

Quechan Tribe of the Fort Yuma Reservation
Jill McCormick, Historic Preservation Officer
P.O. Box 1899 — Quechan
Yuma, AZ, 85366
Phone: (760) 572 - 2423
historicpreservation@quechantribe.com

Quechan Tribe of the Fort Yuma Reservation
Manfred Scott, Acting Chairman
Kw'ts'an Cultural Committee
P.O. Box 1899 — Quechan
Yuma, AZ, 85366
Phone: (928) 750 - 2516
scottmanfred@yahoo.com

San Manuel Band of Mission Indians
Jessica Mauck, Director of Cultural Resources
26569 Community Center Drive — Serrano
Highland, CA, 92346
Phone: (909) 864 - 8933
jmauck@sanmanuel-nsn.gov

Santa Rosa Band of Cahuilla Indians
Lovina Redner, Tribal Chair
P.O. Box 391820 — Cahuilla
Anza, CA, 92539
Phone: (951) 659 - 2700
Fax: (951) 659-2228
lsaul@santarosa-nsn.gov

Serrano Nation of Mission Indians
Wayne Walker, Co-Chairperson
P. O. Box 343 — Serrano
Patton, CA, 92369
Phone: (253) 370 - 0167
serranonation1@gmail.com

Serrano Nation of Mission Indians
Mark Cochrane, Co-Chairperson
P. O. Box 343 — Serrano
Patton, CA, 92369
Phone: (909) 528 - 9032
serranonation1@gmail.com

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

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Proposed Joshua Tree Hotel Project, San Bernardino County.

Soboba Band of Luiseno Indians
Joseph Ontiveros, Cultural Resource Department
P.O. BOX 487 — Cahuilla
San Jacinto, CA, 92581 — Luiseno
Phone: (951) 663 - 5279
Fax: (951) 654-4198
jontiveros@soboba-nsn.gov

Soboba Band of Luiseno Indians
Scott Cozart, Chairperson
P. O. Box 487 — Cahuilla
San Jacinto, CA, 92583 — Luiseno
Phone: (951) 654 - 2765
Fax: (951) 654-4198
jontiveros@soboba-nsn.gov

Twenty-Nine Palms Band of Mission Indians
Darrell Mike, Chairperson
46-200 Harrison Place — Chemehuevi
Coachella, CA, 92236
Phone: (760) 863 - 2444
Fax: (760) 863-2449
29chairman@29palmsbomi-nsn.gov

Twenty-Nine Palms Band of Mission Indians
Anthony Madrigal, Tribal Historic Preservation Officer
46-200 Harrison Place — Chemehuevi
Coachella, CA, 92236
Phone: (760) 775 - 3259
amadrigal@29palmsbomi-nsn.gov

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

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Proposed Joshua Tree Hotel Project, San Bernardino County.

Appendix C

Phase I Environmental Site Assessment Report 37.57-Acre Vacant Parcel
Twentynine Palms Highway and Sunset Road Joshua Tree,
San Bernardino County, California,
prepared by

Alta Environmental

May 25, 2021

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

37.57-Acre Vacant Parcel
Twentynine Palms Highway and Sunset Road
Joshua Tree, San Bernardino County, California

PREPARED FOR:

Pacific Transwest Realty
6019 Avenida Cresta
La Jolla, California 92037

Project Number: 226719-0000087.00

Date: May 25, 2021

Alta Environmental DBA NV5
3777 Long Beach Boulevard Annex Building
Long Beach CA 90807 United States of America
T 562 495 5777 F 562 495 5877
Toll-free (US only) 800 777-0605 www.altaenviron.com

TABLE OF CONTENTS Section Page

EXECUTIVE SUMMARY IV

1 INTRODUCTION 1

1.1 OBJECTIVES 1

1.2 SERVICES 1

1.3 ASSUMPTIONS 2

1.4 LIMITATIONS 2

1.5 TERMS 3

1.6 ENVIRONMENTAL PROFESSIONALS 4

2 SITE DESCRIPTION 4

2.1 SITE LOCATION AND USE 4

2.2 UTILITY SERVICE PROVIDERS 4

2.3 CHEMICAL AND PETROLEUM STORAGE AREAS 4

2.4 STORAGE TANKS 4

2.5 POLYCHLORINATED BIPHENYLS 5

2.6 FLOOR DRAINS, SUMPS, AND CLARIFIERS 5

2.7 BACK-UP POWER GENERATION 5

2.8 COOLING TOWERS 5

2.9 ELEVATORS, LIFTS AND COMPACTORS 5

2.10 ODORS 5

2.11 POOLS OF LIQUID 5

2.12 SURFACE STAINING 5

2.13 STRESSED VEGETATION 5

2.14 SOLID WASTE 5

2.15 ADJACENT PROPERTIES 5

3 SITE SETTING 6

3.1 TOPOGRAPHIC 6

3.2 REGIONAL GEOLOGY AND HYDROLOGY 6

3.3 WETLANDS 6

3.4 WATER BODIES 7

3.5 OIL AND GAS WELLS 7

4 USER-PROVIDED INFORMATION 7

4.1 Title Records 7
4.2 Clean-Up Liens 7
4.3 Activities and Use Limitations 7
4.4 Specialized Knowledge 7
4.5 Commonly Known Information 7
4.6 Previous Environmental Assessments 7
5 RECORDS REVIEW 8
5.1 Governmental Databases 8
5.2 Regional Agency Offices 8
5.3 Historical Records 9
5.4 Past Uses – Site 9
5.5 Past Uses – Adjoining Properties 9
5.6 Interviews 10
6 NON-SCOPE CONSIDERATIONS 11
7 VAPOR ENCROACHMENT SCREENING 11
7.1 VES Methodology 11
7.2 VES Search Results 11
8 FINDINGS 11
8.1 Current Site Activities 11
8.2 Historical Site Activities 12
8.3 Off-Site Activities 12
8.4 Data-Gaps 12
9 CONCLUSIONS AND RECOMMENDATIONS 12
10 QUALIFICATIONS AND SIGNATURE 13

FIGURES

1. Site Location Map
2. Site Vicinity Map

APPENDICES

A. Representative Site Photographs
B. EDR Radius Report with GeoCheck
C. Regulatory Agency Records
D. EDR Lien and AUL Report

E. Historical Research Documentation
F. Interview Documentation
G. References

EXECUTIVE SUMMARY

Alta Environmental DBA NV5 (NV5) has completed a Phase I Environmental Site Assessment (ESA) of the property located at the northwestern corner of the intersection of Twentynine Palms Highway and Sunset Road, in Joshua Tree, San Bernardino County, California (Site). The ESA was performed in conformance with the scope and limitations of ASTM E1527-13 standards. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. The assessment was performed to identify conditions indicative of releases and threatened releases of hazardous substances and petroleum products on, at, in, or adjacent to the Site. If identified, these issues are considered recognized environmental conditions (RECs).

Site and Vicinity Description

The Site is located on the northwestern intersection of Twentynine Palms Highway and Sunset Road in Joshua Tree, San Bernardino County, California. The Site consists of one parcel of vacant land which is approximately 37.57 acres in size. The Site can be identified by San Bernardino County Tax Assessor Parcel Number (APN): 0602-371-06. At the time of our Site reconnaissance, the Site was vacant, undeveloped land.

The Site is located within an area primarily comprised of mixed residential and commercial use. Current uses of adjoining properties include a residential community and vacant land to the north; the Joshua Tree Brewery and several vacant residential homes to the east; Twentynine Palms Highway followed by several commercial retail and restaurant business to the south; and a residential apartment complex and vacant land to the west.

Site Use and History

The Site has been undeveloped as early as 1948.

Data Gaps

The ASTM Standard defines a data gap as “a lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information.” A data gap is only significant if other information obtained during the ESA, or professional experience, raises reasonable concerns and affects the ability of the environmental professional to identify whether a given issue is a REC. The ASTM Standard requires that the ESA report identify and comment on significant data gaps. No data gaps were identified by NV5 during this assessment.

Vapor Encroachment Conditions (VEC)

A Tier 1 vapor encroachment screen (VES) for potential chemicals of concern (COC) was completed for the Site. The assessment was based on the ASTM published Standard Guide E 2600-15. The purpose of the VES was to evaluate for the potential for a vapor encroachment condition (VEC) which is the presence or likely presence of COC vapors in subsurface soils at the Site caused by the release of vapors from contaminated soil or groundwater on or near the Site. The results of the VES did not identify evidence of a potential VEC in connection with the Site.

Conclusions and Recommendations

No evidence of a Controlled REC, historic REC, REC, or VEC in connection with the Site was identified during this assessment.

Recommendations

No further assessment is recommended.

1 INTRODUCTION

Alta Environmental DBA NV5 (NV5) has completed a Phase I Environmental Site Assessment (ESA) of the property located at the northwestern intersection of Twentynine Palms Highway and Sunset Road in Joshua Tree, San Bernardino County, California (Site). The purpose of this assessment was to evaluate the environmental condition of the Site and to satisfy one of the requirements for qualification under the innocent landowner, contiguous property owner, or bona fide prospective purchaser defenses under the federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) constitute the "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in:

1. 42 U.S.C § 9601(35)(B), referenced in the ASTM Standard Practice E1527-13;
2. Sections 101(35)(B) (ii) and (iii) of CERCLA and referenced in the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312); and
3. 42 U.S.C. 9601(40) and 42 U.S.C. 9607(q).

This report was prepared exclusively for use by Pacific Transwest Realty (Client). This report may not be relied upon by any other person or entity without NV5's express written permission. The information, conclusions and recommendations described in this report apply to conditions existing at certain locations when services were performed and are intended only for the specific purposes, locations, time frames and project parameters indicated. NV5 cannot be responsible for the impact of any changes in environmental standards, practices, or regulations after performance of services.

1.1 Objectives

NV5's objective for this environmental assessment was to identify conditions indicative of releases and threatened releases of hazardous substances and petroleum products on, at, in, or to the Site. The assessment was conducted to meet the standards of ASTM Standard Practice E1527-13.

The conclusions and recommendations provided herein are based on the following:

1. Current and past Site uses and occupancies;
2. Current and past uses of hazardous substances;
3. Waste management and disposal activities that could have caused releases or threatened releases of hazardous substances;
4. Current and past corrective actions and response activities undertaken to address past and on-going releases of hazardous substances;
5. Engineering controls;
6. Institutional controls; and
7. Evaluation of properties adjoining or located nearby the Site that have environmental conditions that could have resulted in conditions indicative of releases or threatened releases of hazardous substances to the Site.

1.2 Services

NV5 performed the following services to assess the Site:

1. Reviewed historical sources of information;
2. Searched for recorded environmental clean-up liens;
3. Reviewed Federal, State, Tribal, and local government records;
4. Visually inspected the Site and the adjoining properties;
5. Evaluated any specialized knowledge or experience on the part of the purchaser; and
6. Determined commonly known or reasonably ascertainable information about the Site.

1.3 Assumptions

NV5 has assumed the following for the purposes of this assessment:

1. Information provided during any interview (written or oral) was accurate and correct;
2. Database information reviewed was accurate and correct;
3. Historical information reviewed was accurate and correct;
4. Information reviewed at any governmental agency was accurate and correct;
5. Groundwater flow and depth to groundwater, unless otherwise specified by on-site well data, or well data from adjacent sites are assumed based on contours depicted on the United States Geological Survey (USGS) Topographic Maps; and
6. The Site has been correctly and accurately identified by the client, client representatives, Site contact, Site owner, and/or Site representatives.

1.4 Limitations

This assessment is limited to the standards set forth in ASTM Standard Practice E1527-13. This assessment specifically excludes assessment of the following:

1. Asbestos and asbestos-containing building materials;
2. Biological agents;
3. Cultural and historic resources;
4. Ecological resources;
5. Endangered species;
6. Health and safety;
7. Indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment;
8. Industrial hygiene;
9. Lead-Based Paint;
10. Lead in Drinking Water;
11. Mold;
12. Radon;
13. Regulatory compliance; and
14. Wetlands.

Please note that considerations identified by ASTM as beyond the scope of a Phase I Environmental Site Assessment (ESA) may still affect business environmental risk at a given property. These environmental issues or conditions may warrant assessment based on the type of property transaction; however, they are considered non-scope issues under ASTM Standard Practice E1527-13 and not included in this assessment.

The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluation. The conclusions presented in this report are based solely on the services described herein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No subsurface exploratory drilling or sampling of any kind was conducted under the scope of this work. Unless specifically stated otherwise in the report, no chemical or physical analyses have been performed during the performance of this Phase I ESA.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This information is subject to the limitations of historical documentation, availability, and accuracy of pertinent records and the personal recollections of those persons contacted. As applicable, NV5 has relied in good faith upon representations and information furnished by individuals with respect to operations and existing property conditions, to the extent that they have not been contradicted by data obtained from other sources. Accordingly, NV5 accepts no responsibility for any deficiencies, omissions, misrepresentations, or fraudulent acts of persons interviewed.

Property conditions, as well as local, state, tribal, and federal regulations can change significantly over time. Therefore, the recommendations and conclusions presented in this study apply strictly to the environmental regulations and property conditions existing at the time the study was performed. Available information has been analyzed using currently accepted assessment techniques and it is believed that the inferences made are reasonably representative of the Site. NV5 makes no warranty, express or implied, except that the services have been performed in accordance with generally accepted environmental property assessment practices applicable at the time and location of the study.

This Phase I ESA is not, and should not be construed as, a warranty or guarantee about the presence or absence of hazardous substances or petroleum products that may affect the Site. The assessment is not intended to assure clear title to the Site in question. The sole purpose of investigation into Site title records is to ascertain a historical basis of prior land use and environmental liens. All findings, conclusions, and recommendations stated in this report are based upon facts, circumstances, and industry-accepted procedures for such services as they existed at the time this report was prepared (i.e., federal, state, and local laws, rules, regulations, market conditions, economic conditions, political climate, and other applicable matters). All findings, conclusions, and recommendations stated in this report are based on the data and information provided, and observations and conditions that existed on the date and time of the Site visit. Responses received from local, state, or federal agencies or other secondary sources of information after the issuance of this report may change certain facts, findings, conclusions, or circumstances to the report. A change in any fact, circumstance, or industry-accepted procedure upon which this report was based may adversely affect the findings, conclusions, and recommendations expressed in this report.

1.5 Terms

The following terms are used in this report:

- "Site" refers to the property within the approximate boundaries described in Section 2;
- "Adjoining property" refers to properties adjacent to the Site that share a common boundary with the Site; and
- "Site vicinity" refers to the area within an approximate 1-mile radius of the Site.
- "Recognized Environmental Conditions" (RECs) – The presence or likely presence of any *hazardous substances* or *petroleum products in, on, at or to the* Site: (*1*) due to release to the environment; (*2*) under conditions indicative of a *release* to the *environment*; or (*3*) under conditions that pose a *material threat* of a future *release* to the *environment*. *De minimis conditions* are not *recognized environmental conditions*.
- "Controlled Recognized Environmental Condition" (CREC) – A recognized environmental condition resulting from a past *release* of *hazardous substances* or *petroleum products* that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with *hazardous substances* or *petroleum products* allowed to remain in place subject to the implementation of required controls (for example, *property use restrictions*, *activity and use limitations*, *institutional controls*, or *engineering controls*). A condition identified as a *controlled recognized environmental condition* does not imply that the *environmental professional* has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be, implemented.
- "Historical Recognized Environmental Condition" (HREC) – A past *release* of any *hazardous substances* or *petroleum products* that has occurred in connection with the Site and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the Site to any required controls (for example, Site use restrictions, *activity and use limitations*, *institutional controls*, or *engineering controls*).
- "Migrate/migration" – For the purposes of this practice, "migrate" and "migration" refers to the movement of *hazardous substances* or *petroleum products* in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface.

- "Hazardous Substances" – The term "hazardous substance" is used here in general accordance with its use as defined in the following regulations:

  -- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, as amended; and

  -- Superfund Amendment and Reauthorization Act (SARA) of 1986, as amended.

The words "impact" or "impacted" are used to mean the effect or result of a release of a hazardous substance or petroleum product at the Site. Search distances for government agency lists were those designated by the ASTM Standard E 1527-13.

1.6 Environmental Professionals

This document has been prepared by an Environmental Professional as defined by the EPA, 40 CFR Part 312.10. All work performed for this assessment was performed by or under the direct supervision of an Environmental Professional.

2 SITE DESCRIPTION

Mr. Adrian Hernandez Lopez, of NV5, conducted a Site reconnaissance on May 21, 2021. The descriptions provided herein are based on information provided by the current Site representatives and on observations made during that visit. Representative Site photographs are included in Appendix A. Site Location and Site Layout maps depicting the areas and features described in the following sections are also provided in Figures 1 and 2.

2.1 Site Location and Use

2.1.1 Location and Description

The Site is located on the northwestern intersection of Twentynine Palms Highway and Sunset Road in Joshua Tree, San Bernardino County, California. The Site consists of one parcel of vacant land which is approximately 37.57 acres in size. The Site can be identified by San Bernardino County Tax Assessor Parcel Number (APN): 0602-371-06.

2.1.2 Development and Current Use

At the time of our Site reconnaissance, the Site was a vacant and undeveloped lot.

2.2 Utility Service Providers

No active utility services were observed or reported at the Site. Signage for subterranean utility lines (fire hydrant, natural gas, etc.) along with overhead electrical lines were observed along the Site perimeter.

2.3 Chemical and Petroleum Storage Areas

No chemical or petroleum storage areas were observed or reported during the Site reconnaissance.

2.3.1 Drums

No drum storage areas were observed or reported at the Site during the Site reconnaissance.

2.4 Storage Tanks

2.4.1 Aboveground Storage Tanks (ASTs)

No evidence of ASTs at the Site was observed or reported during the Site reconnaissance.

2.4.2 Underground Storage Tanks (USTs)

No evidence of USTs at the Site was observed or reported during the Site reconnaissance.

2.4.3 Septic Tanks

No septic tanks were observed or reported to be present at the Site during the Site reconnaissance.

2.5 Polychlorinated Biphenyls

No evidence of transformers or other PCB-containing equipment was observed at the Site during the Site reconnaissance.

2.6 Floor Drains, Sumps, and Clarifiers

No evidence of floor drains, sumps or clarifiers was observed or reported at the Site during the reconnaissance.

2.7 Back-up Power Generation

No fixed back-up power generators were observed or reported to be on the Site.

2.8 Cooling Towers

No cooling towers were observed or reported to be on the Site.

2.9 Elevators, Lifts and Compactors

No elevators, lifts, or compactors were observed or reported to be on the Site.

2.10 Odors

No strong, pungent, or noxious odors indicative of a past release of hazardous substances or petroleum products were identified during the course of this assessment.

2.11 Pools of Liquid

No standing surface water or other pits, ponds, or lagoons potentially containing hazardous substances or petroleum products were identified within the Site.

2.12 Surface Staining

No surface staining indicative of a past release of hazardous substances or petroleum products was identified during the course of this assessment.

2.13 Stressed Vegetation

No significantly stressed vegetation or other indications of potential release of hazardous substances or petroleum products were observed during the Site reconnaissance.

2.14 Solid Waste

No evidence of illicit storage or dumping of solid wastes at the Site was observed during the Site reconnaissance. Small amount of wind-blown trash or litter was observed throughout the Site and along the Site perimeter. Based on the nature of these wastes, they are not considered to represent an REC.

2.15 Adjacent Properties

The Site is located within an area of mixed commercial and residential use. The following land use in the near vicinity of the Site was observed:

Direction	Property Name	Property Address	Business Operation
North	Residential Homes	6271 Sunset Road	Residential Homes and Vacant Land.
West	Yucca Trails Apartments	6333 Hallee Road	Residential Apartments
South	Various Retail and Restaurant Properties	61325-61695 Twentynine Palms Highway	Retail, Restaurant, and Self-Storage
East	Joshua Tree Brewery	6393 Sunset Road	Brewery
	Professional Service Unlimited	6415 Sunset Road	Commercial Building
	Vacant Residential Buildings	Sunset Road	Vacant Residential

3 SITE SETTING

3.1 Topographic

The 2012 United States Geological Survey (USGS), [Joshua Tree North] 7.5 Minute Topographic Quadrangle (Topo) map of the Site and surrounding vicinity was reviewed. The elevation of the Site is 2,736 feet above mean sea level. Based on a review of information included in the EDR Radius Report, the site and surrounding topography is generally flat with a downgradient slope towards the east southeast (EDR, 2021). A copy of the USGS 7.5 Minute Topo map is included in Appendix B.

3.2 Regional Geology and Hydrology

The following description of regional geology and hydrology was developed based on regional information presented on the EDR GeoCheck report (2021) and Regional Water Quality Control Board's online *Geotracker* database.

According to United States Department of Agriculture (USDA) soil data published in the EDR GeoCheck report, soils underlying the Site are classified as *Hanford*. Soils of this type consist of coarse sandy loam that are well drained with moderate infiltration rates (Appendix B).

NV5 reviewed groundwater data published on the *Geotracker* database for a former leaking underground storage tank (LUST) investigation for a property located at 56888 Twenty-Nine Palms Highway in Yucca Valley, California (approximately 5 miles west of the Site). Based on a review of published groundwater monitoring data collected in 2003, the shallowest groundwater is reported to be present at depths of approximately 200 to 300 feet below ground surface and flows towards the east.

Flood Plain

According to Federal Emergency Management Agency flood plain data presented in the site-specific Environmental Data Resources (EDR) Geocheck Report, the Site is located within a 100-year but not a 500-year flood zone (EDR, 2021). The EDR Report is presented as Appendix B.

3.3 Wetlands

According to map data published on the United States Department of Fish and Wildlife (USFW) National Wetlands Inventory (https://www.fws.gov/wetlands/data/mapper.html), a Riverine habitat (R4SBJ) is mapped across the site. A screenshot is provided in Appendix C.

3.4 Water Bodies

No water bodies were observed on the Site however several streams are shown across the Site on Topo maps.

3.5 Oil and Gas Wells

According to the State of California, Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR) Online Mapping System (DOMS), no oil/gas wells were identified on the Site or adjoining properties (Appendix C).

4 USER-PROVIDED INFORMATION

Information obtained during the interview process is presented in the following sections.

4.1 Title Records

Title records were not provided by the Site user representative. However, the EDR Lien and AUL Search report presented copies of the deeds for the Site, as summarized below.

APN	Title Vested In	Title Received From	Deed Dated
0602-371-06-0000	One Tree Hill, LP	Demetrius and Tamara Stasiuk Trustees	3/10/2021

Appendix D presents the EDR Lien and AUL report.

4.2 Clean-Up Liens

No knowledge of any clean-up liens against the Site was reported by those interviewed. Furthermore, the EDR Environmental Lien and AUL Search report did not identify any environmental liens for the Site (Appendix D).

4.3 Activities and Use Limitations

No knowledge of site-specific activities or use limitations recorded against the Site were reported by those interviewed. Furthermore, according to the EDR Lien and AUL Search report, no Activity and Use Limitations are identified for the Site (Appendix D).

4.4 Specialized Knowledge

No specialized knowledge identifying evidence of a recognized environmental conditions was disclosed by those interviewed during this assessment.

4.5 Commonly Known Information

No commonly known information identifying evidence of a recognized environmental condition was disclosed by those interviewed during this assessment.

4.6 Previous Environmental Assessments

No previous environmental assessment reports for the Site were provided to NV5 for review.

5 RECORDS REVIEW

5.1 Governmental Databases

NV5 contracted EDR to perform a radius search of governmental databases for this project. The distribution of listed sites with respect to the Site is tabulated and mapped in EDR's Radius Map Report, which can be found in Appendix B. The reader is referred to the table, which can be found near the front of EDR's report.

NV5 conducted a review of the above-referenced database reports and provides the following findings based on sites that have the potential to impact the Site, with respect to the inferred southerly groundwater flow direction. Our findings are based on the assumption that a hazardous material released to the subsurface generally does not migrate laterally within unsaturated soil for a significant distance. Although a hazardous substance or petroleum product can migrate in groundwater in a generally down-gradient direction, there are limitations to this interpretation such as groundwater depth, soil lithology and other subsurface barriers.

5.1.1 Site Database Findings

EDR's report did not identify database listings for the Site. A listing for a facility (SCE Joshua Tree Substation) located at the northwest corner of Park Boulevard and Commercial Street was incorrectly mapped at the Site address but is actually located over 500 feet east of the Site.

5.1.2 Adjoining Property Database Findings

EDR's report did not identify database listings for the adjoining properties.

5.1.3 General Vicinity Database Findings

EDR's report identified multiple off-Site facilities within applicable ASTM search radii. NV5 considered all of the listed sites unlikely to impact the Site, based upon factors including (but not limited to):

- The nature of the listing;
- The use of the site;
- When the site was listed and its current listed status;
- The developmental density of the setting;
- The distance between the listed sites and the Site as related to the distance that releases are likely to migrate based on local surface and subsurface drainage conditions;
- The presence of intervening drainage divides; and/or
- The inferred groundwater movement.

5.2 Regional Agency Offices

NV5 submitted information requests to the various county and regional agencies that may have records with regard to environmentally-oriented concerns affecting the Site, in accordance with ASTM E1527-13 requirements. Should significant records be identified at a later date, an addendum to this report will be issued. Documentation obtained from regulatory agency requests is presented in Appendix C.

Agency	Records Summary
California Geologic Energy Management Division (CalGEM)	No oil or gas wells were identified on the Site or adjoining properties.
Regional Water Quality Control Board – GEOTRACKER	<u>Site</u> None <u>Adjoining Properties</u> None

Agency	Records Summary
Department of Toxic Substances Control – ENVIROSTOR	Site None Adjoining Properties None
San Bernardino County Fire Department	No records were identified for the Site

5.3 Historical Records

NV5 used USGS Topo maps, aerial photographs, fire insurance maps, and historical street directories to provide information about the history of the Site and its surroundings. The resources NV5 reviewed are tabulated below and presented in Appendix E.

Historical Resources		
Source Type	**Years Reviewed**	**Source**
USGS Topo Maps	1955, 1972, 1978, 1994, and 2012	USGS/EDR
Aerial Photograph(s)	1948, 1952, 1970, 1975, 1983, 1989, 1994, 2005, 2009, 2012, and 2016	EDR
Fire Insurance (Sanborn) Maps	No Coverage Letter	EDR
Street Directories	1971, 1976, 1980, 1985, 1992, 1995, 2000, 2005, 2010, 2014, and 2017	EDR

5.4 Past Uses – Site

Our interpretation of past uses of the Site, based on the historical data sources listed above, are tabulated below.

Date	Interpreted Property Use
1948 to 2016	Topo maps and aerial photographs depict the Site to be undeveloped vacant land.

5.5 Past Uses – Adjoining Properties

Our interpretation of past uses of the adjoining properties, based on the historical data sources listed above, are tabulated below.

Date	Description
Northern Adjoining Property	
1948 to 1983	Topo maps and aerial photographs depict the property to be undeveloped vacant land.

Date	Description
1989 to 2016.	Topo maps and aerial photographs depict the property to be undeveloped vacant land with the exception of a small housing development located along Sunset Road. Historical city directories do not list the property addresses.
Southern Adjoining Property	
1948 to 1952	Topo maps and aerial photographs depict the property to be developed with Twenty-Nine Palms Highway followed by undeveloped vacant land.
1970 to 2016	Topo maps and aerial photographs depict the property to be developed with Twenty-Nine Palms Highway followed by several commercial structures. Historical city directories identified the tenants of the properties as various professional service providers, retail stores, and restaurants.
Eastern Adjoining Property	
1948 to 2016	Topo maps and aerial photographs depict the property to be developed with Sunset Road followed by several commercial structures. City directories identified the past tenants of the property to be various residential tenants with the exception of the following. 6393 Sunset Road: • San Bernardino County Mental Health (1992) • Morongo Basin Counseling (1995) • SOS Training Center (2005) • Healthcare Providers EDU Center (2010) • Legal Document Service (2010 and 2017) • Mallants Group (2010) • Mojave Desert Land Trust (2010) • Signagraphics (2010) 6415 Sunset Road: • Transwestern Publishing (2005)
Western Adjoining Property	
1948 to 1983	Topo maps and aerial photographs depict the property to be undeveloped vacant land.
1989 to 2016.	Topo maps and aerial photographs depict the property to be undeveloped vacant land with the exception of an apartment complex located along Verbena Road. The apartment complex address was not listed in the reviewed city directories.

5.6 Interviews

NV5 interviewed parties potentially having information about current and/or former conditions at the Site. The parties and their affiliation are tabulated below.

Interviews		
Name	**Affiliation**	**Role**
Mr. Eric Kleinbub	Pacific Transwest Realty/One Tree Hill, LP	Site Owner/Client/User

Mr. Kleinbub indicated that he was unaware of any USTs, wells, hazardous materials, or petroleum products at the Site and that he was unaware of any known environmental impact or past environmental remediation at the Site.

6 NON-SCOPE CONSIDERATIONS

Per the authorized scope of work, items beyond the scope of ASTM E-1527-13 were not addressed as part of this assessment.

7 VAPOR ENCROACHMENT SCREENING

ASTM E1527-13 requires the Environmental Professional to evaluate the potential for vapor encroachment of chemicals of concern (COC) onto the Site, and to determine if such vapor encroachment constitutes evidence of a REC on the Site. The E1527-13 Standard Practice does not specifically state the methods that must be used to screen for potential vapor encroachment issues. However, ASTM has developed a separate Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions (ASTM E2600-15), which outlines an ASTM E1527-13-compliant methodology to conduct vapor encroachment screening that was used for this assessment as described below.

7.1 VES Methodology

The goal of conducting Vapor Encroachment Screening (VES) is to identify a vapor encroachment condition (VEC), which is defined as the presence or likely presence of chemicals of concern (COC) vapors in the vadose zone of the Site caused by the release of vapors from contaminated soil and/or groundwater either on or near the Site. If a VEC is identified, the Environmental Professional must determine whether the VEC represents evidence of a REC on the Site under the context of the Phase I ESA Standard Practice. It should be noted that the identification of a VEC on the Site does not necessarily indicate that a potential for migration of vapors into existing or proposed structures on the Site is likely. The Environmental Professional will identify the VEC as a REC where the potential for vapor migration into structures is considered likely, or where the contaminant concentrations in the soil, groundwater, or soil vapors on the Site are significant and likely to result in enforcement against on-site or off-site responsible parties.

The VES utilizes information regarding the potential presence of releases on or near the Site that were collected as a normal part of the Phase I ESA process, such as governmental database records, review of governmental files, historical data sources, etc. The VES Standard Guide requires the Environmental Professional to search for potential sites of concern within specific search radii. The area of concern search radius is 1,760 feet (1/3 mile) for non-petroleum-impacted sites and 528 feet (1/10 miles) for petroleum-impacted sites. The default search distances may be expanded or reduced in the upgradient, downgradient, or cross-gradient directions by the Environmental Professional based on experience in the local area and applying professional judgment to factors such as where a well-defined regional groundwater flow direction is identified, or whether other geologic features such as low permeability soils or hydrogeologic boundaries such as rivers or streams exist which would tend to limit the potential for migration of groundwater or vapors in a particular direction.

7.2 VES Search Results

NV5 identified several sites of potential concern within the VES search radii. However, based on our review of governmental database records, regulatory agency files, and historical resources referenced in Section 5.3, none of the sites of potential concern are considered to represent a VEC.

8 FINDINGS

Based on the Site reconnaissance, review of historical and available documents, and interviews, NV5 finds the following:

8.1 Current Site Activities

At the time of our Site reconnaissance, the Site was vacant, undeveloped land.

8.2 Historical Site Activities

The Site has been undeveloped as early as 1948.

8.3 Off-Site Activities

The Site is located within an area primarily comprised of mixed residential and commercial use. Current uses of adjoining properties include a residential community and vacant land to the north; the Joshua Tree Brewery and several vacant residential homes to the east; Twentynine Palms Highway followed by several commercial retail and restaurant business to the south; and a residential apartment complex and vacant land to the west.

8.4 Data-Gaps

The ASTM Standard defines a data gap as “a lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information.” A data gap is only significant if other information obtained during the ESA, or professional experience, raises reasonable concerns and affects the ability of the environmental professional to identify whether a given issue is a REC. The ASTM Standard requires that the ESA report identify and comment on significant data gaps. No data gaps were identified by NV5 during this assessment.

9 CONCLUSIONS AND RECOMMENDATIONS

NV5 completed a Phase I ESA of the property located at the northwestern intersection of Twentynine Palms Highway and Sunset Road in Joshua Tree, San Bernardino County, California. The ESA was performed in conformance with the scope and limitations of ASTM E1527-13 standards. Any exceptions to, or deletions from, this practice are described in Section 1.0 of this report. The assessment was performed to identify conditions indicative of releases and threatened releases of hazardous substances and petroleum products on, at, in, or to the Site.

Conclusions

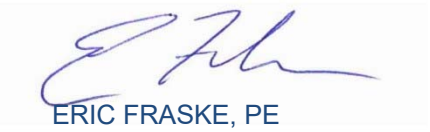
No evidence of a Controlled REC, historic REC, REC, or VEC in connection with the Site was identified during this assessment.

Recommendations

No further assessment is recommended.

10 QUALIFICATIONS AND SIGNATURE

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR 312.10. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



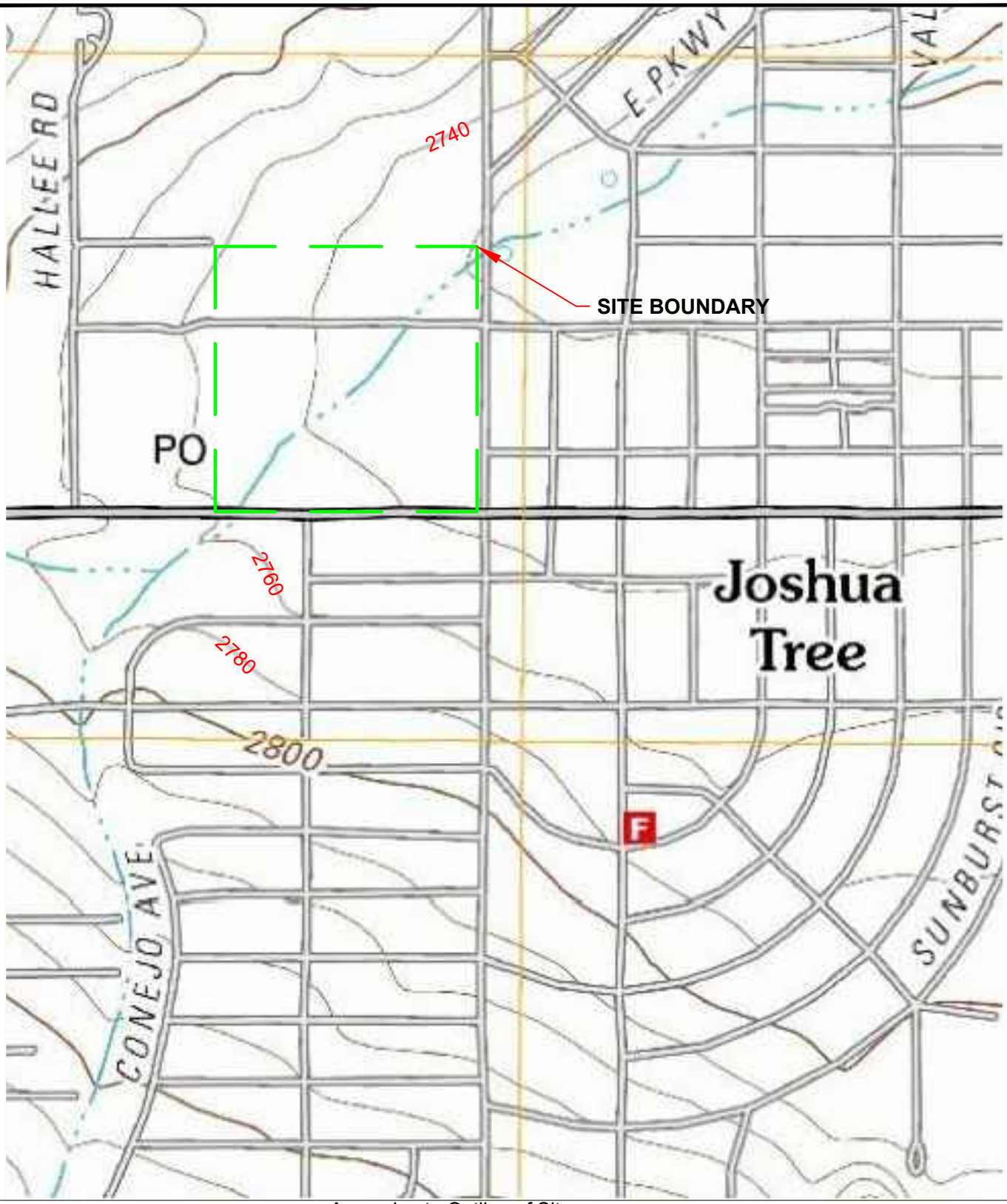
ERIC FRASKE, PE
SENIOR ENGINEER



BRYAN STONE, PE
SENIOR TECHNICAL REVIEWER
VICE PRESIDENT

Resume and other supporting documentation are maintained on file at NV5.

Figures



Approximate Outline of Site

FIGURE 1: Site Location Map

CLIENT:
PACIFIC TRANSWEST REALTY

SITE LOCATION: JOSHUA TREE, CALIFORNIA 92252

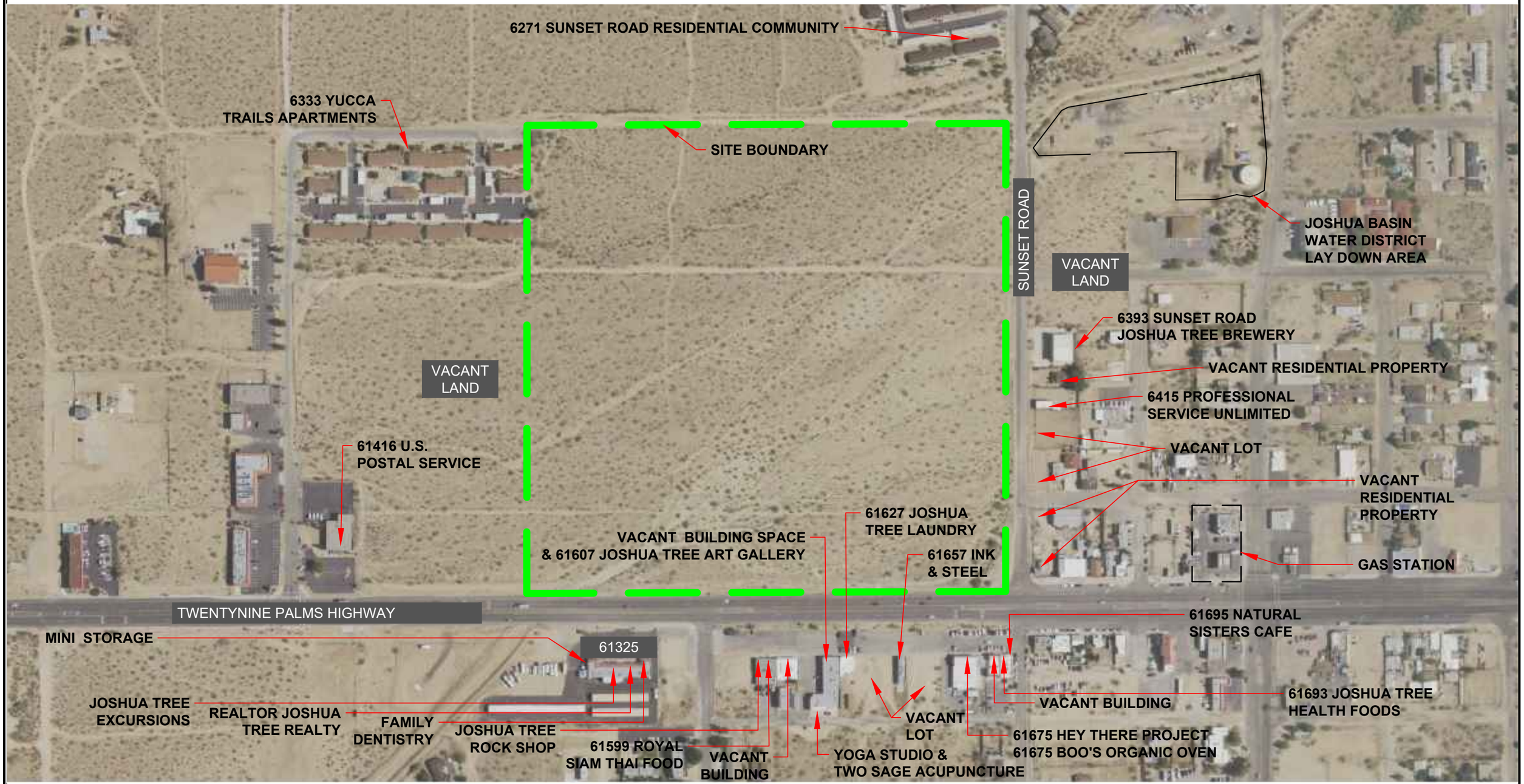
PROJECT #: 226719-0000087

NV5
3777 Long Beach Blvd., Annex Bldg.
Long Beach, CA 90807
(562) 495-5777 www.altaenviron.com

DRAWN: AHL	APPROVED: EF
SCALE: NOT TO SCALE	DATE: MAY 2021

NORTH

\\10.30.80.3\data2\Clients N-S\Pacific Transwest Realty\226719-0000087.00 Joshua Tree Hotel Phase I\Drawing\Joshua Tree_Vacant-AH.dwg



NORTH

FIGURE 2: SITE VICINITY MAP

PROJECT #: 226719-0000087	DRAWING: A.H.L	APPROVE: E.F.
	DATE: MAY 2021	SCALE: NONE
CLIENT: PACIFIC TRANSWEST REALTY		
SITE LOCATION: JOSHUA TREE, CALIFORNIA 92252		
SOURCE: GOOGLE MAPS		

NV5
3777 Long Beach Blvd. Annex Bldg. Long Beach CA 90807
P: (562) 495-5777 ♦ F: (562) 495-5877 ♦ altaenviron.com

Appendix A

Representative Site Photographs



Photo 1: View of Site Facing North



Photo 2: Individuals Observed Camping on Site



Photo 3: View of Chollita Street Which Bisects the Site East to West



Photo 4: Scattered Trash Observed Throughout Site



Photo 5: Public Utility Lines Observed Along Perimeter of Site



Photo 6: Utility Vault Observed at Site Perimeter



Photo 7: Additional Subterranean Utility Vault Observed Along Site Perimeter



Photo 8: Various Café and Food Businesses Located on Southern Adjoining Property



Photo 9: Brewery on Eastern Adjoining Property



Photo 10: Additional View of Site



Photo 11: Northern Adjoining Residential Development



Photo 12: Vacant Residential Buildings Located on Eastern Adjoining Property

Appendix B

EDR Radius Report with GeoCheck

Vacant Land
Twenty Nine Palms Hwy
Joshua Tree, CA 92252

Inquiry Number: 6480216.2s
May 05, 2021

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	9
Orphan Summary	62
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	PSGR-1

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

TWENTY NINE PALMS HWY
JOSHUA TREE, CA 92252

COORDINATES

Latitude (North):	34.1368250 - 34° 8' 12.57''
Longitude (West):	116.3195430 - 116° 19' 10.35''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	562739.8
UTM Y (Meters):	3777341.2
Elevation:	2736 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5619586 JOSHUA TREE NORTH, CA
Version Date:	2012
South Map:	5629026 JOSHUA TREE SOUTH, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140526, 20140525
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
TWENTY NINE PALMS HWY
JOSHUA TREE, CA 92252

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	SCE JOSHUA TREE SUBS	NW C/O COMMERCIAL ST	San Bern. Co. Permit	Higher	1 ft.
A2	SCE JOSHUA TREE SUBS	NW C/O COMMERCIAL ST	CERS	Higher	1 ft.
3	TERRY CASTILLO	61732 29 PALMS HWY	RCRA NonGen / NLR	Lower	226, 0.043, ESE
B4	J T AUTOMOTIVE	61770 COMMERCIAL ST	RCRA NonGen / NLR	Lower	462, 0.087, ESE
B5	J T AUTOMOTIVE	61770 COMMERCIAL ST	San Bern. Co. Permit, HWTS	Lower	462, 0.087, ESE
B6	JOSHUA GAS	61794 29 PALMS HWY	RCRA NonGen / NLR	Lower	558, 0.106, ESE
B7	JOSHUA GAS	61794 29 PALMS HWY	EDR Hist Auto	Lower	558, 0.106, ESE
8	BILL BOE'S AUTOMOTIV	6426 PARK BLVD	San Bern. Co. Permit	Lower	610, 0.116, East
C9	JOSHUA TREE VALERO	61794 TWENTYNINE PAL	UST	Lower	633, 0.120, ESE
C10	JOSHUA TREE VALERO	61794 TWENTYNINE PAL	CERS HAZ WASTE, CERS TANKS, EMI, San Bern. Co....	Lower	633, 0.120, ESE
D11	DISTRICT MAINTENANCE	6258 PARK BLVD	HIST UST	Lower	730, 0.138, ENE
D12	JOSHUA BASIN WATER D	6258 PARK BLVD	RCRA NonGen / NLR	Lower	730, 0.138, ENE
D13	JOSHUA BASIN WATER D	6258 PARK AVE	AST, CERS HAZ WASTE, CERS TANKS, San Bern. Co....	Lower	730, 0.138, ENE
E14	GEN TELEPHONE OF CA/	61838 COMMERCIAL ST	RCRA-SQG, FINDS, ECHO	Lower	882, 0.167, ESE
E15	GTE/JOSHUA TREE C.D.	61838 COMMERCIAL ST	SWEEPS UST, San Bern. Co. Permit	Lower	882, 0.167, ESE
E16	HARPERS AUTO REPAIR	6484 CENTER ST	RCRA NonGen / NLR	Lower	951, 0.180, ESE

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

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
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
CPS-SLIC ..... Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST ..... Underground Storage Tank Listing
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 Brownfieds 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

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
US CDL ---- National Clandestine Laboratory Register
PFAS ---- PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

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
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
UXO ---- Unexploded Ordnance Sites
ECHO ---- Enforcement & Compliance History Information
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
CUPA Listings ---- CUPA Resources 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
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)
HWTS ---- Hazardous Waste Tracking System
MINES MRDS ---- Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner ---- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---- Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

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

Federal RCRA generators list

RCRA-SQG: 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/14/2020 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GEN TELEPHONE OF CA/ EPA ID:: CAD980887715	***61838 COMMERCIAL ST***	***ESE 1/8 - 1/4 (0.167 mi.)***	***E14***	***55***

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
JOSHUA TREE VALERO Database: UST, Date of Government Version: 03/08/2021 Facility Id: FA0008056	61794 TWENTYNINE PAL	ESE 0 - 1/8 (0.120 mi.)	C9	21

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 is 1 AST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
JOSHUA BASIN WATER D	***6258 PARK AVE***	***ENE 1/8 - 1/4 (0.138 mi.)***	***D13***	***48***
Database: AST, Date of Government Version: 07/06/2016				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

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.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 01/20/2021 has revealed that there are 2 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
JOSHUA TREE VALERO	***61794 TWENTYNINE PAL***	***ESE 0 - 1/8 (0.120 mi.)***	***C10***	***21***
JOSHUA BASIN WATER D	***6258 PARK AVE***	***ENE 1/8 - 1/4 (0.138 mi.)***	***D13***	***48***

Local Lists of Registered Storage Tanks

SWEEPS UST: 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.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GTE/JOSHUA TREE C.D.	***61838 COMMERCIAL ST***	***ESE 1/8 - 1/4 (0.167 mi.)***	***E15***	***58***
Status: A Tank Status: A Comp Number: 8886				

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DISTRICT MAINTENANCE	6258 PARK BLVD	ENE 1/8 - 1/4 (0.138 mi.)	D11	45

EXECUTIVE SUMMARY

Facility Id: 00000043539

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 are 2 CERS TANKS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
JOSHUA TREE VALERO	***61794 TWENTYNINE PAL***	***ESE 0 - 1/8 (0.120 mi.)***	***C10***	***21***
JOSHUA BASIN WATER D	***6258 PARK AVE***	***ENE 1/8 - 1/4 (0.138 mi.)***	***D13***	***48***

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 12/14/2020 has revealed that there are 5 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TERRY CASTILLO	61732 29 PALMS HWY	ESE 0 - 1/8 (0.043 mi.)	3	12
J T AUTOMOTIVE EPA ID:: CAL000116657	61770 COMMERCIAL ST	ESE 0 - 1/8 (0.087 mi.)	B4	14
JOSHUA GAS EPA ID:: CAL000295729	61794 29 PALMS HWY	ESE 0 - 1/8 (0.106 mi.)	B6	18
JOSHUA BASIN WATER D EPA ID:: CAL000036099	6258 PARK BLVD	ENE 1/8 - 1/4 (0.138 mi.)	D12	45
HARPERS AUTO REPAIR EPA ID:: CAL000405250	6484 CENTER ST	ESE 1/8 - 1/4 (0.180 mi.)	E16	59

San Bern. Co. Permit: San Bernardino County Fire Department Hazardous Materials Division.

A review of the San Bern. Co. Permit list, as provided by EDR, and dated 11/16/2020 has revealed that there are 6 San Bern. Co. Permit sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SCE JOSHUA TREE SUBS Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0000136	NW C/O COMMERCIAL ST	0 - 1/8 (0.000 mi.)	A1	9

Lower Elevation	Address	Direction / Distance	Map ID	Page
J T AUTOMOTIVE	***61770 COMMERCIAL ST***	***ESE 0 - 1/8 (0.087 mi.)***	***B5***	***17***

Facility Status: ACTIVE Facility Id: FA0004069				
BILL BOE'S AUTOMOTIV Facility Status: INACTIVE Facility Id: FA0001477	6426 PARK BLVD	E 0 - 1/8 (0.116 mi.)	8	21
JOSHUA TREE VALERO Facility Status: ACTIVE Facility Id: FA0008056	***61794 TWENTYNINE PAL***	***ESE 0 - 1/8 (0.120 mi.)***	***C10***	***21***
JOSHUA BASIN WATER D Facility Status: ACTIVE Facility Id: FA0004176	***6258 PARK AVE***	***ENE 1/8 - 1/4 (0.138 mi.)***	***D13***	***48***
GTE/JOSHUA TREE C.D. Facility Status: ACTIVE Facility Status: INACTIVE Facility Id: FA0003631	***61838 COMMERCIAL ST***	***ESE 1/8 - 1/4 (0.167 mi.)***	***E15***	***58***

CERS: 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

A review of the CERS list, as provided by EDR, and dated 01/20/2021 has revealed that there is 1 CERS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SCE JOSHUA TREE SUBS	NW C/O COMMERCIAL ST	0 - 1/8 (0.000 mi.)	A2	9

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.

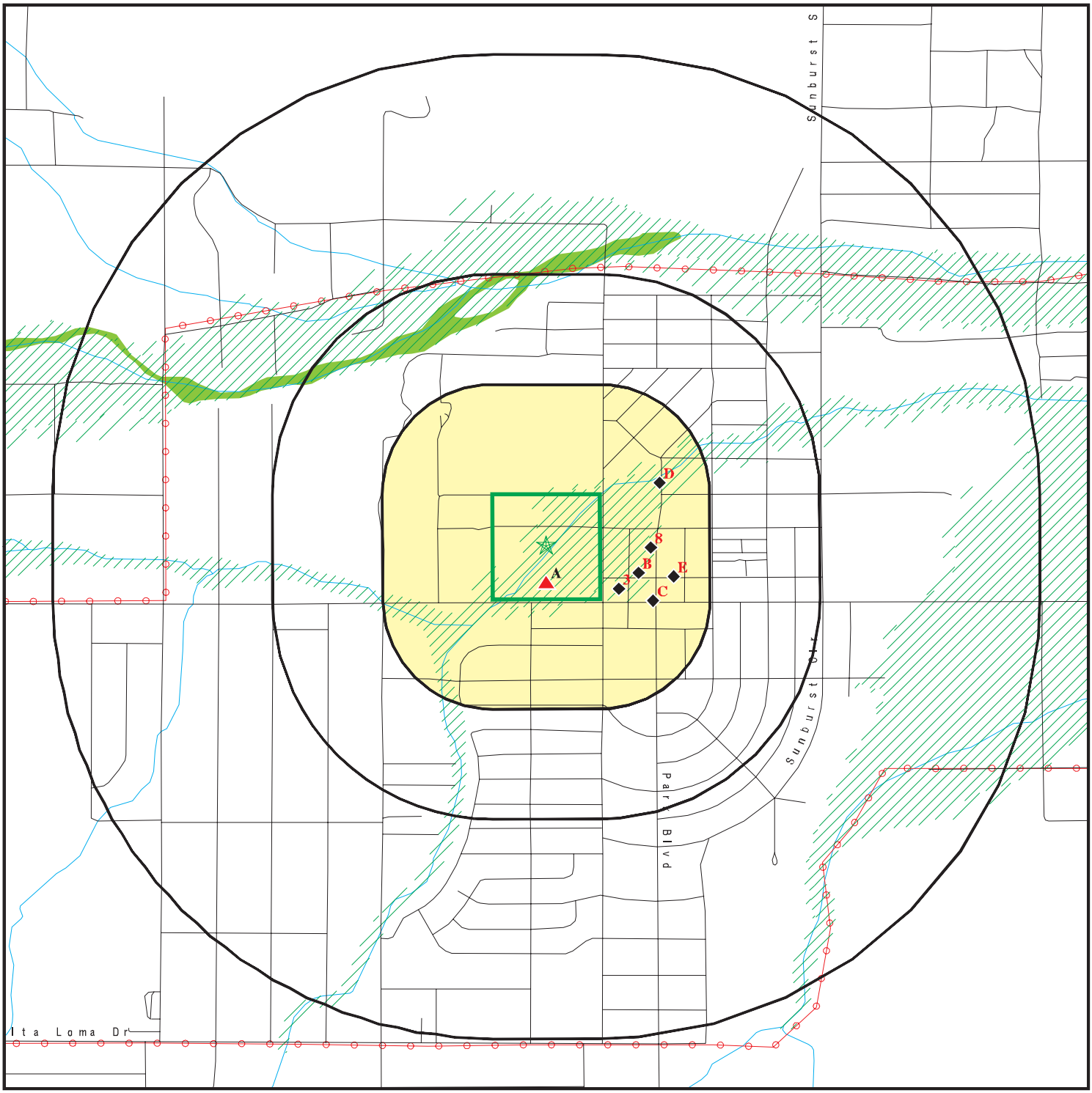
A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
JOSHUA GAS	61794 29 PALMS HWY	ESE 0 - 1/8 (0.106 mi.)	B7	20

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6480216.2S



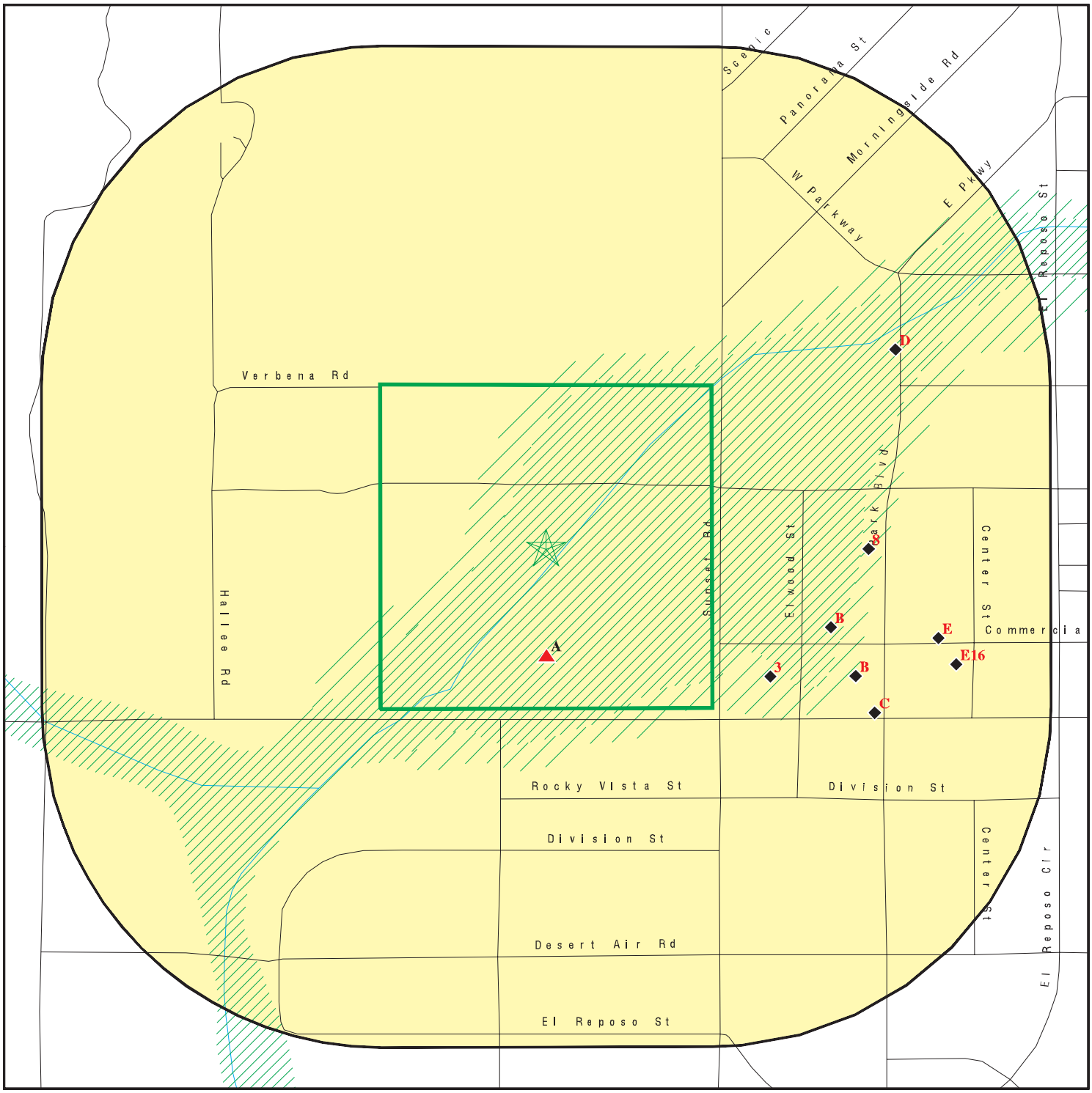
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 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: Vacant Land	CLIENT: NV5
ADDRESS: Twenty Nine Palms Hwy Joshua Tree CA 92252	CONTACT: Eric Fraske INQUIRY #: 6480216.2s
LAT/LONG: 34.136825 / 116.319543	DATE: May 05, 2021 5:09 pm

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DETAIL MAP - 6480216.2S



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

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

Areas of Concern

N

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: Vacant Land	CLIENT: NV5
ADDRESS: Twenty Nine Palms Hwy Joshua Tree CA 92252	CONTACT: Eric Fraske INQUIRY #: 6480216.2s
LAT/LONG: 34.136825 / 116.319543	DATE: May 05, 2021 5:13 pm

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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
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
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
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
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
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
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	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	0	NR	NR	NR	1
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
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
Local Lists of Hazardous waste / Contaminated Sites								
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		1	1	NR	NR	NR	2
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		0	1	NR	NR	NR	1
CERS TANKS	0.250		1	1	NR	NR	NR	2
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
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
Records of Emergency Release Reports								
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
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		3	2	NR	NR	NR	5
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
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	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		0	0	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
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
San Bern. Co. Permit	0.250		4	2	NR	NR	NR	6
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		1	NR	NR	NR	NR	1
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
HWTS	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	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	12	10	0	0	0	22

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

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **SCE JOSHUA TREE SUBSTATION** **San Bern. Co. Permit** **S121309508**
NW C/O COMMERCIAL ST & PARK BLVD **N/A**
< 1/8 **JOSHUA TREE, CA 92252**
1 ft.

Site 1 of 2 in cluster A

Relative: San Bern. Co. Permit:
Higher

Actual:
2740 ft.

Name:	SCE JOSHUA TREE SUBSTATION
Address:	NW C/O COMMERCIAL ST & PARK BLVD
City,State,Zip:	JOSHUA TREE, CA 92252
Region:	SAN BERNARDINO
Facility ID:	FA0000136
Owner:	Southern California Edison
Permit Number:	PT0000337
Permit Category:	HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status:	ACTIVE
Expiration Date:	02/28/2021

Name:	SCE JOSHUA TREE SUBSTATION
Address:	NW C/O COMMERCIAL ST & PARK BLVD
City,State,Zip:	JOSHUA TREE, CA 92252
Region:	SAN BERNARDINO
Facility ID:	FA0000136
Owner:	Southern California Edison
Permit Number:	PT0020092
Permit Category:	APSA EXEMPT
Facility Status:	ACTIVE
Expiration Date:	02/28/2020

Name:	SCE JOSHUA TREE SUBSTATION
Address:	NW C/O COMMERCIAL ST & PARK BLVD
City,State,Zip:	JOSHUA TREE, CA 92252
Region:	SAN BERNARDINO
Facility ID:	FA0000136
Owner:	Southern California Edison
Permit Number:	PT0022829
Permit Category:	EPCRA FACILITY
Facility Status:	INACTIVE
Expiration Date:	02/28/2014

A2 **SCE JOSHUA TREE SUBSTATION** **CERS** **S126976522**
NW C/O COMMERCIAL ST. & PARK BLVD. **N/A**
< 1/8 **JOSHUA TREE, CA 92252**
1 ft.

Site 2 of 2 in cluster A

Relative: CERS:
Higher

Actual:
2740 ft.

Name:	SCE JOSHUA TREE SUBSTATION
Address:	NW C/O COMMERCIAL ST. & PARK BLVD.
City,State,Zip:	JOSHUA TREE, CA 92252
Site ID:	65615
CERS ID:	10034272
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-28-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported

SCE JOSHUA TREE SUBSTATION (Continued) **S126976522**

Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-14-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTION OF SCE JOSHUA TREE SUBSTATION.
Eval Division: San Bernardino County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-14-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTION OF SCE JOSHUA TREE SUBSTATION.
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Roslyn Woods
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: Parent Corporation
Entity Name: Southern California Edison, Transmission and Distribution Organization (TD)
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: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City: Rosemead
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91770
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Southern California Edison
Entity Title: Not reported

SCE JOSHUA TREE SUBSTATION (Continued) **S126976522**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(626) 302-1212
Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401
Affiliation Type Desc:	Environmental Contact
Entity Name:	Environmental Notification Center
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91770
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Roslyn Woods
Entity Title:	Consultant
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:	Legal Owner
Entity Name:	Southern California Edison
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91770
Affiliation Phone:	(626) 302-1212
Affiliation Type Desc:	Property Owner
Entity Name:	Southern California Edison
Entity Title:	Not reported
Affiliation Address:	P.O. Box 5085 (Attn: ESD, Programs & Governance)
Affiliation City:	Rosemead
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91770
Affiliation Phone:	(626) 302-1212

3
ESE
< 1/8
0.043 mi.
226 ft.

TERRY CASTILLO
61732 29 PALMS HWY
JOSHUA TREE, CA 92252

RCRA NonGen / NLR

1026162653
CAC003062639

Relative:
Lower

Actual:
2725 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2020-04-07 00:00:00.0
Handler Name:	TERRY CASTILLO	
Handler Address:		61732 29 PALMS HWY
Handler City,State,Zip:		JOSHUA TREE, CA 92252-2312
EPA ID:		CAC003062639
Contact Name:		TERRY CASTILLO
Contact Address:		61732 29 PALMS HWY
Contact City,State,Zip:		JOSHUA TREE, CA 92252-2312
Contact Telephone:		760-821-3826
Contact Fax:		Not reported
Contact Email:		TERRYCASTILLO@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
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:		61732 29 PALMS HWY
Mailing City,State,Zip:		JOSHUA TREE, CA 92252-2312
Owner Name:		TERRY CASTILLO
Owner Type:		Other
Operator Name:		TERRY CASTILLO
Operator Type:		Other
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:		N
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

TERRY CASTILLO (Continued) **1026162653**

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
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-04-08 18:59:39.0
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:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TERRY CASTILLO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	61732 29 PALMS HWY
Owner/Operator City,State,Zip:	JOSHUA TREE, CA 92252-2312
Owner/Operator Telephone:	760-821-3826
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TERRY CASTILLO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	61732 29 PALMS HWY
Owner/Operator City,State,Zip:	JOSHUA TREE, CA 92252-2312
Owner/Operator Telephone:	760-821-3826
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

TERRY CASTILLO (Continued) **1026162653**

Historic Generators:
- Receive Date: 2020-04-07 00:00:00.0
- Handler Name: TERRY CASTILLO
- 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 Code: 56299
- NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

B4 **J T AUTOMOTIVE** **RCRA NonGen / NLR** **1024792159**
ESE **61770 COMMERCIAL ST** **CAL000116657**
< 1/8 **JOSHUA TREE, CA 92252**
0.087 mi.
462 ft. **Site 1 of 4 in cluster B**

Relative: **Lower**
Actual: **2723 ft.**

RCRA NonGen / NLR:
- Date Form Received by Agency: 1994-08-12 00:00:00.0
- Handler Name: J T AUTOMOTIVE
- Handler Address: 61770 COMMERCIAL ST
- Handler City,State,Zip: JOSHUA TREE, CA 92252-2359
- EPA ID: CAL000116657
- Contact Name: JOSEPH MCNAMNEE
- Contact Address: 61375 LATHAM TRAIL
- Contact City,State,Zip: JOSHUA TREE, CA 92252-2284
- Contact Telephone: 760-366-1324
- Contact Fax: 760-366-1825
- Contact Email: JT_AUTO123@YAHOO.COM
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Not reported
- Federal Waste Generator Description: Not a generator, verified
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Handler Activities
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 61770 COMMERCIAL ST
- Mailing City,State,Zip: JOSHUA TREE, CA 92252-2359
- Owner Name: JOSEPH MCNAMEE

J T AUTOMOTIVE (Continued) **1024792159**

Owner Type:	Other
Operator Name:	JOSEPH MCNAMNEE
Operator Type:	Other
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:	Yes
Universal Waste Destination Facility:	Yes
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:	N
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
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:42:41.0
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:	No
Manifest Broker:	No

J T AUTOMOTIVE (Continued) **1024792159**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOSEPH MCNAMEE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	61375 LATHAM TRAIL
Owner/Operator City,State,Zip:	JOSHUA TREE, CA 92252-0000
Owner/Operator Telephone:	760-401-1082
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JOSEPH MCNAMNEE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	61375 LATHAM TRAIL
Owner/Operator City,State,Zip:	JOSHUA TREE, CA 92252-2284
Owner/Operator Telephone:	760-366-1324
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1994-08-12 00:00:00.0
Handler Name: J T AUTOMOTIVE	
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 Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

B5 **J T AUTOMOTIVE** **San Bern. Co. Permit** **S104767307**
ESE **61770 COMMERCIAL ST** **HWTS** **N/A**
< 1/8 **JOSHUA TREE, CA 92252**
0.087 mi.
462 ft. **Site 2 of 4 in cluster B**

Relative:
Lower

Actual:
2723 ft.

San Bern. Co. Permit:

Name:	J T AUTOMOTIVE
Address:	61770 COMMERCIAL ST
City,State,Zip:	JOSHUA TREE, CA 92252
Region:	SAN BERNARDINO
Facility ID:	FA0004069
Owner:	MCNAMEE, JOE
Permit Number:	PT0007071
Permit Category:	HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status:	ACTIVE
Expiration Date:	12/31/2017

Name:	J T AUTOMOTIVE
Address:	61770 COMMERCIAL ST
City,State,Zip:	JOSHUA TREE, CA 92252
Region:	SAN BERNARDINO
Facility ID:	FA0004069
Owner:	MCNAMEE, JOE
Permit Number:	PT0007072
Permit Category:	SMALL QUANTITY GENERATOR
Facility Status:	ACTIVE
Expiration Date:	12/31/2017

HWTS:

Name:	J T AUTOMOTIVE
Address:	61770 COMMERCIAL ST
Address 2:	Not reported
City,State,Zip:	JOSHUA TREE, CA 922522359
EPA ID:	CAL000116657
Inactive Date:	06/30/2020
Create Date:	08/12/1994
Last Act Date:	01/04/2021
Mailing Name:	Not reported
Mailing Address:	61770 COMMERCIAL ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	JOSHUA TREE, CA 922522359
Owner Name:	JOSEPH MCNAMEE
Owner Address:	61375 LATHAM TRAIL
Owner Address 2:	Not reported
Owner City,State,Zip:	JOSHUA TREE, CA 922520000
Contact Name:	JOSEPH MCNAMNEE
Contact Address:	61375 LATHAM TRAIL
Contact Address 2:	Not reported
City,State,Zip:	JOSHUA TREE, CA 922522284

NAICS:

EPA ID:	CAL000116657
Create Date:	2011-11-18 10:58:53.573
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	1994-08-12 00:00:00
Inactive Date:	2020-06-30 00:00:00
Facility Name:	J T AUTOMOTIVE

J T AUTOMOTIVE (Continued) **S104767307**

Facility Address:	61770 COMMERCIAL ST
Facility Address 2:	Not reported
Facility City:	JOSHUA TREE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	922522359

B6 **JOSHUA GAS** **RCRA NonGen / NLR** **1025867149**
ESE **61794 29 PALMS HWY** **CAL000295729**
< 1/8 **JOSHUA TREE, CA 92252**
0.106 mi.
558 ft. **Site 3 of 4 in cluster B**

Relative: **Lower**
Actual: **2724 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2005-06-27 00:00:00.0
Handler Name:	JOSHUA GAS	
Handler Address:		61794 29 PALMS HWY
Handler City,State,Zip:		JOSHUA TREE, CA 92252-2301
EPA ID:		CAL000295729
Contact Name:		AJAY SALHOTRA
Contact Address:		61794 29 PALMS HWY
Contact City,State,Zip:		JOSHUA TREE, CA 92252
Contact Telephone:		760-366-3527
Contact Fax:		760-366-9801
Contact Email:		AJYS87@ME.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
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:		61794 29 PALMS HWY
Mailing City,State,Zip:		JOSHUA TREE, CA 92252-2301
Owner Name:		J.T. GAS INC.
Owner Type:		Other
Operator Name:		AJAY SALHOTRA
Operator Type:		Other
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

JOSHUA GAS (Continued) **1025867149**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
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
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-11-08 14:10:30.0
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:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	AJAY SALHOTRA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	61794 29 PALMS HWY
Owner/Operator City,State,Zip:	JOSHUA TREE, CA 92252
Owner/Operator Telephone:	760-366-3527
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	J.T. GAS INC.
Legal Status:	Other

JOSHUA GAS (Continued) **1025867149**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	61794 29 PALMS HWY
Owner/Operator City,State,Zip:	JOSHUA TREE, CA 92252-2301
Owner/Operator Telephone:	760-366-3527
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2005-06-27 00:00:00.0
Handler Name: JOSHUA GAS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	22121
NAICS Description:	NATURAL GAS DISTRIBUTION
NAICS Code:	44719
NAICS Description:	OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

B7 **JOSHUA GAS** **EDR Hist Auto** **1022042719**
ESE **61794 29 PALMS HWY** **N/A**
< 1/8 **JOSHUA TREE, CA 92252**
0.106 mi.
558 ft. **Site 4 of 4 in cluster B**

Relative: EDR Hist Auto
Lower

Actual:
2724 ft.

Year:	Name:	Type:
1969	GARRY ROBERT K	Gasoline Service Stations
1970	GARRY ROBERT K	Gasoline Service Stations
1971	GARRY ROBERT K	Gasoline Service Stations
1972	GARRY ROBERT K	Gasoline Service Stations
1973	GARRY ROBERT K	Gasoline Service Stations
2008	JOSHUA GAS	Gasoline Service Stations
2009	JOSHUA GAS	Gasoline Service Stations
2010	JOSHUA GAS	Gasoline Service Stations
2011	JOSHUA GAS	Gasoline Service Stations
2012	JOSHUA GAS	Gasoline Service Stations

JOSHUA GAS (Continued) **1022042719**

2013 JOSHUA GAS Gasoline Service Stations
2014 JOSHUA GAS Gasoline Service Stations

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8 **BILL BOE'S AUTOMOTIVE** **San Bern. Co. Permit** **S106910714**
East **6426 PARK BLVD** **N/A**
< 1/8 **JOSHUA TREE, CA 92252**
0.116 mi.
610 ft.

Relative: **Lower**

Actual: **2721 ft.**

San Bern. Co. Permit:
Name: BILL BOE'S AUTOMOTIVE
Address: 6426 PARK BLVD
City,State,Zip: JOSHUA TREE, CA 92252
Region: SAN BERNARDINO
Facility ID: FA0001477
Owner: BOE, WILLIAM
Permit Number: PT0007681
Permit Category: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Facility Status: INACTIVE
Expiration Date: 11/30/2003

C9 **JOSHUA TREE VALERO** **UST** **U004264026**
ESE **61794 TWENTYNINE PALMS HWY** **N/A**
< 1/8 **JOSHUA TREE, CA 92252**
0.120 mi.
633 ft. **Site 1 of 2 in cluster C**

Relative: **Lower**

Actual: **2730 ft.**

UST:
Name: JOSHUA TREE VALERO
Address: 61794 TWENTYNINE PALMS HWY
City,State,Zip: JOSHUA TREE, CA 92252
Facility ID: FA0008056
Permitting Agency: San Bernardino County Fire Department
Latitude: 34.135441
Longitude: -116.315567

C10 **JOSHUA TREE VALERO** **CERS HAZ WASTE** **S106911264**
ESE **61794 TWENTYNINE PALMS HWY** **CERS TANKS** **N/A**
< 1/8 **JOSHUA TREE, CA 92252** **EMI**
0.120 mi. **San Bern. Co. Permit**
633 ft. **Site 2 of 2 in cluster C** **CERS**

Relative: **Lower**

Actual: **2730 ft.**

CERS HAZ WASTE:
Name: JOSHUA TREE VALERO
Address: 61794 TWENTYNINE PALMS HWY
City,State,Zip: JOSHUA TREE, CA 92252
Site ID: 40586
CERS ID: 10047943
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: JOSHUA TREE VALERO
Address: 61794 TWENTYNINE PALMS HWY
City,State,Zip: JOSHUA TREE, CA 92252

JOSHUA TREE VALERO (Continued) **S106911264**

Site ID: 40586
CERS ID: 10047943
CERS Description: Underground Storage Tank

EMI:

Name:	JOSHUA GAS
Address:	61794 TWENTYNINE PALMS HWY
City,State,Zip:	JOSHUA TREE, CA 92252
Year:	2014
County Code:	36
Air Basin:	MD
Facility ID:	154402622
Air District Name:	MOJ
SIC Code:	5541
Air District Name:	MOJAVE DESERT AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.25793564
Reactive Organic Gases Tons/Yr:	0.25793564
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	JOSHUA GAS
Address:	61794 TWENTYNINE PALMS HWY
City,State,Zip:	JOSHUA TREE, CA 92252
Year:	2015
County Code:	36
Air Basin:	MD
Facility ID:	154402622
Air District Name:	MOJ
SIC Code:	5541
Air District Name:	MOJAVE DESERT AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.243779976
Reactive Organic Gases Tons/Yr:	0.243779976
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	JOSHUA GAS
Address:	61794 TWENTYNINE PALMS HWY
City,State,Zip:	JOSHUA TREE, CA 92252
Year:	2016
County Code:	36
Air Basin:	MD
Facility ID:	154402622
Air District Name:	MOJ
SIC Code:	5541
Air District Name:	MOJAVE DESERT AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

JOSHUA TREE VALERO (Continued) **S106911264**

Total Organic Hydrocarbon Gases Tons/Yr:	0.243779976
Reactive Organic Gases Tons/Yr:	0.243779976
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	JOSHUA GAS
Address:	61794 TWENTYNINE PALMS HWY
City,State,Zip:	JOSHUA TREE, CA 92252
Year:	2017
County Code:	36
Air Basin:	MD
Facility ID:	154402622
Air District Name:	MOJ
SIC Code:	5541
Air District Name:	MOJAVE DESERT AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.319006975
Reactive Organic Gases Tons/Yr:	0.319006975
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

Name:	JOSHUA GAS
Address:	61794 TWENTYNINE PALMS HWY
City,State,Zip:	JOSHUA TREE, CA 92252
Year:	2018
County Code:	36
Air Basin:	MD
Facility ID:	2622
Air District Name:	MOJ
SIC Code:	5541
Air District Name:	MOJAVE DESERT AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.366
Reactive Organic Gases Tons/Yr:	0.366
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

San Bern. Co. Permit:

Name:	JOSHUA TREE VALERO
Address:	61794 TWENTYNINE PALMS HWY
City,State,Zip:	JOSHUA TREE, CA 92252
Region:	SAN BERNARDINO
Facility ID:	FA0008056
Owner:	SALHOTRA, NEELAM
Permit Number:	PT0016834
Permit Category:	HAZMAT HANDLER, UST ONLY - PER YEAR

JOSHUA TREE VALERO (Continued) **S106911264**

Facility Status: ACTIVE
Expiration Date: 05/31/2021

Name: JOSHUA TREE VALERO
Address: 61794 TWENTYNINE PALMS HWY
City,State,Zip: JOSHUA TREE, CA 92252
Region: SAN BERNARDINO
Facility ID: FA0008056
Owner: SALHOTRA, NEELAM
Permit Number: PT0020982
Permit Category: WASTE INCIDENTAL UST OPERATION ONLY -PER YEAR
Facility Status: ACTIVE
Expiration Date: 05/31/2021

Name: JOSHUA TREE VALERO
Address: 61794 TWENTYNINE PALMS HWY
City,State,Zip: JOSHUA TREE, CA 92252
Region: SAN BERNARDINO
Facility ID: FA0008056
Owner: SALHOTRA, NEELAM
Permit Number: PT0016835
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE
Expiration Date: 05/31/2021

Name: JOSHUA TREE VALERO
Address: 61794 TWENTYNINE PALMS HWY
City,State,Zip: JOSHUA TREE, CA 92252
Region: SAN BERNARDINO
Facility ID: FA0008056
Owner: SALHOTRA, NEELAM
Permit Number: PT0016836
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE
Expiration Date: 05/31/2021

Name: JOSHUA TREE VALERO
Address: 61794 TWENTYNINE PALMS HWY
City,State,Zip: JOSHUA TREE, CA 92252
Region: SAN BERNARDINO
Facility ID: FA0008056
Owner: SALHOTRA, NEELAM
Permit Number: PT0016837
Permit Category: REGULAR UST ANNUAL INSPECTION (PER TANK)
Facility Status: ACTIVE
Expiration Date: 05/31/2021

CERS:
Name: JOSHUA TREE VALERO
Address: 61794 TWENTYNINE PALMS HWY
City,State,Zip: JOSHUA TREE, CA 92252
Site ID: 40586
CERS ID: 10047943
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 40586

JOSHUA TREE VALERO (Continued) **S106911264**

Site Name: JOSHUA TREE VALERO
Violation Date: 01-08-2021
Citation: 23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b)
Violation Description: "Failure to submit a copy of the overfill prevention equipment inspection results on the G Overfill Prevention Equipment Inspection Report FormG to the UPA within 30 days after the inspection. "
Violation Notes: MOST RECENT OVERFILL PREVENTION TEST REPORT SCHEDULED TO BE COMPLETED ON 1/14/2020 WAS NOT ON SITE DURING INSPECTION AND THERE ARE NO RECORDS OF A COPY BEING PROVIDED TO THIS DEPARTMENT. OBTAIN MISSING OVERFILL PREVENTION TEST RESULTS TO THIS DEPARTMENT WITHIN 30 DAYS.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-05-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 02/05/2016. Hazardous waste accumulation time exceeded (CCR 66262.34(a)) HAZARDOUS WASTE DRUMS GENERATED DURING LAST SB989 EVENT STILL ONSITE. DISPOSE WITHIN 30 DAYS AND PROVIDE A COPY OF DISPOSAL RECEIPT WITH SIGNED CERTIFICATE OF COMPLIANCE AS PROOF OF COMPLIANCE.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-26-2019
Citation: 23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)
Violation Description: Failure to submit the G Underground Storage Tank Statement of Understanding and Compliance Form.G
Violation Notes: Returned to compliance on 01/14/2020. UST OWNER/OPERATOR STATEMENT OF UNDERSTANDING COMPLIANCE FORM HAS NOT BEEN SUBMITTED ON LINE IN THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS). IMMEDIATELY PREPARE AND SUBMIT OWNER/OPERATOR STATEMENT OF UNDERSTANDING COMPLIANCE ON LINE IN CERS AND SUBMIT DOCUMENTATION OF COMPLIANCE TO THIS DEPARTMENT WITHIN 30 DAYS.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-29-2018
Citation: 23 CCR 16 2712(b)(1)(F) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(F)
Violation Description: "Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test of the secondary containment system upon installation, within six months of installation and every 36 months thereafter. Perform the test of a secondary containment component within 30 days of a repair or

JOSHUA TREE VALERO (Continued) **S106911264**

discontinuing vacuum, pressure or hydrostatic monitoring. Use a procedure that demonstrates the system works as well as at installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician. Maintain records of secondary containment testing for 36 months."

Violation Notes: Returned to compliance on 12/09/2019. OBSERVATION: Owner/Operator did not do one or more of the following: conduct secondary containment testing within six months of installation and every 36 months thereafter; perform secondary containment testing within 30 days of a repair or discontinuing VPH monitoring; use a procedure that demonstrates the system works as well as at installation; use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval; have testing performed by a certified service technician; or maintain records of secondary containment testing for 36 months. CORRECTIVE ACTION: Conduct secondary containment testing in accordance with all applicable requirements and maintain records for 36 months. Submit verification.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 12-09-2014
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: Failure to test the spill bucket annually.
Violation Notes: Returned to compliance on 12/15/2015. VIOLATION: THE DIESEL'S OVERSPILL BUCKET FAILED WHEN TESTED. COMPLIANCE REQUIREMENT: WITHIN 30 DAYS, SUBMIT A COPY OF THE WORK ORDER DOCUMENTING THE REPAIR/ REPLACEMENT AND THE FUNCTIONALITY OF THE OVERSPILL BUCKET.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-26-2019
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 01/14/2020. EVIDENCE OF FINANCIAL RESPONSIBILITY FOR UST SYSTEM DOCUMENTS SIGNED BY RAJESH VERMA AND SUBMITTED ON LINE IN THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) IS NOT VALID. RAJESH VERMA IS NOT A PART OF THE OWNERSHIP OF THIS UST FACILITY. IMMEDIATELY UPDATE EVIDENCE OF FINANCIAL RESPONSIBILITY TO SUBMIT ON LINE IN CERS AND PROVIDE DOCUMENTATION OF COMPLIANCE TO THIS DEPARTMENT WITHIN 30 DAYS.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-26-2019

JOSHUA TREE VALERO (Continued) **S106911264**

Citation: 23 CCR 16 2712(b)(1)(F) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(F)
Violation Description: "Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test of the secondary containment system upon installation, within six months of installation and every 36 months thereafter. Perform the test of a secondary containment component within 30 days of a repair or discontinuing vacuum, pressure or hydrostatic monitoring. Use a procedure that demonstrates the system works as well as at installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician. Maintain records of secondary containment testing for 36 months."
Violation Notes: Returned to compliance on 12/09/2019. PREVIOUS SECONDARY CONTAINMENT TESTING COMPLETED FOR THIS UST SYSTEM WAS ON 10/08/2015 AND IS OVER A YEAR PASS DUE. IMMEDIATELY SCHEDULE UST SECONDARY CONTAINMENT TESTING WITH THIS DEPARTMENT WITHIN 30 DAYS. THIS IS A RECALCITRANT VIOLATION NOTED BY INSPECTOR OTTER ON THE PREVIOUS INSPECTION REPORT DATED 11/29/2018.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-26-2019
Citation: HSC 6.7 25291(a)(1) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(a)(1)
Violation Description: Failure to construct, operate, and maintain primary containment as product-tight.
Violation Notes: Returned to compliance on 12/12/2019. PRODUCT LINES IN BOTH UDC #1/2 AND UDC #5/6 IS LEAKING IN AREA AROUND THE SHEAR VALVES. PUMPS #1/2 AND #5/6 ARE NOT BE USED UNTIL ALL FUEL LINES HAVE BEEN REPAIRED AND MAINTAINED PRODUCT TIGHT. IMMEDIATELY REPAIR CAUSE OF PRODUCT LEAKS IN THE PREVIOUSLY MENTIONED CONTAINMENTS AND SUBMIT DOCUMENTATION OF REPAIR TO THIS DEPARTMENT WITHIN 30 DAYS. NOTE: CONTACT THIS DEPARTMENT FOR APPROVAL PRIOR TO ANY REPAIRS REQUIRING PERMITS.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 12-09-2014
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 05/22/2015.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-03-2017
Citation: 23 CCR 16 2712(i), 2632(d)(2), 2634(e), 2641(h) - California Code of

JOSHUA TREE VALERO (Continued) **S106911264**

Regulations, Title 23, Chapter 16, Section(s) 2712(i), 2632(d)(2), 2634(e), 2641(h)

Violation Description: Failure to submit a current UST Response Plan available on site.
Violation Notes: Returned to compliance on 02/11/2018. FACILITY MADE CORRECTION AS INDICATED ON INSPECTION REPORT, CLOSE OUT VIOLATION PER P. SAAVEDRA-PREYES OBSERVED UST TANK INFORMATION PAGE ON CERS WEBSITE WITH INCORRECT INFORMATION. UPDATE UST PRIMARY CONTAINMENT TO REFLECT STEEL. CURRENTLY PRIMARY CONTAINMENT IS LISTED AS FIBERGLASS. COMPLIANCE REQUIREMENT: UPDATE CERS TO REFLECT CURRENT AND CORRECT UST INFORMATION. SUBMIT A SIGNED CERTIFICATE OF COMPLIANCE WITHIN 30 DAYS.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 01-14-2020
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes: Returned to compliance on 01/14/2020. OVERFILL PREVENTION TESTING/INSPECTION CANNOT BE COMPLETED TO DATE DUE TO CONTRACTOR NOT POSSESSING THE CURRENT CERTIFICATIONS. DAVE LOPEZ JUNIOR WILL BE SCHEDULED TO BE ONSITE WITHIN A FEW HOURS TO COMPLETE THE TEST. SUBMIT REPORT OF OVERFILL TEST TO THIS DEPARTMENT WITHIN 7 DAYS. THIS IS A RECALCITRANT VIOLATION NOTED BY INSPECTOR SAGUAN ON 11/26/2019.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-03-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter

JOSHUA TREE VALERO (Continued) **S106911264**

6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 12/05/2018. OBSERVED STORM DRAIN LOCATIONS MISSING FROM CERS HAZARDOUS MATERIALS INVENTORY SITE MAP. OBSERVED LEGEND MISSING FROM MAP. COMPLIANCE REQUIREMENT: UPDATE MAP TO REFLECT COMPLETE INFORMATION. SUBMIT SIGNED CERTIFICATE OF COMPLIANCE WITHIN 30 DAYS.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 06-05-2020
Citation: HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)
Violation Description: Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes: Returned to compliance on 09/02/2020. OBSERVATION: The 3 year SB989 secondary containment test results from 12/09/2019, have failures noted on the following containments: UDC 1/2, UDC 3/4, UDC 5/6, and UDC 7/8. CORRECTIVE ACTION: Submit plans to this agency to repair all failed containments from the test results from 12/09/2019. Plans must be submitted to this agency within 30 days, if no plan check is required to repair the failures, please submit a work order and passing results to this agency within 30 days.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 01-14-2020
Citation: 23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)
Violation Description: Failure to submit the G Underground Storage Tank Statement of Understanding and Compliance Form.G
Violation Notes: Returned to compliance on 01/14/2020. UST OWNER/OPERATOR STATEMENT OF UNDERSTANDING COMPLIANCE FORM HAS NOT BEEN SUBMITTED ON LINE IN THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS). IMMEDIATELY PREPARE AND SUBMIT OWNER/OPERATOR STATEMENT OF UNDERSTANDING COMPLIANCE ON LINE IN CERS AND SUBMIT DOCUMENTATION OF COMPLIANCE TO THIS DEPARTMENT WITHIN 7 DAYS. THIS IS A RECALCITRANT VIOLATION NOTED BY INSPECTOR SAGUAN ON 11/26/2019.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-05-2015
Citation: Un-Specified
Violation Description: UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes: Returned to compliance on 02/05/2016. Failure to correct past UST

JOSHUA TREE VALERO (Continued) **S106911264**

violations within 30 days of receiving a UST inspection report (23CCR 2712(f)) External alarm on overfill not functional. violation issued last inspection 12/19/14 not corrected. PROVIDE WORK ORDER AND RETEST AS PROOF OF COMPLIANCE WITH SIGNED CERTIFICATE OF COMPLIANCE

Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-26-2019
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description: "Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes: Returned to compliance on 11/26/2019. 87 FILL SPILL BUCKET CONTAINER INITIALLY FAILED. THE 87 FILL SPILL BUCKET WAS REPAIRED AND WITNESSED PASSING DURING INSPECTION.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 01-14-2020
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 01/14/2020. EVIDENCE OF FINANCIAL RESPONSIBILITY FOR UST SYSTEM DOCUMENTS SIGNED BY RAJESH VERMA AND SUBMITTED ON LINE IN THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) IS NOT VALID. RAJESH VERMA IS NOT A PART OF THE OWNERSHIP OF THIS UST FACILITY. IMMEDIATELY UPDATE EVIDENCE OF FINANCIAL RESPONSIBILITY TO SUBMIT ON LINE IN CERS AND PROVIDE DOCUMENTATION OF COMPLIANCE TO THIS DEPARTMENT WITHIN 7 DAYS. THIS IS A RECALCITRANT VIOLATION NOTED BY INSPECTOR SAGUAN ON 11/26/2019.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 12-09-2014
Citation: Un-Specified
Violation Description: UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes: Returned to compliance on 05/22/2015. Failure to have a written monitoring program with monitoring procedures and response plan. (CCR

JOSHUA TREE VALERO (Continued) **S106911264**

2632(d)) OBSERVATION: FACILITY HAS NOT SUBMITTED THE REQUIRED BUSINESS PLAN DOCUMENTATION TO THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) COMPLIANCE REQUIREMENT: SUBMIT THE REQUIRED BUSINESS PLAN DOCUMENTATION TO CERS WITHIN 30 DAYS. SIGN DATE AND SUBMIT THE CERTIFICATE OF COMPLIANCE TO THIS DEPARTMENT INDICATING THE DATE OF CERS SUBMITTAL.

Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-05-2015
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description: Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.
Violation Notes: Returned to compliance on 11/05/2015. LIQUID OBSERVED IN DIESEL FILL AND STP AND 87 VAPOR BUCKET. CONTRACTOR WILL REMOVE TODAY
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-05-2015
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes: Returned to compliance on 01/27/2016. REFLECT HAZARDOUS WASTE (SPILL BUCKET AND SB989 TEST WATER) ON FACILITY INVENTORY.\\ UPDATE IN CERS.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-05-2015
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 11/05/2015. Failure to label hazardous waste containers (CCR 66262.34(f)(3)) LABEL NOT VISIBLE ON 2 OF 3 DRUMS. CORRECTED TODAY
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-04-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter

JOSHUA TREE VALERO (Continued) **S106911264**

6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 06/23/2017. OBSERVATION: THE EMERGENCY CONTACT INFORMATION FOR THE SAN BERNARDINO COUNTY FIRE DEPARTMENT (CUPA) IS INCORRECT. REQUIREMENT: WITHIN 30 DAYS, UPDATE THE EMERGENCY RESPONSE/CONTINGENCY PLAN TO REFLECT THE EMERGENCY CONTACT NUMBER AS (909) 386-8425 (NOT 386-8433) AND RE-SUBMIT TO CERS. SIGN AND RETURN THE CERTIFICATE OF COMPLIANCE TO JKOOYMAN@SBCFIRE.ORG UPON COMPLETION.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 01-08-2021
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.
Violation Notes: EPA IDENTIFICATION NUMBER CAL000295729 FOR THIS SITE IS CURRENTLY INACTIVE. IMMEDIATELY OBTAIN ACTIVE EPA IDENTIFICATION NUMBER FOR THIS SITE AND SUBMIT DOCUMENTATION OF COMPLIANCE TO THIS DEPARTMENT WITHIN 30 DAYS.
Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 01-14-2020
Citation: 23 CCR 16 2712(b)(1)(F) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(F)
Violation Description: "Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test of the secondary containment system upon installation, within six months of installation and every 36 months thereafter. Perform the test of a secondary containment component within 30 days of a repair or discontinuing vacuum, pressure or hydrostatic monitoring. Use a procedure that demonstrates the system works as well as at installation. Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval. Performed by a certified service technician. Maintain records of secondary containment testing for 36 months."
Violation Notes: Returned to compliance on 01/22/2020. PREVIOUS SECONDARY CONTAINMENT TESTING COMPLETED FOR THIS UST SYSTEM WAS ON 10/08/2015 AND IS OVER A YEAR PASS DUE. RECORDS INDICATE THAT SB989 TEST WAS COMPLETED ON 12/9/2020. IMMEDIATELY SUBMIT REPORT UST SECONDARY CONTAINMENT TESTING THAT WAS COMPLETED ON 12/9/2019 TO THIS DEPARTMENT WITHIN 7 DAYS. THIS IS A RECALCITRANT VIOLATION NOTED BY INSPECTOR OTTER ON THE PREVIOUS INSPECTION REPORT DATED 11/29/2018 AND BY INSPECTOR SAGUAN ON 11/26/2019.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

JOSHUA TREE VALERO (Continued) **S106911264**

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 12-09-2014
Citation: HSC 6.7 29291(b) - California Health and Safety Code, Chapter 6.7, Section(s) 29291(b)
Violation Description: Failure of the UST system to be designed and constructed with a monitoring system capable of detecting the entry of the hazardous substance stored in the primary containment into the secondary containment.
Violation Notes: Returned to compliance on 12/09/2014. VIOLATION: THE SENSOR LOCATED IN THE DIESEL FILL SUMP, WAS OBSERVED HANGING 3 FEET ABOVE THE LOW POINT IN THE SUMP.(LIFTED SENSOR). COMPLIANCE MET ON SITE:(1) SPOKE TO MANAGER AND STATED TO HIM THAT A LIFTED SENSOR IS CONSIDERED TAMPERING.(2) TECHNICIAN PLACED SENSOR AT THE LOW POINT IN THE SUMP.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-04-2016
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 11/18/2016. OBSERVATION: THE DIESEL OVERSPILL BUCKET FAILED TO MAINTAIN LIQUID WHEN TESTED. REQUIREMENT: WITHIN 10 DAYS, REPAIR/REPLACE THE FAILED BUCKET USING LIKE-FOR-LIKE EQUIPMENT. UPON COMPLETION, SUBMIT A COPY OF THE WORK ORDER DOCUMENTING THE REPAIR AND RETEST OF THE DIESEL OVERSPILL BUCKET AND SIGN/RETURN THE CERTIFICATE OF COMPLIANCE TO JKOOYMAN@SBCFIRE.ORG.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 12-09-2014
Citation: Un-Specified
Violation Description: UST Program - Administration/Documentation - For use of Local Ordinance only
Violation Notes: Returned to compliance on 05/22/2015. Failure to submit a signed Designated UST Operator Statement (23 CCR 2715(a))
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 12-09-2014
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.

JOSHUA TREE VALERO (Continued) **S106911264**

Violation Notes:	Returned to compliance on 08/11/2015. VIOLATION: THE EXTERNAL AUDIBLE OVERFILL ALARM FAILED WHEN TESTED. COMPLIANCE REQUIREMENT: WITHIN 30 DAYS, SUBMIT A COPY OF THE WORK ORDER DOCUMENTING THE REPAIR/ REPLACEMENT AND THE FUNCTIONALITY OF THE EXTERNAL AUDIBLE OVERFILL ALARM.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	40586
Site Name:	JOSHUA TREE VALERO
Violation Date:	11-26-2019
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description:	Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1,- 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October- 1,- 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes:	Returned to compliance on 01/14/2020. OVERFILL PREVENTION TESTING/INSPECTION HAS NOT BEEN COMPLETED TO DATE. IMMEDIATELY SCHEDULE OVERFILL PREVENTION INSPECTION/TESTING WITH THIS DEPARTMENT TO BE COMPLETED WITHIN 30 DAYS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	40586
Site Name:	JOSHUA TREE VALERO
Violation Date:	11-05-2015
Citation:	HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description:	Haz Waste Generator Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 11/05/2015. Failure to complete hazardous waste labels (CCR 66262.34(f)(3)) LABEL INCOMPLETE. CORRECTED TODAY.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HW
Violation Source:	CERS

JOSHUA TREE VALERO (Continued) **S106911264**

Site ID:	40586
Site Name:	JOSHUA TREE VALERO
Violation Date:	12-09-2014
Citation:	HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description:	Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.
Violation Notes:	Returned to compliance on 12/09/2014. VIOLATION: LIQUID WAS OBSERVED IN THE 87-FILL SUMP AND THE DIESEL-FILL SUMP. COMPLIANCE MET ON SITE: TECHNICIAN REMOVED LIQUID FROM BOTH SUMPS.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	40586
Site Name:	JOSHUA TREE VALERO
Violation Date:	12-09-2014
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 05/22/2015. OBSERVATION: FACILITY HAS NOT SUBMITTED THE REQUIRED BUSINESS PLAN DOCUMENTATION TO THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) COMPLIANCE REQUIREMENT: SUBMIT THE REQUIRED BUSINESS PLAN DOCUMENTATION TO CERS WITHIN 30 DAYS. SIGN DATE AND SUBMIT THE CERTIFICATE OF COMPLIANCE TO THIS DEPARTMENT INDICATING THE DATE OF CERS SUBMITTAL.
Violation Division:	San Bernardino County Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	40586
Site Name:	JOSHUA TREE VALERO
Violation Date:	12-09-2014
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of sensor to be located in the proper position/location.
Violation Notes:	Returned to compliance on 12/09/2014. VIOLATION: THE SENSOR LOCATED IN THE DIESEL FILL SUMP, WAS OBSERVED HANGING 3 FEET ABOVE THE LOW POINT IN THE SUMP.(LIFTED SENSOR). COMPLIANCE MET ON SITE:(1) SPOKE TO MANAGER AND STATED TO HIM THAT A LIFTED SENSOR IS CONSIDERED TAMPERING.(2) TECHNICIAN PLACED SENSOR AT THE LOW POINT IN THE SUMP.
Violation Division:	San Bernardino County Fire Department
Violation Program:	UST
Violation Source:	CERS

Site ID:	40586
Site Name:	JOSHUA TREE VALERO
Violation Date:	01-08-2021
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description:	Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes:	Returned to compliance on 01/08/2021. PREVIOUS MONITORING SYSTEM

JOSHUA TREE VALERO (Continued) **S106911264**

CERTIFICATION WAS ON 11/26/2019 AND IS PASSED DUE. THE UST MONITORING SYSTEM CERTIFICATION COMPLETED TODAY WILL SATISFY THE RETURN TO COMPLIANCE REQUIREMENT OF THIS VIOLATION HOWEVER, THE NEXT UST MONITORING SYSTEM CERTIFICATION WILL BE DUE ON OR BEFORE NOVEMBER OF 2021.

Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 12-09-2014
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes: Returned to compliance on 05/22/2015. OBSERVATION: FACILITY HAS NOT SUBMITTED THE REQUIRED BUSINESS PLAN DOCUMENTATION TO THE CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) COMPLIANCE REQUIREMENT: SUBMIT THE REQUIRED BUSINESS PLAN DOCUMENTATION TO CERS WITHIN 30 DAYS. SIGN DATE AND SUBMIT THE CERTIFICATE OF COMPLIANCE TO THIS DEPARTMENT INDICATING THE DATE OF CERS SUBMITTAL.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-05-2015
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes: Returned to compliance on 01/27/2016. THE FOLLOWING INFORMATION IS INACCURATE CORRECT THE FOLLOWING INFORMATION IN CERS WITHIN 30 DAYS: ---TANK INFORMATION: VENT AND VAPOR RECOVERY CONSTRUCTION: SECONDARY CONTAINMENT: INDICATED AS "NONE" CORRECT TO "FIBERGLASS" PROVIDE THE SIGNED CERTIFICATE OF COMPLIANCE AS DOCUMENTATION OF CORRECTION.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Violation Date: 11-05-2015
Citation: HSC 6.7 25299 - California Health and Safety Code, Chapter 6.7, Section(s) 25299
Violation Description: Failure to comply with one or more of the operating permit conditions.
Violation Notes: Returned to compliance on 11/05/2015. VR420 IN 87 ANNULAR FAILED TO SHUT DOWN TURBINE (ALARMED AT MONITOR - PROGRAMMED CORRECTLY). OWNER ACQUIRED SENSOR WILL RETEST TODAY.
Violation Division: San Bernardino County Fire Department
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection

JOSHUA TREE VALERO (Continued) **S106911264**

Eval Date: 01-08-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HAZARDOUS MATERIALS HANDLER
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ANNUAL UST INSPECTION WITH MONITORING SYSTEM CERTIFICATION.
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-08-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HAZARDOUS WASTE INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-14-2020
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: RE-INSPECTION TO FOLLOW UP ON VIOLATIONS NOTED ON PREVIOUS INSPECTION REPORT. 7 DAY NOTICE.
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-05-2020
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: SB989 secondary containment test results reviewed, failures noted
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-03-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ANNUAL UST INSPECTION AND CERS REVIEW
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-03-2017
Violations Found: Yes

JOSHUA TREE VALERO (Continued) **S106911264**

Eval Type:	Routine done by local agency
Eval Notes:	HAZMAT HANDLER UST ONLY INSPECTION
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-04-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	UST FIELD INSPECTION-ANNUAL MONITORING SYSTEM CERTIFICATION (3 TANKS) W/STEVEN LOERA
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-04-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	UST HANDLER INSPECTION AND CERS REVIEW
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	11-05-2015
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	SB989 testing in progress
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-05-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	HAZ WASTE VIOLATIONS OBSERVED
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-05-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	MONT CERT WITH SB989 CAT VALERO JOSHUA TREE
Eval Division:	San Bernardino County Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-05-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	UPDATE INVENTORY IN CERS TO REFLECT HAZARDOUS WASTE

JOSHUA TREE VALERO (Continued) **S106911264**

Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-07-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST ANNUAL INSPECTION WITH MONITORING SYSTEM CERTIFICATION.
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-07-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST HAZ MAT INSPECTION WITH UST MONITORING CERTIFICATION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-07-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST WASTE ONLY INSPECTION CONDUCTED WITH ANNUAL UST INSPECTION.
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-26-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HAZARDOUS MATERIALS HANDLER INSPECTION - UST ONLY
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-26-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: UST ANNUAL INSPECTION WITH MONITORING SYSTEM CERTIFICATION.
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-29-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST Haz Mat handler Inspection
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

JOSHUA TREE VALERO (Continued) **S106911264**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-29-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST Haz Waste Generator Inspection
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 11-29-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Overfill Inspection
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-29-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: UST Annual Inspection, Monitoring Cert with CERS Review
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: JOSHUA TREE VALERO- UST INSPECTION.
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: JOSHUA TREE VALERO- UST INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-09-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: JOSHUA TREE VALERO- UST MONITORING INSPECTION.
Eval Division: San Bernardino County Fire Department
Eval Program: UST
Eval Source: CERS

Enforcement Action:
Site ID: 40586
Site Name: JOSHUA TREE VALERO

JOSHUA TREE VALERO (Continued) **S106911264**

Site Address: 61794 TWENTYNINE PALMS HWY
Site City: JOSHUA TREE
Site Zip: 92252
Enf Action Date: 11-04-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Site Address: 61794 TWENTYNINE PALMS HWY
Site City: JOSHUA TREE
Site Zip: 92252
Enf Action Date: 11-04-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Site Address: 61794 TWENTYNINE PALMS HWY
Site City: JOSHUA TREE
Site Zip: 92252
Enf Action Date: 11-05-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Site Address: 61794 TWENTYNINE PALMS HWY
Site City: JOSHUA TREE
Site Zip: 92252
Enf Action Date: 11-05-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HW
Enf Action Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Site Address: 61794 TWENTYNINE PALMS HWY
Site City: JOSHUA TREE
Site Zip: 92252
Enf Action Date: 11-05-2015
Enf Action Type: Notice of Violation (Unified Program)

JOSHUA TREE VALERO (Continued) **S106911264**

Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Site Address: 61794 TWENTYNINE PALMS HWY
Site City: JOSHUA TREE
Site Zip: 92252
Enf Action Date: 12-09-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 40586
Site Name: JOSHUA TREE VALERO
Site Address: 61794 TWENTYNINE PALMS HWY
Site City: JOSHUA TREE
Site Zip: 92252
Enf Action Date: 12-09-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: UST
Enf Action Source: CERS

Coordinates:
Site ID: 40586
Facility Name: JOSHUA TREE VALERO
Env Int Type Code: HWG
Program ID: 10047943
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 34.135437
Longitude: -116.315552

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: SALHOTRA, NEELAM
Entity Title: Not reported
Affiliation Address: 58471 TWENTYNINE PALMS HWY
Affiliation City: YUCCA VALLEY
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92284
Affiliation Phone: (760) 366-3527

Affiliation Type Desc: Operator
Entity Name: JOSHUA TREE VALERO
Entity Title: Not reported

JOSHUA TREE VALERO (Continued) **S106911264**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(760) 362-3908
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	JOSHUA TREE VALERO
Entity Title:	Not reported
Affiliation Address:	61794 TWENTYNINE PALMS HWY
Affiliation City:	JOSHUA TREE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92252
Affiliation Phone:	(760) 366-3527
Affiliation Type Desc:	Environmental Contact
Entity Name:	NEELAM SALHOTRA
Entity Title:	Not reported
Affiliation Address:	61794 29 PALMS HWY
Affiliation City:	JOSHUA TREE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92252
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Tank Owner
Entity Name:	JOSHUA TREE VALERO
Entity Title:	Not reported
Affiliation Address:	61794 TWENTYNINE PALMS HWY
Affiliation City:	JOSHUA TREE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92252
Affiliation Phone:	(760) 366-3527
Affiliation Type Desc:	CUPA District
Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401
Affiliation Type Desc:	Identification Signer
Entity Name:	NEELAM SALHOTRA
Entity Title:	OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

JOSHUA TREE VALERO (Continued) **S106911264**

Affiliation Type Desc:	Parent Corporation
Entity Name:	JOSHUA TREE VALERO
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:	Property Owner
Entity Name:	JOSHUA TREE VALERO
Entity Title:	Not reported
Affiliation Address:	61794 TWENTYNINE PALMS HWY
Affiliation City:	JOSHUA TREE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92252
Affiliation Phone:	(760) 366-3527

Affiliation Type Desc:	UST Tank Operator
Entity Name:	JOSHUA TREE VALERO
Entity Title:	Not reported
Affiliation Address:	61794 TWENTYNINE PALMS HWY
Affiliation City:	JOSHUA TREE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92252
Affiliation Phone:	(760) 366-3527

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	61794 TWENTYNINE PALMS HWY
Affiliation City:	JOSHUA TREE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92252
Affiliation Phone:	Not reported

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Neelam Salhotra
Entity Title:	Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(760) 366-3527

D11 **DISTRICT MAINTENANCE YARD** **HIST UST** **U001574008**
ENE **6258 PARK BLVD** **N/A**
1/8-1/4 **JOSHUA TREE, CA 92252**
0.138 mi.
730 ft. **Site 1 of 3 in cluster D**

Relative: **Lower**
Actual: **2713 ft.**

HIST UST:

Name:	DISTRICT MAINTENANCE YARD
Address:	6258 PARK BLVD
City,State,Zip:	JOSHUA TREE, CA 92252
File Number:	0002A0A9
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A0A9.pdf
Region:	STATE
Facility ID:	00000043539
Facility Type:	Other
Other Type:	WATER DISTRICT
Contact Name:	DAVE BEHRENS
Telephone:	6193669582
Owner Name:	JOSHUA BASIN WATER DISTRICT
Owner Address:	61761 29 PALMS HWY., P.O. BOX
Owner City,St,Zip:	JOSHUA TREE, CA 92252
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1982
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	10
Leak Detection:	Visual, Stock Inventor

Click here for Geo Tracker PDF:

D12 **JOSHUA BASIN WATER DIST YARD** **RCRA NonGen / NLR** **1024787700**
ENE **6258 PARK BLVD** **CAL000036099**
1/8-1/4 **JOSHUA TREE, CA 92252**
0.138 mi.
730 ft. **Site 2 of 3 in cluster D**

Relative: **Lower**
Actual: **2713 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	1990-07-05 00:00:00.0
Handler Name:	JOSHUA BASIN WATER DIST YARD
Handler Address:	6258 PARK BLVD
Handler City,State,Zip:	JOSHUA TREE, CA 92252-0000
EPA ID:	CAL000036099
Contact Name:	SCOTT HUDSON
Contact Address:	61750 CHOLLITA RD.
Contact City,State,Zip:	JOSHUA TREE, CA 92252
Contact Telephone:	951-694-2591
Contact Fax:	760-366-9528
Contact Email:	SHUDSON@JBWD.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities

JOSHUA BASIN WATER DIST YARD (Continued) **1024787700**

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P.O. BOX 675
Mailing City,State,Zip:	JOSHUA TREE, CA 92520-2348
Owner Name:	JOSHUA BASIN WATER DISTRICT
Owner Type:	Other
Operator Name:	SCOTT HUDSON
Operator Type:	Other
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:	Yes
Universal Waste Destination Facility:	Yes
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:	N
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
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:41:24.0
Recognized Trader-Importer:	No

JOSHUA BASIN WATER DIST YARD (Continued) **1024787700**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JOSHUA BASIN WATER DISTRICT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	61750 CHOLLITA RD
Owner/Operator City,State,Zip:	JOSHUA TREE, CA 92252-2348
Owner/Operator Telephone:	760-366-8438
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SCOTT HUDSON
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	61750 CHOLLITA RD.
Owner/Operator City,State,Zip:	JOSHUA TREE, CA 92252
Owner/Operator Telephone:	951-694-2591
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1990-07-05 00:00:00.0
Handler Name:	JOSHUA BASIN WATER DIST YARD
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 Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

JOSHUA BASIN WATER DIST YARD (Continued) **1024787700**

Evaluation Action Summary:
Evaluations: No Evaluations Found

D13 **JOSHUA BASIN WATER DIST** **AST** **S104767447**
ENE **6258 PARK AVE** **CERS HAZ WASTE** **N/A**
1/8-1/4 **JOSHUA TREE, CA 92252** **CERS TANKS**
0.138 mi. **San Bern. Co. Permit**
730 ft. **Site 3 of 3 in cluster D** **CERS**

Relative: **Lower**

Actual: **2713 ft.**

AST:

Name:	JOSHUA BASIN WATER DIST
Address:	6258 PARK AVE
City/Zip:	JOSHUA TREE,92252
Certified Unified Program Agencies:	Not reported
Owner:	JOSHUA BASIN WATER DIST
Total Gallons:	Not reported
CERSID:	10040995
Facility ID:	FA0004176
Business Name:	JOSHUA BASIN WATER DIST
Phone:	(760) 366-8438
Fax:	(760) 366-9528
Mailing Address:	P O BOX 675
Mailing Address City:	JOSHUA TREE
Mailing Address State:	CA
Mailing Address Zip Code:	92252
Operator Name:	Joshua Basin Water District
Operator Phone:	(760) 366-8438
Owner Phone:	(760) 366-8438
Owner Mail Address:	61750 CHOLLITA RD
Owner State:	CA
Owner Zip Code:	Not reported
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

Name:	JOSHUA BASIN WATER DIST
Address:	6258 PARK AVE
City/Zip:	JOSHUA TREE,
Certified Unified Program Agencies:	San Bernardino
Owner:	JOSHUA BASIN WATER DIST
Total Gallons:	2,000
CERSID:	Not reported
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

JOSHUA BASIN WATER DIST (Continued) **S104767447**

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

CERS HAZ WASTE:

Name:	JOSHUA BASIN WATER DIST
Address:	6258 PARK AVE
City,State,Zip:	JOSHUA TREE, CA 92252
Site ID:	126780
CERS ID:	10040995
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	JOSHUA BASIN WATER DIST
Address:	6258 PARK AVE
City,State,Zip:	JOSHUA TREE, CA 92252
Site ID:	126780
CERS ID:	10040995
CERS Description:	Aboveground Petroleum Storage

San Bern. Co. Permit:

Name:	JOSHUA BASIN WATER DIST
Address:	6258 PARK AVE
City,State,Zip:	JOSHUA TREE, CA 92252
Region:	SAN BERNARDINO
Facility ID:	FA0004176
Owner:	JOSHUA BASIN WATER DIST
Permit Number:	PT0013006
Permit Category:	APSA 1,320-10,000 GAL FAC CAPACITY
Facility Status:	ACTIVE
Expiration Date:	11/30/2020

Name:	JOSHUA BASIN WATER DIST
Address:	6258 PARK AVE
City,State,Zip:	JOSHUA TREE, CA 92252
Region:	SAN BERNARDINO
Facility ID:	FA0004176
Owner:	JOSHUA BASIN WATER DIST
Permit Number:	PT0004694
Permit Category:	HAZARDOUS MATERIALS 4-10 CHEMICALS
Facility Status:	ACTIVE
Expiration Date:	11/30/2020

Name: JOSHUA BASIN WATER DIST

JOSHUA BASIN WATER DIST (Continued) **S104767447**

Address: 6258 PARK AVE
City,State,Zip: JOSHUA TREE, CA 92252
Region: SAN BERNARDINO
Facility ID: FA0004176
Owner: JOSHUA BASIN WATER DIST
Permit Number: PT0034123
Permit Category: CONDITIONALLY EXEMPT SM QTY GENERATOR
Facility Status: ACTIVE
Expiration Date: 11/30/2020

CERS:
Name: JOSHUA BASIN WATER DIST
Address: 6258 PARK AVE
City,State,Zip: JOSHUA TREE, CA 92252
Site ID: 126780
CERS ID: 10040995
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 126780
Site Name: JOSHUA BASIN WATER DIST
Violation Date: 08-28-2014
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: Returned to compliance on 09/24/2014. Business plan was last submitted in CERS on 05/28/2013
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 126780
Site Name: JOSHUA BASIN WATER DIST
Violation Date: 12-12-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: The quantities of hazardous materials and/or hazardous waste observed on site does not correlate with quantities disclosed in the most recent CERS submittal on 08/17/2017.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 126780
Site Name: JOSHUA BASIN WATER DIST
Violation Date: 12-12-2017
Citation: HSC 6.5 25189.5(a),25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a),25201(a)
Violation Description: Failure to dispose of hazardous waste at a facility which has a permit from DTSC or disposing of hazardous waste at any point which is not authorized according to HSC 6.5.
Violation Notes: Returned to compliance on 01/24/2018. Per conversation with Dan Bock, Field Service Technician, it is the practice of this facility to

JOSHUA BASIN WATER DIST (Continued) **S104767447**

discard the facility generated drained used oil filters as solid waste. Drained used oil filters are to be managed in a compatible container that is able to be closed, which is appropriately labeled with "drained used oil filters" and the accumulation start date; the facility may accumulate drained used oil filters in such a manner for one year from the point of generation. Accumulated drained used oil filters shall be transported by a licensed hazardous waste hauler to an appropriate destination facility. Compliance Requirement: Sign the Certificate of Compliance in attestation that this facility will no longer dispose of drained used oil filters as solid waste, and will manage drained used oil filters describe in the California Health and Safety Code 25250

Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 126780
Site Name: JOSHUA BASIN WATER DIST
Violation Date: 08-28-2014
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Haz Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 09/24/2014. Failure to obtain a CUPA Hazardous Waste Generator Permit (SBCC 23.0602(b)(1)) This facility does not have a hazardous waste generator permit.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 126780
Site Name: JOSHUA BASIN WATER DIST
Violation Date: 12-12-2017
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes: Returned to compliance on 01/24/2018. Facility staff last reviewed and re certified the SPCC Plan on 03/27/2007. Compliance Requirement: Sign the CErtificate of Compliance in attestation that the current SPCC Plan has been reviewed and recertified, or a new Tier I Templated SPCC Plan has been prepared and implemented.
Violation Division: San Bernardino County Fire Department
Violation Program: APSA
Violation Source: CERS

Site ID: 126780
Site Name: JOSHUA BASIN WATER DIST
Violation Date: 12-12-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 12/12/2017. Failure to label hazardous waste containers (CCR 66262.34(f)(3)) Observed (1) 55 gallon drum of used lubrication oil to be missing appropriate hazardous waste labeling. Associated violation was corrected on site at the time of the inspection.

JOSHUA BASIN WATER DIST (Continued) **S104767447**

Violation Division: San Bernardino County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 126780
Site Name: JOSHUA BASIN WATER DIST
Violation Date: 08-28-2014
Citation: HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes: Returned to compliance on 09/24/2014. Observed hazardous materials and hazardous waste onsite to be not consistent with the most recent CERS submittal.
Violation Division: San Bernardino County Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: ROUTINE INSEPCTION
Eval Division: San Bernardino County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 08-28-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ROUTINE INSPECTION
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-28-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE INSPECTION, FUEL, GET NEW CAR FROM FLEET SERVICES
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: APSA

JOSHUA BASIN WATER DIST (Continued) **S104767447**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-12-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: San Bernardino County Fire Department
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 126780
Site Name: JOSHUA BASIN WATER DIST
Site Address: 6258 PARK AVE
Site City: JOSHUA TREE
Site Zip: 92252
Enf Action Date: 08-28-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: San Bernardino County Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: RANDY LITTLE
Entity Title: Not reported
Affiliation Address: P O BOX 675
Affiliation City: JOSHUA TREE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92252
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: Joshua Basin Water District
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: (760) 366-8438

Affiliation Type Desc: CUPA District

JOSHUA BASIN WATER DIST (Continued) **S104767447**

Entity Name:	San Bernardino County Fire
Entity Title:	Not reported
Affiliation Address:	620 South E Street
Affiliation City:	San Bernardino
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92415-0153
Affiliation Phone:	(909) 386-8401
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P O BOX 675
Affiliation City:	JOSHUA TREE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92252
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	JOSHUA BASIN WATER DIST
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:	Scott Hudson
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:	Identification Signer
Entity Name:	Scott Hudson
Entity Title:	Safety and Security Director
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:	Legal Owner
Entity Name:	JOSHUA BASIN WATER DIST
Entity Title:	Not reported
Affiliation Address:	61750 CHOLLITA RD
Affiliation City:	JOSHUA TREE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92252-9225

JOSHUA BASIN WATER DIST (Continued) **S104767447**

Affiliation Phone: (760) 366-8438

E14 **GEN TELEPHONE OF CA/ JOSHUA TREE** **RCRA-SQG** **1000133591**
ESE **61838 COMMERCIAL ST** **FINDS** **CAD980887715**
1/8-1/4 **JOSHUA TREE, CA 92252** **ECHO**
0.167 mi.
882 ft. **Site 1 of 3 in cluster E**

Relative: **Lower**
Actual: **2727 ft.**

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	GEN TELEPHONE OF CA/ JOSHUA TREE
Handler Address:	61838 COMMERCIAL ST
Handler City,State,Zip:	JOSHUA TREE, CA 92252
EPA ID:	CAD980887715
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4
Mailing Address:	P O BOX 725
Mailing City,State,Zip:	CHINO, CA 91708
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
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

GEN TELEPHONE OF CA/ JOSHUA TREE (Continued) **1000133591**

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
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:22:58.0
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:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212

GEN TELEPHONE OF CA/ JOSHUA TREE (Continued) **1000133591**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: GEN TELEPHONE OF CA/ JOSHUA TREE
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
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

Receive Date: 1985-09-06 00:00:00.0
Handler Name: GEN TELEPHONE OF CA/ JOSHUA TREE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
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: No
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

FINDS:
Registry ID: 110002674598

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.

GEN TELEPHONE OF CA/ JOSHUA TREE (Continued) **1000133591**

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

ECHO:

Envid:	1000133591
Registry ID:	110002674598
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002674598
Name:	GEN TELEPHONE OF CA/ JOSHUA TREE
Address:	61838 COMMERCIAL ST
City,State,Zip:	JOSHUA TREE, CA 92252

E15 **GTE/JOSHUA TREE C.D.** **SWEEPS UST** **S104905529**
ESE **61838 COMMERCIAL ST** **San Bern. Co. Permit** **N/A**
1/8-1/4 **JOSHUA TREE, CA 92252**
0.167 mi.
882 ft. **Site 2 of 3 in cluster E**

Relative:
Lower

Actual:
2727 ft.

SWEEPS UST:

Name:	GTE/JOSHUA TREE C.D.
Address:	61838 COMMERCIAL ST
City:	JOSHUA TREE
Status:	Active
Comp Number:	8886
Number:	1
Board Of Equalization:	44-020133
Referral Date:	03-24-92
Action Date:	03-24-92
Created Date:	09-15-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	36-000-008886-000001
Tank Status:	A
Capacity:	1
Active Date:	09-15-88
Tank Use:	UNKNOWN
STG:	P
Content:	UNKNOWN
Number Of Tanks:	1

San Bern. Co. Permit:

Name:	FRONTIER CALIFORNIA, INC.: JOSHUA TREE RSU2
Address:	61838 COMMERCIAL ST
City,State,Zip:	JOSHUA TREE, CA 92252
Region:	SAN BERNARDINO
Facility ID:	FA0003631
Owner:	FRONTIER CALIFORNIA, INC
Permit Number:	PT0015191
Permit Category:	HAZARDOUS MATERIALS 1-3 CHEMICALS SPECIAL
Facility Status:	ACTIVE
Expiration Date:	05/31/2021

Name:	FRONTIER CALIFORNIA, INC.: JOSHUA TREE RSU2
Address:	61838 COMMERCIAL ST
City,State,Zip:	JOSHUA TREE, CA 92252
Region:	SAN BERNARDINO
Facility ID:	FA0003631
Owner:	FRONTIER CALIFORNIA, INC
Permit Number:	PT0002269

GTE/JOSHUA TREE C.D. (Continued) **S104905529**

Permit Category: HAZMAT HANDLER, UST ONLY - PER YEAR
Facility Status: INACTIVE
Expiration Date: 05/31/2005

E16 **HARPERS AUTO REPAIR** **RCRA NonGen / NLR** **1024849067**
ESE **6484 CENTER ST** **CAL000405250**
1/8-1/4 **JOSHUA TREE, CA 92252**
0.180 mi.
951 ft. **Site 3 of 3 in cluster E**

Relative: **Lower**
Actual: **2729 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		2015-03-16 00:00:00.0
Handler Name:	HARPERS AUTO REPAIR	
Handler Address:		6484 CENTER ST
Handler City,State,Zip:		JOSHUA TREE, CA 92252
EPA ID:		CAL000405250
Contact Name:		TRAVIS HARPER
Contact Address:		6484 CENTER ST
Contact City,State,Zip:		JOSHUA TREE, CA 92252
Contact Telephone:		760-974-9172
Contact Fax:		760-974-9172
Contact Email:		WRENCHHEAD427@YAHOO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		6484 CENTER ST
Mailing City,State,Zip:		JOSHUA TREE, CA 92252
Owner Name:		TRAVIS HARPER
Owner Type:		Other
Operator Name:		TRAVIS HARPER
Operator Type:		Other
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:		Yes
Universal Waste Destination Facility:		Yes
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:		N
Sub-Part K Indicator:		Not reported

HARPERS AUTO REPAIR (Continued) **1024849067**

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
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:05:53.0
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:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TRAVIS HARPER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6484 CENTER ST
Owner/Operator City,State,Zip:	JOSHUA TREE, CA 92252
Owner/Operator Telephone:	760-974-9172
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	TRAVIS HARPER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	6484 CENTER ST
Owner/Operator City,State,Zip:	JOSHUA TREE, CA 92252

HARPERS AUTO REPAIR (Continued) **1024849067**

Owner/Operator Telephone: 760-343-6099
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2015-03-16 00:00:00.0
Handler Name: HARPERS AUTO REPAIR
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 Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

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: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 05/03/2021
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: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 05/03/2021
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.

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: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 05/03/2021
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 know 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: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/03/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/03/2021
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: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/23/2021
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: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

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

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: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

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

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: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

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

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: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

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

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
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 39

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/24/2021
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: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2021
Next Scheduled EDR Contact: 06/06/2021
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: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

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 identifes 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 inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive 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: 02/09/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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
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 Resources Control Board
Telephone: see region list
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
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
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 Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
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
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
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
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
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
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
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
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
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.

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: 04/23/2021
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: 04/23/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

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

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/23/2021
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
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 8
Telephone: 303-312-6271
Last EDR Contact: 04/23/2021
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
Date Data Arrived at EDR: 12/22/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/23/2021
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
Date Data Arrived at EDR: 12/18/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 84

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/23/2021
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
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 1
Telephone: 617-918-1313
Last EDR Contact: 04/23/2021
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
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/23/2021
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
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 Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

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

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 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
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 04/01/2021
Number of Days to Update: 23

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust 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 Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
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: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 03/12/2021
Next Scheduled EDR Contact: 06/28/2021
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
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 1
Telephone: 617-918-1313
Last EDR Contact: 04/23/2021
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
Date Data Arrived at EDR: 12/18/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 84

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/23/2021
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
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: 04/23/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/23/2021
Next Scheduled EDR Contact: 08/02/2021
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
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 8
Telephone: 303-312-6137
Last EDR Contact: 04/23/2021
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
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 9
Telephone: 415-972-3368
Last EDR Contact: 04/23/2021
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
Date Data Arrived at EDR: 12/22/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/23/2021
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
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: 312-886-6136
Last EDR Contact: 04/23/2021
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
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/22/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
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
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 Brownfields sites

BROWNFIELDS: Considered Brownfieds 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: 12/17/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 03/09/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/23/2021
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: 12/11/2020
Date Data Arrived at EDR: 12/11/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/16/2021
Next Scheduled EDR Contact: 06/28/2021
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.

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: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
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: 02/08/2021
Next Scheduled EDR Contact: 05/24/2021
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 Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/29/2021
Next Scheduled EDR Contact: 08/09/2021
Data Release Frequency: Varies

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
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: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
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
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
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
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

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
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: 916-255-6504
Last EDR Contact: 04/14/2021
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
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/20/2021
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.

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: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
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: 12/07/2020
Date Data Arrived at EDR: 12/08/2020
Date Made Active in Reports: 02/22/2021
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2021
Next Scheduled EDR Contact: 06/21/2021
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: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

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

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
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/20/2021
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
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
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: 11/24/2020
Date Data Arrived at EDR: 11/30/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
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: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/03/2021
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: 11/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/12/2021
Number of Days to Update: 73

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 03/03/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

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
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 85

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/24/2021
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
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/20/2021
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
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
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
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
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
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
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.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

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: 02/17/2021
Next Scheduled EDR Contact: 05/31/2021
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: 02/09/2021
Next Scheduled EDR Contact: 05/24/2021
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

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
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 04/30/2021
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
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/05/2021
Next Scheduled EDR Contact: 05/17/2021
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
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/19/2021
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
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/02/2021
Next Scheduled EDR Contact: 05/31/2021
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
Date Data Arrived at EDR: 01/21/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 60

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/20/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Annually

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: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/03/2021
Next Scheduled EDR Contact: 06/14/2021
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: 11/02/2020
Date Data Arrived at EDR: 11/12/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 74

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/19/2021
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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
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
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/05/2021
Number of Days to Update: 50
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/03/2021
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
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/09/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Annually

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
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/31/2021
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
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: 08/05/2020
Date Data Arrived at EDR: 08/10/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 59
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/16/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 03/05/2021
Next Scheduled EDR Contact: 06/14/2021
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
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/02/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/05/2021
Next Scheduled EDR Contact: 05/17/2021
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
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/25/2021
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
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
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/27/2021
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.

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: 02/18/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/03/2021
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 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

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

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/30/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 03/01/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Quarterly

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: 11/03/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 63

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/24/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Semi-Annually

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: 02/26/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/06/2021
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
Date Data Arrived at EDR: 12/11/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 81

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/10/2021
Next Scheduled EDR Contact: 06/21/2021
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
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 33

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/03/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/13/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/06/2021
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.

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: 02/26/2021
Next Scheduled EDR Contact: 06/06/2021
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: 02/17/2021
Next Scheduled EDR Contact: 05/31/2021
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: 12/17/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 03/09/2021
Number of Days to Update: 82

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: 02/12/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 78

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
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: 11/17/2020
Date Data Arrived at EDR: 11/18/2020
Date Made Active in Reports: 02/04/2021
Number of Days to Update: 78

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
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: 11/23/2020
Date Data Arrived at EDR: 11/25/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 77

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Annually

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: 03/19/2021
Next Scheduled EDR Contact: 06/28/2021
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 Resoruces 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: 11/12/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 01/29/2021
Number of Days to Update: 77
Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/24/2021
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.

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: 11/13/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 02/01/2021
Number of Days to Update: 80
Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/17/2021
Next Scheduled EDR Contact: 05/31/2021
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: 11/13/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 02/01/2021
Number of Days to Update: 80
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/17/2021
Next Scheduled EDR Contact: 05/31/2021
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: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
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.

Date of Government Version: 10/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/12/2021
Number of Days to Update: 73
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/03/2021
Next Scheduled EDR Contact: 06/14/2021
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: 02/09/2021
Next Scheduled EDR Contact: 05/24/2021
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: 11/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/12/2021
Number of Days to Update: 73
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 03/03/2021
Next Scheduled EDR Contact: 06/14/2021
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: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
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: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/12/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
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: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/09/2021
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
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
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
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/19/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized 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 Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects 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 Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
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
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Quarterly

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
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/12/2021
Number of Days to Update: 73

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 03/03/2021
Next Scheduled EDR Contact: 06/14/2021
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
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/20/2021
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
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 Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
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
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 Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds 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 Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public 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 Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

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
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 Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
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
Date Data Arrived at EDR: 04/09/2021
Date Made Active in Reports: 04/20/2021
Number of Days to Update: 11

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
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
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/31/2021
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
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/31/2021
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
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

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.

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: 04/27/2021
Next Scheduled EDR Contact: 08/16/2021
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

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: 04/14/2021
Next Scheduled EDR Contact: 07/05/2021
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.

Date of Government Version: 10/22/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/20/2021
Number of Days to Update: 78

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/21/2021
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: 11/18/2020
Date Data Arrived at EDR: 11/19/2020
Date Made Active in Reports: 02/04/2021
Number of Days to Update: 77

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
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:

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: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
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: 04/27/2021
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: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
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:

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: 04/27/2021
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: 03/12/2021
Next Scheduled EDR Contact: 06/28/2021
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: 12/31/2019
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

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

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
Date Data Arrived at EDR: 04/16/2021
Date Made Active in Reports: 04/21/2021
Number of Days to Update: 5
Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 04/16/2021
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
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

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
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

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
Date Data Arrived at EDR: 01/12/2021
Date Made Active in Reports: 03/26/2021
Number of Days to Update: 73
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/16/2021
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
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/07/2021
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
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/14/2021
Next Scheduled EDR Contact: 08/02/2021
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 77

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/23/2021
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
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
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
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/25/2021
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
Date Data Arrived at EDR: 12/21/2020
Date Made Active in Reports: 03/10/2021
Number of Days to Update: 79

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/04/2021
Date Data Arrived at EDR: 02/09/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 9

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 01/29/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 11/16/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/3021
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: 72

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: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
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: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
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.

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: 09/01/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

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: 11/24/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 1

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
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: 03/15/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: Quarterly

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: 03/15/2021
Next Scheduled EDR Contact: 06/28/2021
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: 11/16/2020
Date Data Arrived at EDR: 11/18/2020
Date Made Active in Reports: 02/04/2021
Number of Days to Update: 78

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:

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: 11/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/16/2021
Number of Days to Update: 77

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/03/2021
Next Scheduled EDR Contact: 03/15/2021
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: 04/27/2021
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: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/27/2021
Number of Days to Update: 82

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 Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

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: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

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: 03/12/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 02/01/2021
Number of Days to Update: 80

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
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: 03/12/2021
Next Scheduled EDR Contact: 06/21/2021
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: 03/08/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

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: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/20/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/05/2021
Number of Days to Update: 74

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
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: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
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: 04/27/2021
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: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

SHASTA COUNTY:

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: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
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: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 12/03/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 77

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/12/2021
Next Scheduled EDR Contact: 06/14/2021
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: 03/19/2021
Next Scheduled EDR Contact: 07/05/2021
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: 03/19/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 77

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/21/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 78

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
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: Divison 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:

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
Date Data Arrived at EDR: 01/29/2021
Date Made Active in Reports: 04/22/2021
Number of Days to Update: 83

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/19/2021
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
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/25/2021
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
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/24/2021
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
Date Data Arrived at EDR: 04/21/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 2

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/19/2021
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
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
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
Date Data Arrived at EDR: 12/23/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 12

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/26/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/26/2021
Date Data Arrived at EDR: 01/28/2021
Date Made Active in Reports: 02/03/2021
Number of Days to Update: 6

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: 08/10/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 13

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/12/2021
Next Scheduled EDR Contact: 05/24/2021
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: 02/09/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Annually

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: 03/08/2021
Next Scheduled EDR Contact: 06/21/2021
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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 ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

VACANT LAND
TWENTY NINE PALMS HWY
JOSHUA TREE, CA 92252

TARGET PROPERTY COORDINATES

Latitude (North):	34.136825 - 34° 8' 12.57''
Longitude (West):	116.319543 - 116° 19' 10.35''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	562739.8
UTM Y (Meters):	3777341.2
Elevation:	2736 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5619586 JOSHUA TREE NORTH, CA
Version Date:	2012
South Map:	5629026 JOSHUA TREE SOUTH, 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).

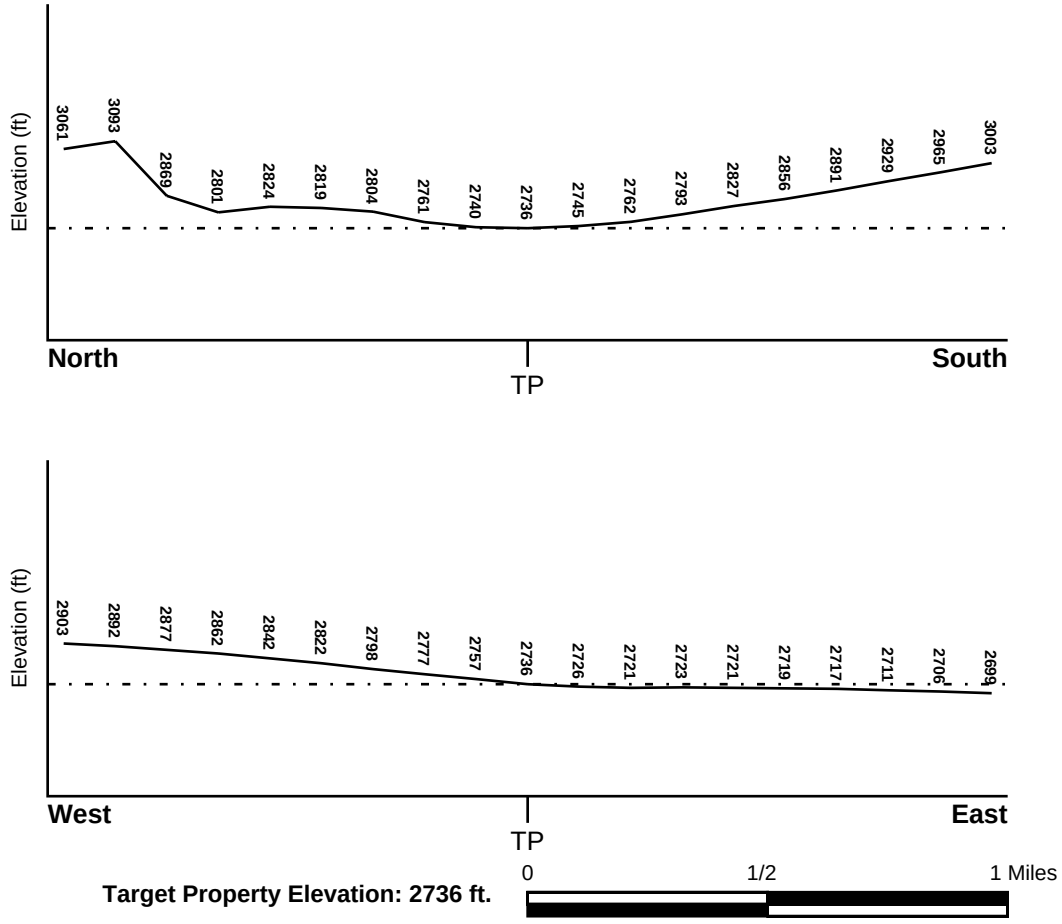
TOPOGRAPHIC INFORMATION

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 ESE

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

Flood Plain Panel at Target Property	FEMA Source Type
06071C8140H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06071C8145H	FEMA FIRM Flood data
06071C8880H	FEMA FIRM Flood data
06071C8885H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
JOSHUA TREE NORTH	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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

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: Stratifed 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).

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	HANFORD
Soil Surface Texture:	coarse sandy loam
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. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	MODERATE
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	12 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 7.80 Min: 5.60
2	12 inches	50 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 7.80 Min: 5.60
3	50 inches	60 inches	gravelly - fine sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 7.80 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: sandy loam
gravelly - sandy loam
loamy sand
stony - loam
cobbly - loamy sand

Surficial Soil Types: sandy loam
gravelly - sandy loam
loamy sand
stony - loam
cobbly - loamy sand

Shallow Soil Types: gravelly - loam
very cobbly - loam

Deeper Soil Types: stratified
gravelly - sandy loam
weathered bedrock

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	USGS40000141882	1/8 - 1/4 Mile ENE
B7	USGS40000142019	1/4 - 1/2 Mile ENE
B10	USGS40000141903	1/4 - 1/2 Mile ENE
D13	USGS40000141748	1/4 - 1/2 Mile SSE
23	USGS40000141776	1/4 - 1/2 Mile WSW
G25	USGS40000141913	1/2 - 1 Mile ENE
H28	USGS40000141984	1/2 - 1 Mile West
G33	USGS40000142018	1/2 - 1 Mile ENE
35	USGS40000141983	1/2 - 1 Mile East
I39	USGS40000142140	1/2 - 1 Mile NE
J40	USGS40000141850	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
19	CA3600787	1/4 - 1/2 Mile ESE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

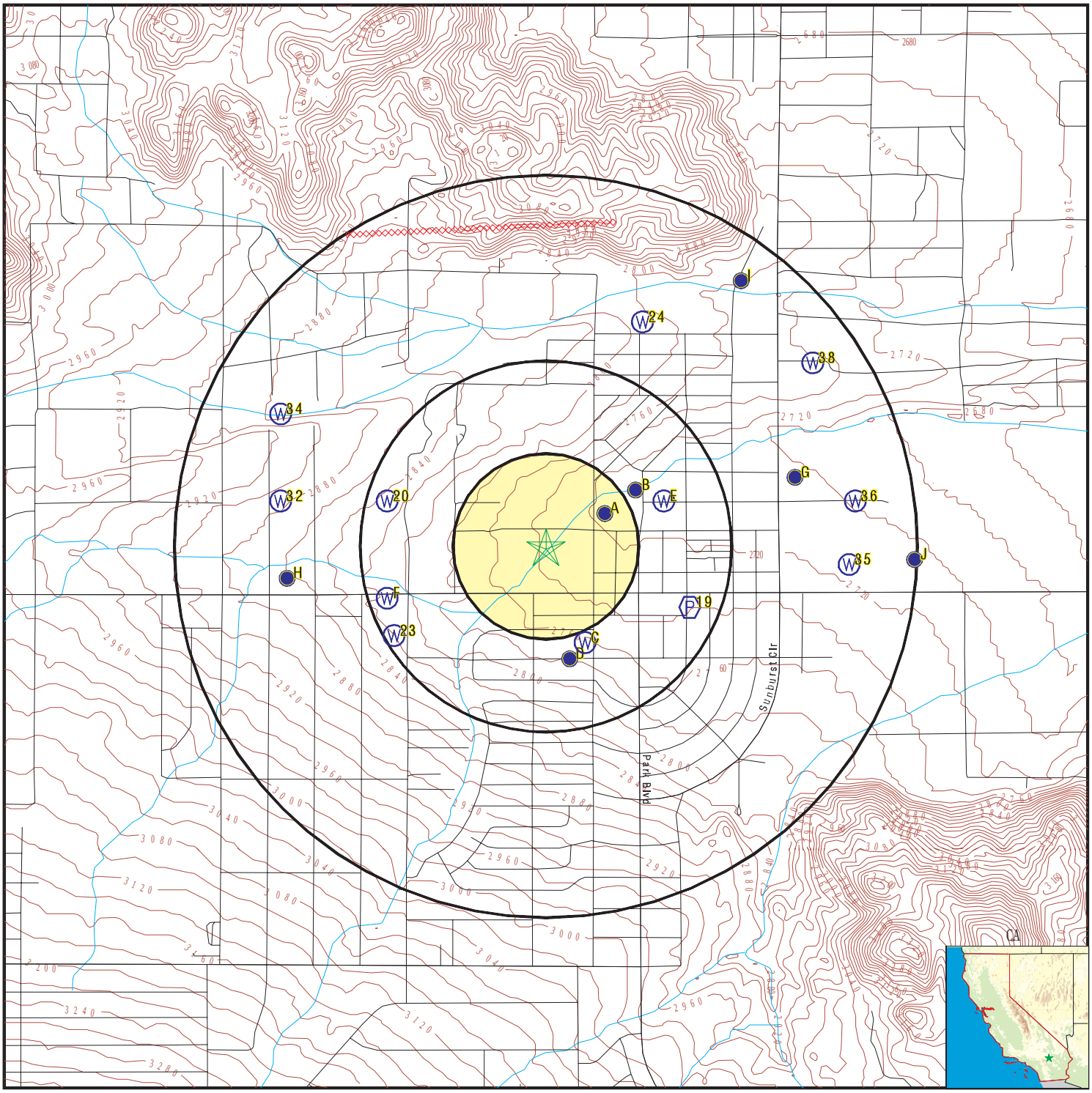
MAP ID	WELL ID	LOCATION FROM TP
A1	CADWR0000032652	1/8 - 1/4 Mile ENE
A2	CADWR8000007104	1/8 - 1/4 Mile ENE
A4	CAUSGSN00015119	1/8 - 1/4 Mile ENE
A5	CADWR8000007106	1/8 - 1/4 Mile ENE
B6	CADWR8000007115	1/4 - 1/2 Mile NE
C8	238	1/4 - 1/2 Mile SSE
C9	239	1/4 - 1/2 Mile SSE
B11	CAUSGSN00007124	1/4 - 1/2 Mile ENE
B12	CADDW0000017047	1/4 - 1/2 Mile ENE
B14	CADWR0000018818	1/4 - 1/2 Mile ENE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C15	CADWR8000007032	1/4 - 1/2 Mile SSE
D16	CAUSGSN00017341	1/4 - 1/2 Mile SSE
E17	CADWR0000000655	1/4 - 1/2 Mile ENE
E18	CADWR0000015119	1/4 - 1/2 Mile ENE
20	CADWR0000003859	1/4 - 1/2 Mile WNW
F21	CADWR0000005107	1/4 - 1/2 Mile WSW
F22	CADWR0000015049	1/4 - 1/2 Mile WSW
24	CADWR0000014799	1/2 - 1 Mile NNE
G26	CADWR8000007123	1/2 - 1 Mile ENE
G27	CAUSGSN00001652	1/2 - 1 Mile ENE
G29	CADWR0000034442	1/2 - 1 Mile ENE
G30	CADWR8000007129	1/2 - 1 Mile ENE
H31	CADWR8000007068	1/2 - 1 Mile West
32	CADWR0000004435	1/2 - 1 Mile West
34	CADWR0000032906	1/2 - 1 Mile WNW
36	CADWR0000020592	1/2 - 1 Mile East
I37	CADWR8000007202	1/2 - 1 Mile NE
38	CADWR0000007955	1/2 - 1 Mile NE
J41	CAUSGSN00007814	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 6480216.2s



- 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:	Vacant Land	CLIENT:	NV5
ADDRESS:	Twenty Nine Palms Hwy Joshua Tree CA 92252	CONTACT:	Eric Fraske
		INQUIRY #:	6480216.2s
LAT/LONG:	34.136825 / 116.319543	DATE:	May 05, 2021 5:14 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
ENE
1/8 - 1/4 Mile
Lower

CA WELLS **CADWR0000032652**

Well ID:	01N06E25M002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01N06E25M002S	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=01N06E25M002S&store_num=		
GeoTracker Data:	Not Reported		

A2
ENE
1/8 - 1/4 Mile
Lower

CA WELLS **CADWR8000007104**

State Well #:	01N06E25M002S	Station ID:	50198
Well Name:	WELL 2	Well Use:	Unknown
Well Type:	Single Well	Well Depth:	500
Basin Name:	Warren Valley	Well Completion Rpt #:	Not Reported

---

A3
ENE
1/8 - 1/4 Mile
Lower

FED USGS **USGS40000141882**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N006E25M002S	Type:	Well
Description:	Not Reported	HUC:	18100100
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1961	Well Depth:	500
Well Depth Units:	ft	Well Hole Depth:	500
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	8	Level reading date:	2004-03-01
Feet below surface:	460	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2004-02-01	Feet below surface:	460
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-02-01	Feet below surface:	454
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-03	Feet below surface:	457
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-01	Feet below surface:	454
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1998-03-29	Feet below surface:	451.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-04-30	Feet below surface:	448.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-30	Feet below surface:	444.62
Feet to sea level:	Not Reported	Note:	Not Reported

A4
ENE **CA WELLS** **CAUSGSN00015119**
1/8 - 1/4 Mile
Lower

Well ID:	USGS-340817116185801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340817116185801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340817116185801&store_num=		
GeoTracker Data:	Not Reported		

A5
ENE **CA WELLS** **CADWR8000007106**
1/8 - 1/4 Mile
Lower

State Well #:	01N06E25M001S	Station ID:	2067
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Warren Valley	Well Completion Rpt #:	Not Reported

---

B6
NE **CA WELLS** **CADWR8000007115**
1/4 - 1/2 Mile
Lower

State Well #:	01N06E25M003S	Station ID:	2068
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Warren Valley	Well Completion Rpt #:	Not Reported

---

B7
ENE **FED USGS** **USGS40000142019**
1/4 - 1/2 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N006E25M001S	Type:	Well
Description:	Not Reported	HUC:	18100100
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1936	Well Depth:	512

Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	15	Level reading date:	1969-04
Feet below surface:	410.5	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1958-07-22	Feet below surface:	Not Reported
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1956-04-01	Feet below surface:	406.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1953-05-25	Feet below surface:	411.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1952-11-18	Feet below surface:	407.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1952-05-26	Feet below surface:	418.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1951-11-13	Feet below surface:	414.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1951-03-13	Feet below surface:	408.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1950-11-07	Feet below surface:	407.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1950-04-11	Feet below surface:	408.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1948-11-16	Feet below surface:	408.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1948-04-07	Feet below surface:	412.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1947-11-17	Feet below surface:	408.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1947-04-15	Feet below surface:	406.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-05-28	Feet below surface:	408.0
Feet to sea level:	Not Reported	Note:	Not Reported

C8
SSE
1/4 - 1/2 Mile
Higher

CA WELLS 238

Seq:	238	Prim sta c:	01N/06E-25M02 S
Frds no:	3610025005	County:	36
District:	13	User id:	TAN
System no:	3610025	Water type:	G
Source nam:	WELL 10	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340800.0	Longitude:	1161900.0

Precision:	8	Status:	AR
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:	3610025	System nam:	Joshua Basin Cwd
Hqname:	Not Reported	Address:	P O BOX 675
City:	JOSHUA TREE	State:	CA
Zip:	92252	Zip ext:	Not Reported
Pop serv:	7200	Connection:	3644
Area serve:	JOSHUA TREE		

Sample date:	03-JAN-18	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		

Sample date:	03-JAN-18	Finding:	5.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	20-DEC-17	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	06-DEC-17	Finding:	5.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	08-NOV-17	Finding:	5.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	04-OCT-17	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	06-SEP-17	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	09-AUG-17	Finding:	1.4
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	09-AUG-17	Finding:	1.6
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	09-AUG-17	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	09-AUG-17	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	09-AUG-17	Finding:	3.7
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		

Sample date:	05-JUL-17	Finding:	12.

Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	07-JUN-17	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-MAY-17	Finding:	5.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-17	Finding:	5.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-17	Finding:	13.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	01-MAR-17	Finding:	12.51
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-MAR-17	Finding:	0.72
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-MAR-17	Finding:	1.32
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-MAR-17	Finding:	190.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAR-17	Finding:	0.52
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	01-MAR-17	Finding:	13.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-MAR-17	Finding:	11.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAR-17	Finding:	2.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAR-17	Finding:	34.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAR-17	Finding:	4.8
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAR-17	Finding:	16.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	01-MAR-17	Finding:	60.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAR-17	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-MAR-17	Finding:	120.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAR-17	Finding:	98.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAR-17	Finding:	8.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-MAR-17	Finding:	280.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-MAR-17	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	01-FEB-17	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-JAN-17	Finding:	13.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-JAN-17	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-DEC-16	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-NOV-16	Finding:	13.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	09-NOV-16	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-OCT-16	Finding:	13.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-OCT-16	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-AUG-16	Finding:	5.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	03-AUG-16	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JUL-16	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-JUL-16	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-MAY-16	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-APR-16	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-APR-16	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-MAR-16	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	09-MAR-16	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-FEB-16	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-FEB-16	Finding:	21.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	27-JAN-16	Finding:	3.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JAN-16	Finding:	22.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	09-DEC-15	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	18-NOV-15	Finding:	3400.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-NOV-15	Finding:	0.61
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	04-NOV-15	Finding:	0.8
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	04-NOV-15	Finding:	23.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	07-OCT-15	Finding:	25.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	07-OCT-15	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-SEP-15	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	09-SEP-15	Finding:	23.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	19-AUG-15	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-JUL-15	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	10-JUN-15	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JUN-15	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-JUN-15	Finding:	24.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	13-MAY-15	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-APR-15	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	06-APR-15	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-MAR-15	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	02-FEB-15	Finding:	19.
Chemical:	SOURCE TEMPERATURE C	Report units:	C

Dlr:	0.		
Sample date:	02-FEB-15	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-DEC-14	Finding:	12.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-OCT-14	Finding:	23.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	06-OCT-14	Finding:	0.9
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	03-SEP-14	Finding:	24.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	03-SEP-14	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	25-AUG-14	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-AUG-14	Finding:	24.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	04-AUG-14	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	02-JUN-14	Finding:	25.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	05-MAY-14	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	05-MAY-14	Finding:	23.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	17-MAR-14	Finding:	11.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-MAR-14	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-MAR-14	Finding:	0.21
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		

Sample date:	17-MAR-14	Finding:	11.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	17-MAR-14	Finding:	0.52
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-MAR-14	Finding:	14.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-MAR-14	Finding:	15.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	17-MAR-14	Finding:	1.8
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-MAR-14	Finding:	33.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-MAR-14	Finding:	5.1
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-MAR-14	Finding:	18.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-MAR-14	Finding:	67.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-MAR-14	Finding:	120.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	17-MAR-14	Finding:	100.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-MAR-14	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-MAR-14	Finding:	300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-MAR-14	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	17-MAR-14	Finding:	130.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-FEB-14	Finding:	23.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C

Dlr:	0.		
Sample date:	03-FEB-14	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	06-JAN-14	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	06-JAN-14	Finding:	23.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	04-NOV-13	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	04-NOV-13	Finding:	24.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	04-SEP-13	Finding:	24.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	07-AUG-13	Finding:	24.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	07-AUG-13	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	01-APR-13	Finding:	24.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	06-FEB-13	Finding:	24.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	06-FEB-13	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	07-JAN-13	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	07-JAN-13	Finding:	24.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	28-NOV-12	Finding:	0.57
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	28-NOV-12	Finding:	3900.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	15-OCT-12	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-SEP-12	Finding:	23.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dlr:	0.		
Sample date:	09-JUL-12	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

C9
SSE **CA WELLS 239**
1/4 - 1/2 Mile
Higher

Seq:	239	Prim sta c:	01N/06E-25N02 S
Frds no:	3610025002	County:	36
District:	13	User id:	TAN
System no:	3610025	Water type:	G
Source nam:	WELL 02 JOSHUA TERRACE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	340800.0	Longitude:	1161900.0
Precision:	8	Status:	AR
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:	3610025	System nam:	Joshua Basin Cwd
Hqname:	Not Reported	Address:	P O BOX 675
City:	JOSHUA TREE	State:	CA
Zip:	92252	Zip ext:	Not Reported
Pop serv:	7200	Connection:	3644
Area serve:	JOSHUA TREE		

B10
ENE **FED USGS USGS40000141903**
1/4 - 1/2 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N006E25M003S	Type:	Well
Description:	Not Reported	HUC:	18100100
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19680725	Well Depth:	704
Well Depth Units:	ft	Well Hole Depth:	704
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	5	Level reading date:	2004-03-01
Feet below surface:	452	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2004-02-01	Feet below surface:	452
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2002-03-01	Feet below surface:	448
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-03-30	Feet below surface:	438.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1969-04-09	Feet below surface:	411.85
Feet to sea level:	Not Reported	Note:	Not Reported

B11
ENE **CA WELLS** **CAUSGSN00007124**
1/4 - 1/2 Mile
Lower

Well ID:	USGS-340821116185801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340821116185801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340821116185801&store_num=		
GeoTracker Data:	Not Reported		

B12
ENE **CA WELLS** **CADDW0000017047**
1/4 - 1/2 Mile
Lower

Well ID:	3610025-005	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 10	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3610025-005&store_num=		
GeoTracker Data:	Not Reported		

D13
SSE **FED USGS** **USGS40000141748**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N006E35A001S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	20070521	Well Depth:	532
Well Depth Units:	ft	Well Hole Depth:	532
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B14
ENE **CA WELLS** **CADWR0000018818**
1/4 - 1/2 Mile
Lower

Well ID:	01N06E25M003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01N06E25M003S	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=01N06E25M003S&store_num=		
GeoTracker Data:	Not Reported		

C15
SSE **CA WELLS** **CADWR8000007032**
1/4 - 1/2 Mile
Higher

State Well #:	01N06E35A001S	Station ID:	25811
Well Name:	JTUZ-1	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	532	Basin Name:	Warren Valley
Well Completion Rpt #:	Not Reported		

D16
SSE **CA WELLS** **CAUSGSN00017341**
1/4 - 1/2 Mile
Higher

Well ID:	USGS-340756116190601	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340756116190601	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340756116190601&store_num=		
GeoTracker Data:	Not Reported		

E17
ENE **CA WELLS** **CADWR0000000655**
1/4 - 1/2 Mile
Lower

Well ID:	01N06E25N002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01N06E25N002S	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=01N06E25N002S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E18
ENE
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000015119**

Well ID:	01N06E25N001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01N06E25N001S	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=01N06E25N001S&store_num=		
GeoTracker Data:	Not Reported		

19
ESE
1/4 - 1/2 Mile
Higher

FRDS PWS **CA3600787**

Epa region:	09	State:	CA
Pwsid:	CA3600787	Pwsname:	SAN BERNARDINO CO SERVICE
Cityserved:	Not Reported	Stateserved:	CA
Zipserved:	Not Reported	Fipscounty:	06071
Status:	Closed	Retpopsrvd:	25
Pwssvcconn:	14	Psource longname:	Groundwater
Pwstype:	TNCWS	Owner:	unknown
Contact:	SAN BERNARDINO CO SERVICE	Contactorgname:	Not Reported
Contactphone:	Not Reported	Contactaddress1:	SAN BERNARDINO CO SERVICE
Contactaddress2:	005TH T02NR06E	Contactcity:	LANDERS
Contactstate:	CA	Contactzip:	92284
Pwsactivitycode:	I		

PWS ID:	CA3600787	PWS type:	System Owner/Responsible Party
PWS name:	SAN BERNARDINO CO SERVICE	PWS address:	Not Reported
PWS city:	JOSHUA TREE	PWS state:	CA
PWS zip:	92252	PWS ID:	CA3600787
Activity status:	Active	Date system activated:	7706
Date system deactivated:	Not Reported	Retail population:	00000025
System name:	SAN BERNARDINO CO SERVICE	System address:	SAN BERNARDINO CO SERVICE
System address:	005TH T02NR06E	System city:	LANDERS
System state:	CA	System zip:	92284
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	340804	Longitude:	1161843

20
WNW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000003859**

Well ID:	01N06E26P001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01N06E26P001S	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=01N06E26P001S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F21
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000005107**

Well ID:	01N06E35C001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01N06E35C001S	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=01N06E35C001S&store_num=		
GeoTracker Data:	Not Reported		

F22
WSW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000015049**

Well ID:	01N06E35C002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01N06E35C002S	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=01N06E35C002S&store_num=		
GeoTracker Data:	Not Reported		

23
WSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000141776**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N006E35C001S	Type:	Well
Description:	Not Reported	HUC:	18100100
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19510720	Well Depth:	630
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

24
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000014799**

Well ID:	01N06E25M001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01N06E25M001S	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=01N06E25M001S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G25
ENE
1/2 - 1 Mile
Lower

FED USGS **USGS40000141913**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N006E25K002S	Type:	Well
Description:	Not Reported	HUC:	18100100
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	740
Well Depth Units:	ft	Well Hole Depth:	740
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1994-03-30
Feet below surface:	422.00	Feet to sea level:	Not Reported
Note:	Not Reported		

G26
ENE
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000007123**

State Well #:	01N06E25K002S	Station ID:	50249
Well Name:	WELL 11	Well Use:	Residential
Well Type:	Single Well	Well Depth:	740
Basin Name:	Joshua Tree	Well Completion Rpt #:	105751

G27
ENE
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00001652**

Well ID:	USGS-340822116182601	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340822116182601	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340822116182601&store_num=		
GeoTracker Data:	Not Reported		

H28
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000141984**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N006E26N001S	Type:	Well
Description:	Not Reported	HUC:	18100100
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported

Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19490208	Well Depth:	610
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:	1969-04
Feet below surface:	543	Feet to sea level:	Not Reported
Note:	Not Reported		

G29
ENE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000034442**

Well ID:	01N06E25K002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01N06E25K002S	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=01N06E25K002S&store_num=		
GeoTracker Data:	Not Reported		

G30
ENE
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000007129**

State Well #:	01N06E25K001S	Station ID:	26510
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Joshua Tree	Well Completion Rpt #:	Not Reported

H31
West
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007068**

State Well #:	01N06E26N001S	Station ID:	2069
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Warren Valley	Well Completion Rpt #:	Not Reported

---

32
West
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000004435**

Well ID:	01N06E26N002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01N06E26N002S	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=01N06E26N002S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G33
ENE
1/2 - 1 Mile
Lower

FED USGS **USGS40000142018**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N006E25K001S	Type:	Well
Description:	Not Reported	HUC:	18100100
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19571204	Well Depth:	562
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	3	Level reading date:	1971-03-09
Feet below surface:	392.80	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1969-10-28	Feet below surface:	392.3
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1969-04-08	Feet below surface:	392.85
Feet to sea level:	Not Reported	Note:	Not Reported

34
WNW
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000032906**

Well ID:	01N06E26N001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01N06E26N001S	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=01N06E26N001S&store_num=		
GeoTracker Data:	Not Reported		

35
East
1/2 - 1 Mile
Lower

FED USGS **USGS40000141983**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N006E25Q001S	Type:	Well
Description:	Not Reported	HUC:	18100100
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	194701	Well Depth:	465
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

36
East
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000020592**

Well ID:	01N06E25Q002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01N06E25Q002S	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=01N06E25Q002S&store_num=		
GeoTracker Data:	Not Reported		

I37
NE
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007202**

State Well #:	01N06E25C001S	Station ID:	26509
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Joshua Tree	Well Completion Rpt #:	Not Reported

38
NE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000007955**

Well ID:	01N06E25X001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	01N06E25X001S	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=01N06E25X001S&store_num=		
GeoTracker Data:	Not Reported		

I39
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000142140**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N006E25C001S	Type:	Well
Description:	Not Reported	HUC:	18100100
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1957	Well Depth:	300
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:	1969-06-17
Feet below surface:	Not Reported	Feet to sea level:	Not Reported

Note: The site was dry (no water level recorded).

J40
East
1/2 - 1 Mile
Lower

FED USGS **USGS40000141850**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N006E25R001S TEMPERAT		
Type:	Well: Test hole not completed as a well		
Description:	RECHARGE STUDY	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	20001002	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

J41
East
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00007814**

Well ID:	USGS-340811116180801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-340811116180801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-340811116180801&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92252	6	0

Federal EPA Radon Zone for SAN BERNARDINO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN BERNARDINO COUNTY, CA

Number of sites tested: 18

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.678 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^{R} 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 Californias 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 Heath 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 IRAA 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

Regulatory Agency Records

SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT

620 South "E" Street ● San Bernardino, CA 92415-0153 ● (909) 386-8401 ● Fax (909) 386-8460

Office of the Fire Marshal
Hazardous Materials Division
sbcfire.org

Daniel R. Munsey
Fire Chief/Fire Warden

Michael A. Horton
Fire Marshal/Deputy Fire Warden

May 11, 2021

21050503 Joshua Tree NRL NV5

NV5
3777 LONG BEACH BLVD., ANNEX BLDG.
LONG BEACH, CA 90807

ATTENTION: **ERIC FRASKE**

SUBJECT: **CERTIFIED RECORD SEARCH FINDINGS**
APN #: 0602-371-06-0000
JOSHUA TREE, CALIFORNIA

This is to confirm that the OFM Hazardous Materials Division (HMD) has searched its records for any file(s) pertaining to the subject property, as described in your request, and finds that no records exist for the above site description(s).

Records maintained by OFM-HMD date back to mid-1980's. Records searched include:

- facilities with hazardous waste generator permits, hazardous materials handler permits, underground storage tank permits, universal waste permits, tiered permits, EPCRA facilities, RMP facilities, Cal ARP facilities, and/or waste recycling generators, including inactive and/or out of business records, as well as non-permitted facility actions;
- logs of permits issued for the removal, installation, and/or modification of underground storage tanks;
- records and databases pertaining to illicit dumping, spill reports and release notifications, and complaints;
- incidents responded to by the hazardous materials emergency response team;
- and sites undergoing remediation for contaminated soil and/or groundwater.

Donna Juday

DONNA JUDAY
Office Specialist
Office of the Fire Marshal
Hazardous Materials Division

BOARD OF DIRECTORS

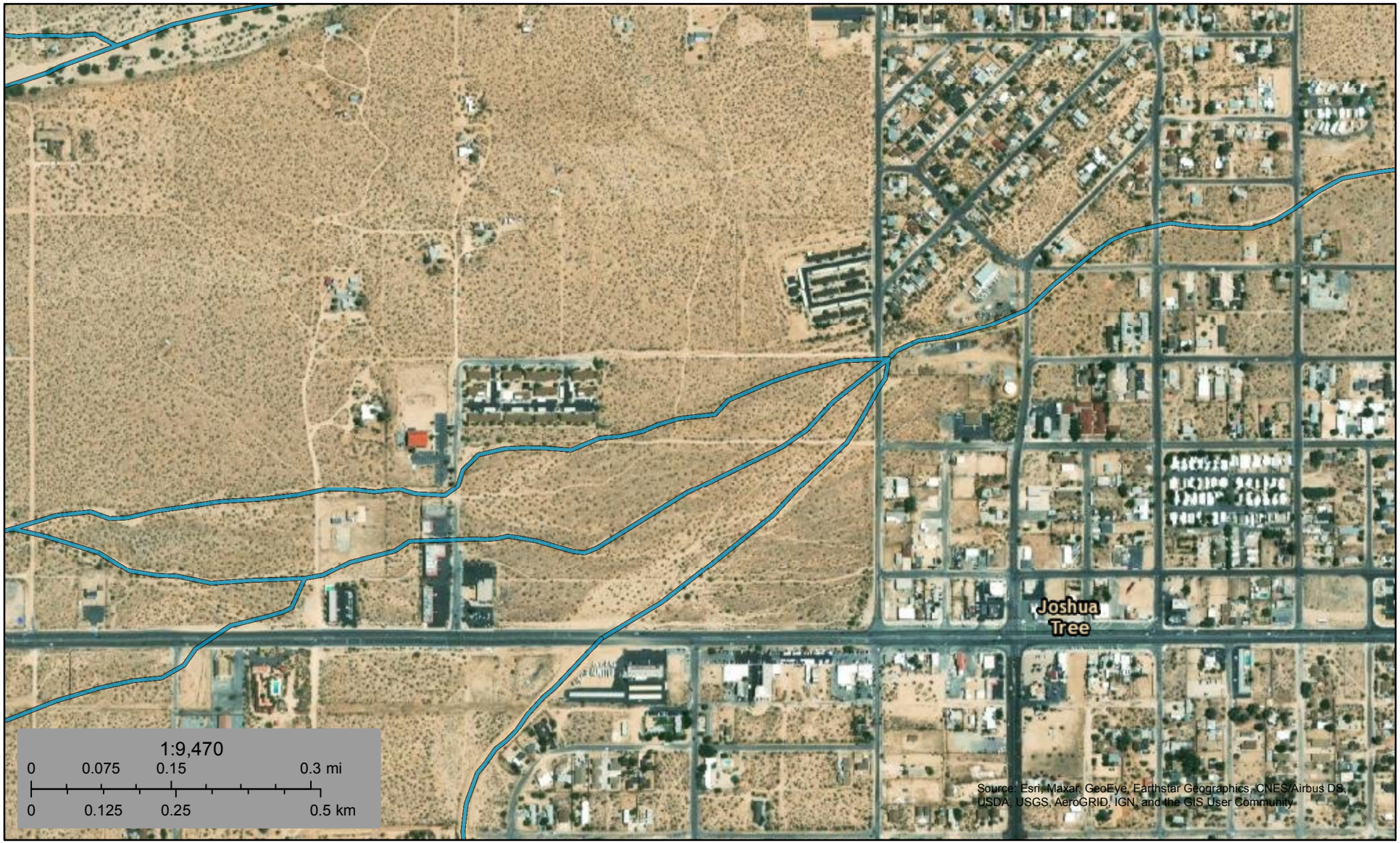
Col. Paul Cook (Ret.) — First District
Janice Rutherford — Second District
Dawn Rowe — Vice Chair, Third District
Curt Hagman — Chairman, Fourth District
Joe Baca Jr. — Fifth District

Leonard X. Hernandez
Chief Executive Officer

U.S. Fish and Wildlife Service

National Wetlands Inventory

Wetland Map



May 19, 2021

Wetlands

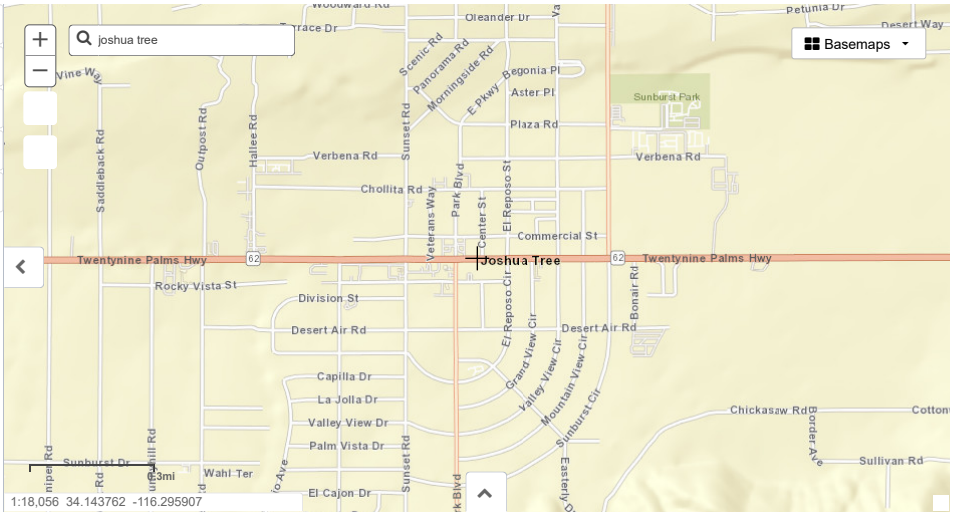
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Well Finder
CalGEM GIS

More Info | Help | ©

- Well Status and Well Type Filter
- Search
- Zoom to Field
- Measurement
- Layers



Appendix D

EDR Lien and AUL Report

Vacant Land
Twenty Nine Palms Hwy
Joshua Tree, CA 92252

Inquiry Number: 6480216.7
May 06, 2021

EDR Environmental Lien and AUL Search

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

Twenty Nine Palms Hwy
Vacant Land
Joshua Tree, CA 92252

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

RESEARCH SOURCE

Source 1:

San Bernardino Recorder
San Bernardino, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed:	deed
Title is vested in:	One Tree Hill LP
Title received from:	Demetrius & Tamara Stasiuk Trustees
Deed Dated	3/10/2021
Deed Recorded:	4/5/2021
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	One Tree Hill LP
Parcel # / Property Identifier:	0602-371-06-0000
Comments:	See Exhibit

Deed Exhibit 1

RECORDING REQUESTED BY / SYNRGO
LAWYERS TITLE COMPANY

RECORDING REQUESTED BY
Lawyers Title
WHEN RECORDED MAIL THIS DOCUMENT AND TAX STATEMENTS TO:
Fredrick Kleinbub
6211 Camino de la Costa
La Jolla, CA 92037

APN: **0602-371-06**
Escrow No: **OXL29483-LT155-SF**
Title No: **419240754**

Electronically
Recorded in Official Records
County of San Bernardino
Bob Dutton
Assessor-Recorder-County Clerk

DOC# 2021-0154150

04/05/2021
03:53 PM
SAN
I4178

Titles: 1 Pages: 3

Fees	$30.00
Taxes	$1320.00
CA SB2 Fee	$0.00
Total	$1350.00

Space above this line for Recorder's use

GRANT DEED

THE UNDERSIGNED GRANTOR(S) DECLARE(S) $1320.00
DOCUMENTARY TRANSFER TAX IS ~~**$1,540.00**~~, CITY TRANSFER TAX **$0.00**
☒ **computed on full value of property conveyed**
☒ **City of Joshua Tree**, AND

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,
Demetrius Stasiuk and Tamara Stasiuk as Trustees of The Stasiuk Family Trust, dated October 2, 1998
hereby GRANT(S) to One Tree Hill LP, a California Limited Partnership

the following described real property in the City of Joshua Tree, County of San Bernardino, State of CALIFORNIA:
For legal description of the real property herein, see Exhibit A attached hereto and made a part hereof.
Commonly known as: 61500 29 Palms Highway, Joshua Tree, CA

Dated: March 10, 2021

The Stasiuk Family Trust, dated October 2, 1998

By: Demetrius Stasiuk, Trustee

By: Tamara Stasiuk, Trustee

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF Florida.)
) SS.
COUNTY OF Sarasota.)

On 3/12/2021 before me, Jaquelyn Singh, Notary Public, personally

appeared Demetrius Stasiuk and Tamara Stasiuk.,
who proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Jaquelyn Singh

Jaquelyn Singh
State of Florida
My Commission Expires 08/23/2023
Commission No. GG 366261

MAIL TAX STATEMENTS AS DIRECTED ABOV

Exhibit A

All that certain real property situated in the County of San Bernardino, State of California, described as follows:

The Southeast 1/4 of the Southeast 1/4 of Section 26, Township 1 North, Range 6 East, San Bernardino Base and Meridian, in the County of San Bernardino, State of California, according to the Official Plat thereof.

AN: 0602-371-06

Appendix E

Historical Research Documentation

Vacant Land

Twenty Nine Palms Hwy

Joshua Tree, CA 92252

Inquiry Number: 6480216.11

May 05, 2021

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

05/05/21

Site Name:

Vacant Land
Twenty Nine Palms Hwy
Joshua Tree, CA 92252
EDR Inquiry # 6480216.11

Client Name:

NV5
3777 Long Beach Blvd
Long Beach, CA 90807-0000
Contact: Eric Fraske

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: January 01, 1994	USGS/DOQQ
1989	1"=500'	Acquisition Date: January 01, 1989	USGS/DOQQ
1983	1"=500'	Flight Date: August 24, 1983	USDA
1975	1"=500'	Flight Date: October 16, 1975	USGS
1970	1"=500'	Flight Date: April 26, 1970	USGS
1952	1"=500'	Flight Date: November 18, 1952	USDA
1948	1"=500'	Flight Date: June 29, 1948	USGS

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INQUIRY #: 6480216.11

YEAR: 2016

= 500'

N

EDR


INQUIRY #: 6480216.11
YEAR: 2012
= 500'
N
EDR



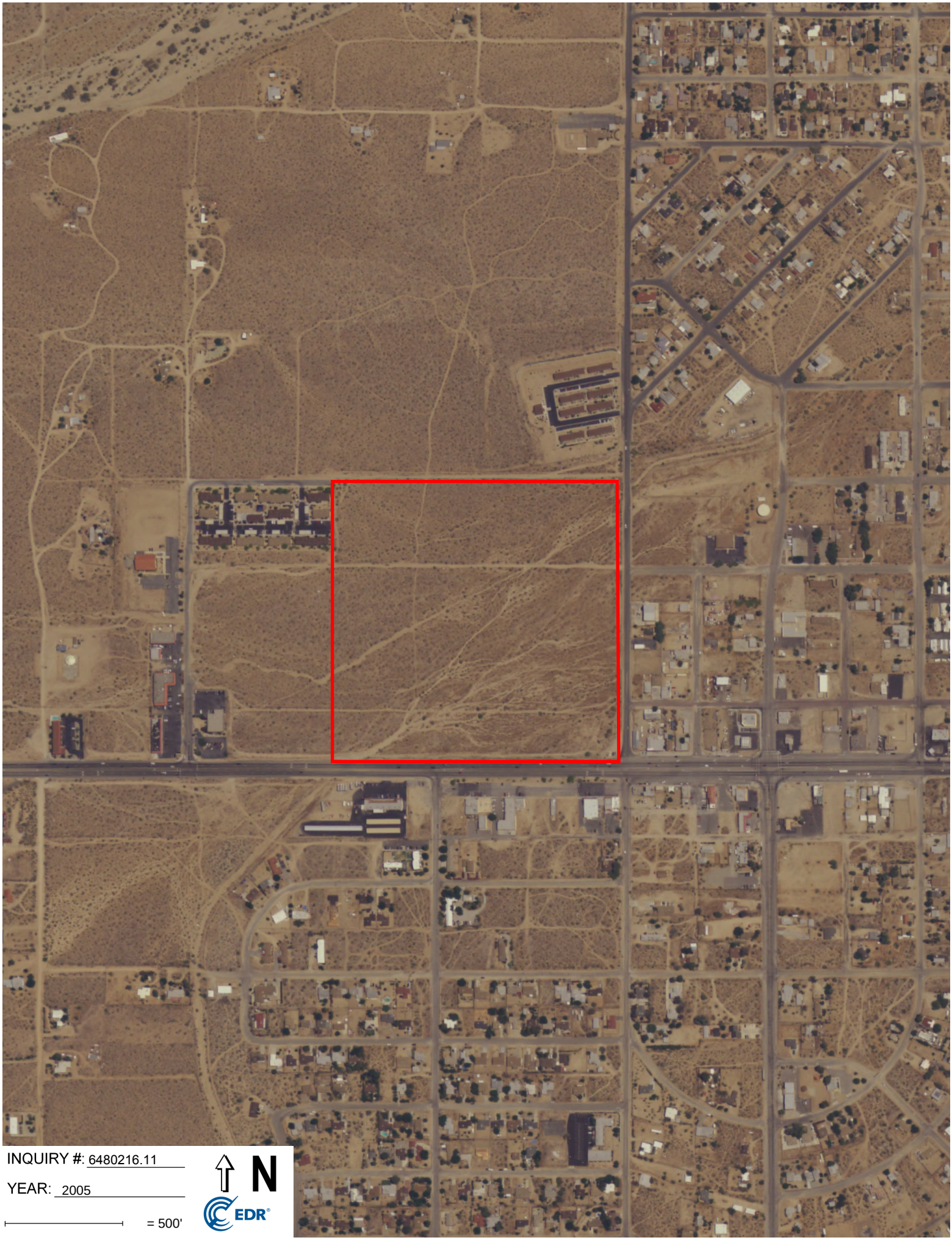
INQUIRY #: 6480216.11

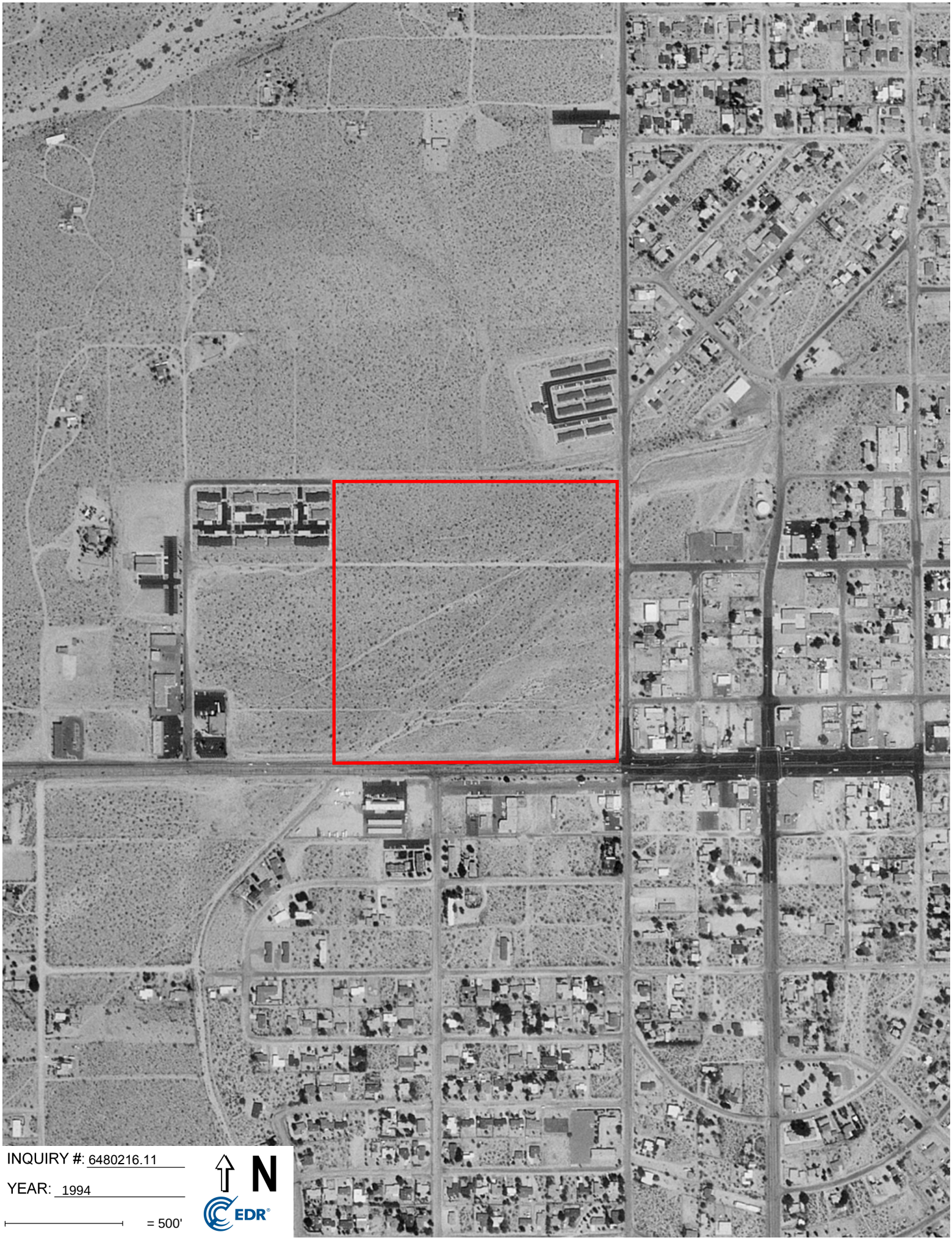
YEAR: 2009

= 500'

N

EDR


INQUIRY #: 6480216.11
YEAR: 2005
= 500'
N
EDR



INQUIRY #: 6480216.11

YEAR: 1994

= 500'

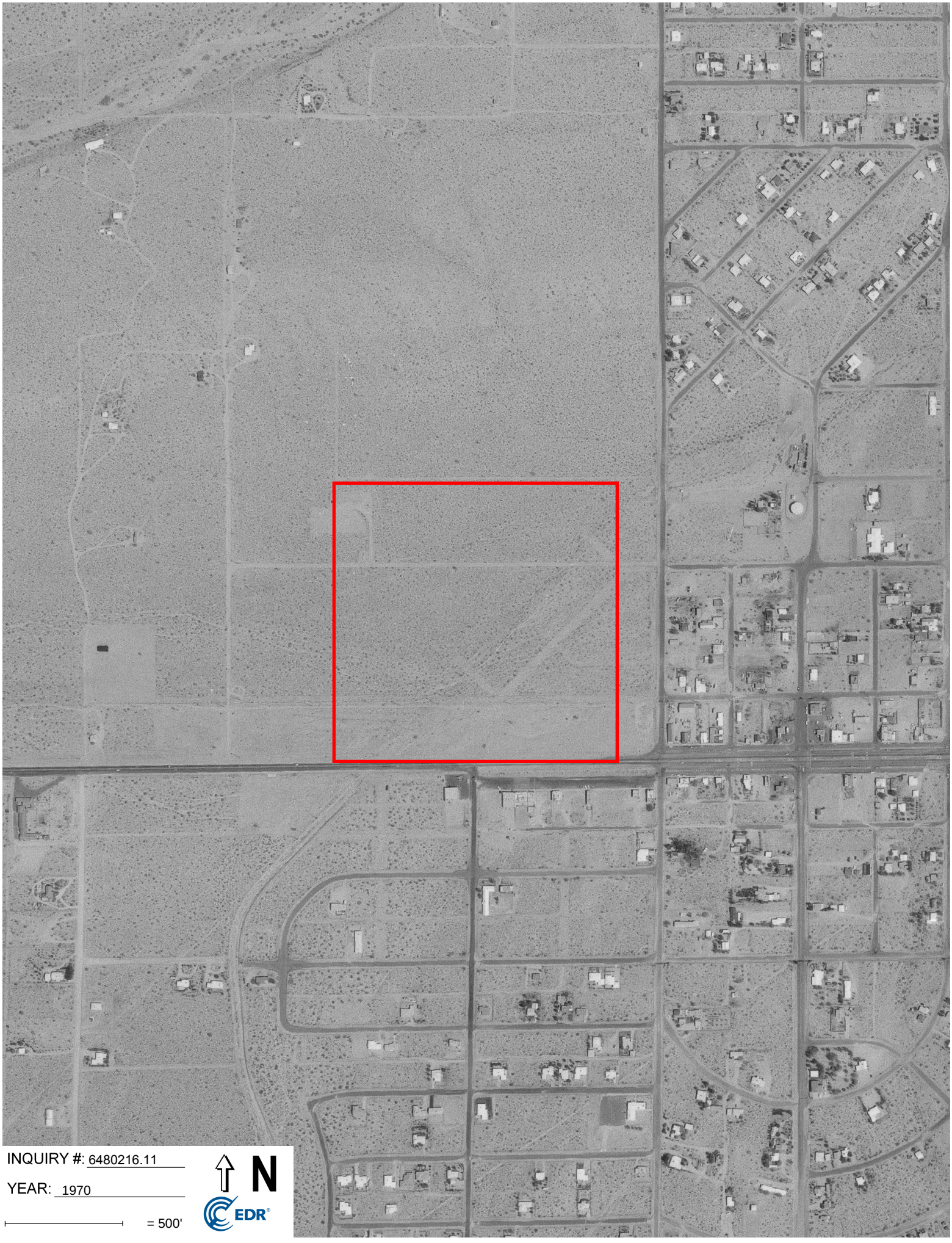
N

EDR


INQUIRY #: 6480216.11
YEAR: 1989
= 500'
N
EDR


INQUIRY #: 6480216.11
YEAR: 1983
= 500'
N
EDR


INQUIRY #: 6480216.11
YEAR: 1975
= 500'
N
EDR



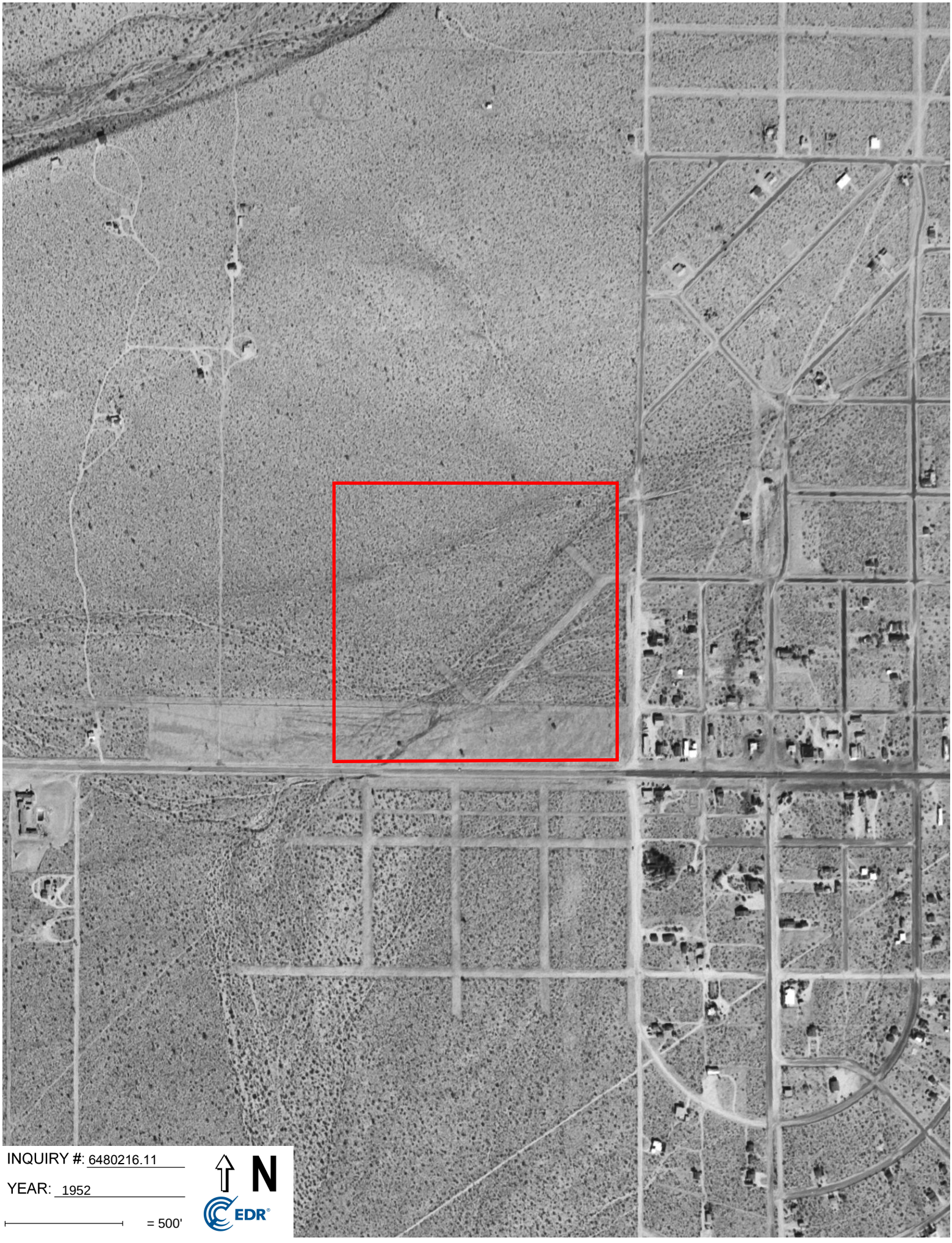
INQUIRY #: 6480216.11

YEAR: 1970

= 500'

N

EDR



INQUIRY #: 6480216.11

YEAR: 1952

= 500'

N

EDR



INQUIRY #: 6480216.11

YEAR: 1948

= 500'

N

EDR

Vacant Land

Twenty Nine Palms Hwy

Joshua Tree, CA 92252

Inquiry Number: 6480216.4

May 05, 2021

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

05/05/21

Site Name:

Vacant Land
Twenty Nine Palms Hwy
Joshua Tree, CA 92252
EDR Inquiry # 6480216.4

Client Name:

NV5
3777 Long Beach Blvd
Long Beach, CA 90807-0000
Contact: Eric Fraske

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by NV5 were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# 226719-0000087.00
Project: 226719-0000087.00

Coordinates:

Latitude:	34.136825 34° 8' 13" North
Longitude:	-116.319543 -116° 19' 10" West
UTM Zone:	Zone 11 North
UTM X Meters:	562738.35
UTM Y Meters:	3777536.10
Elevation:	2736.06' above sea level

Maps Provided:

2012
1994
1978
1972
1955

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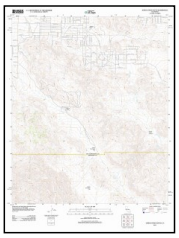
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets

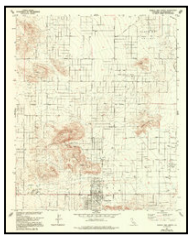


Joshua Tree North
2012
7.5-minute, 24000



Joshua Tree South
2012
7.5-minute, 24000

1994 Source Sheets

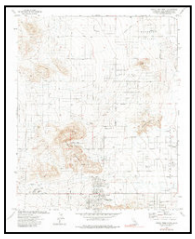


Joshua Tree North
1994
7.5-minute, 24000
Aerial Photo Revised 1970



Joshua Tree South
1994
7.5-minute, 24000
Aerial Photo Revised 1970

1978 Source Sheets



Joshua Tree North
1978
7.5-minute, 24000
Aerial Photo Revised 1970

1972 Source Sheets



Joshua Tree North
1972
7.5-minute, 24000
Aerial Photo Revised 1970



Joshua Tree South
1972
7.5-minute, 24000
Aerial Photo Revised 1970

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

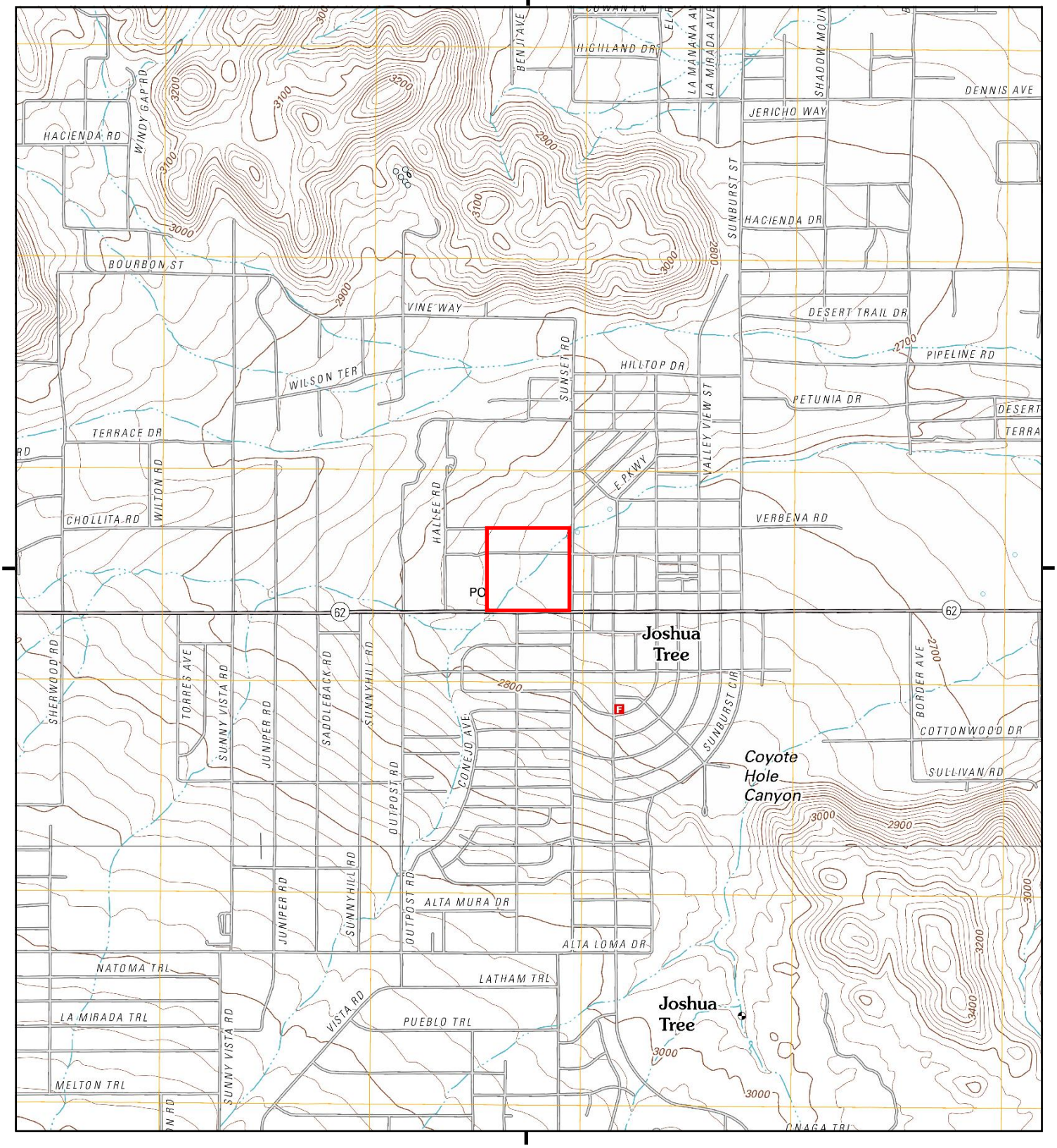
1955 Source Sheets



Joshua Tree
1955
15-minute, 62500
Aerial Photo Revised 1952

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

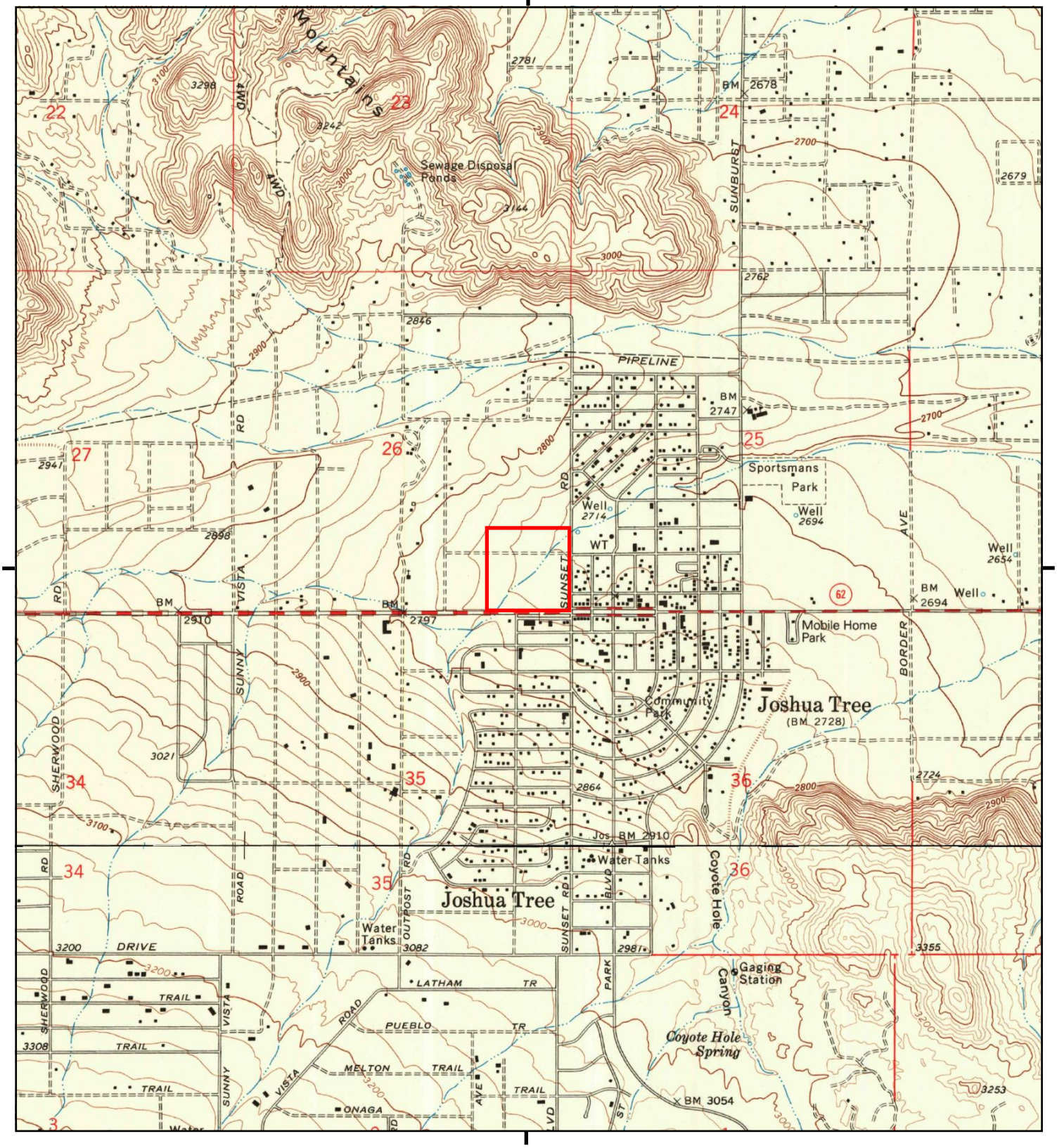
TP, Joshua Tree North, 2012, 7.5-minute
S, Joshua Tree South, 2012, 7.5-minute

SITE NAME: Vacant Land
ADDRESS: Twenty Nine Palms Hwy
Joshua Tree, CA 92252
CLIENT: NV5

N

Historical Topo Map

1994



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

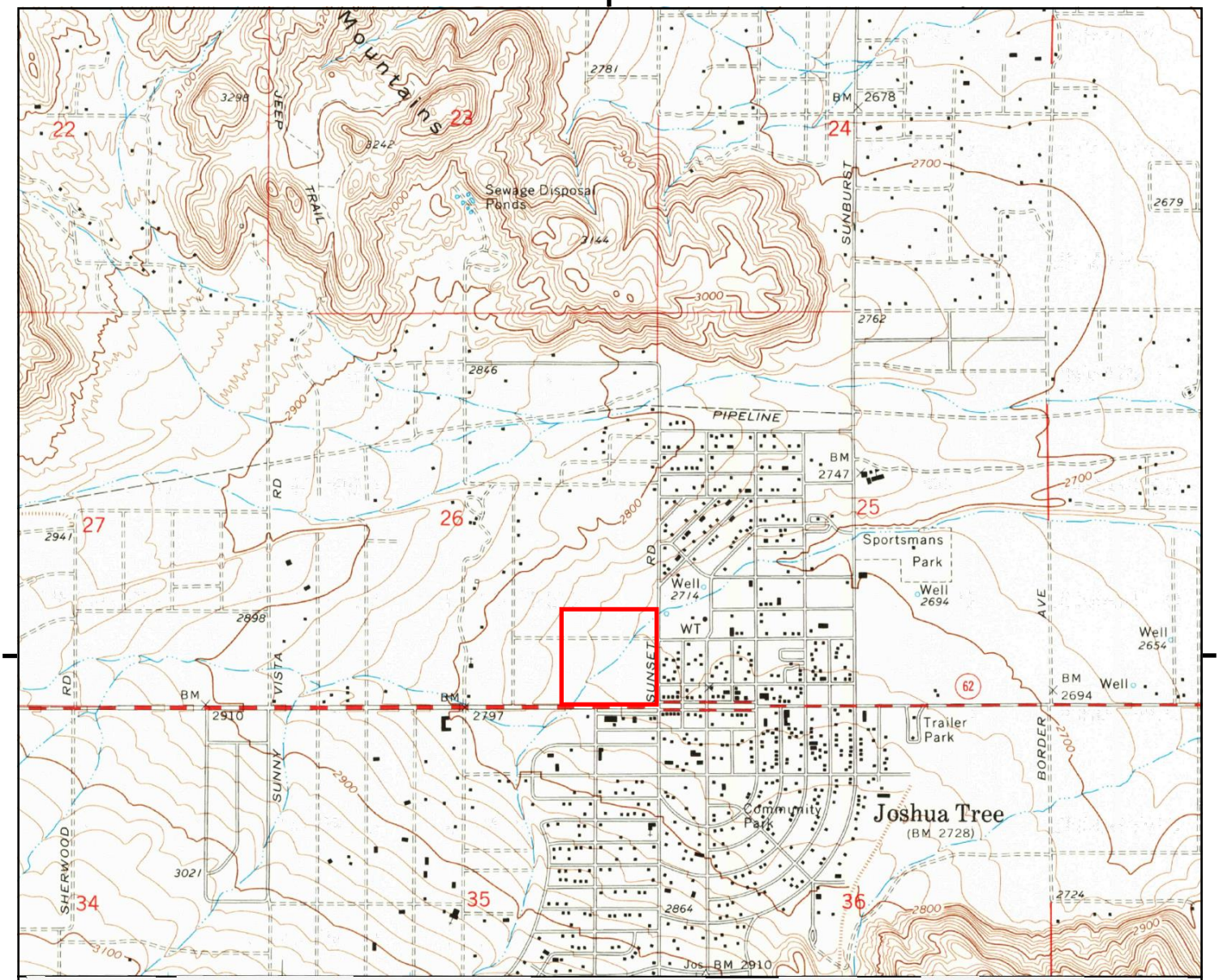
TP, Joshua Tree North, 1994, 7.5-minute
S, Joshua Tree South, 1994, 7.5-minute

SITE NAME: Vacant Land
ADDRESS: Twenty Nine Palms Hwy
Joshua Tree, CA 92252
CLIENT: NV5

N

Historical Topo Map

1978



UNMAPPED

This report includes information from the following map sheet(s).

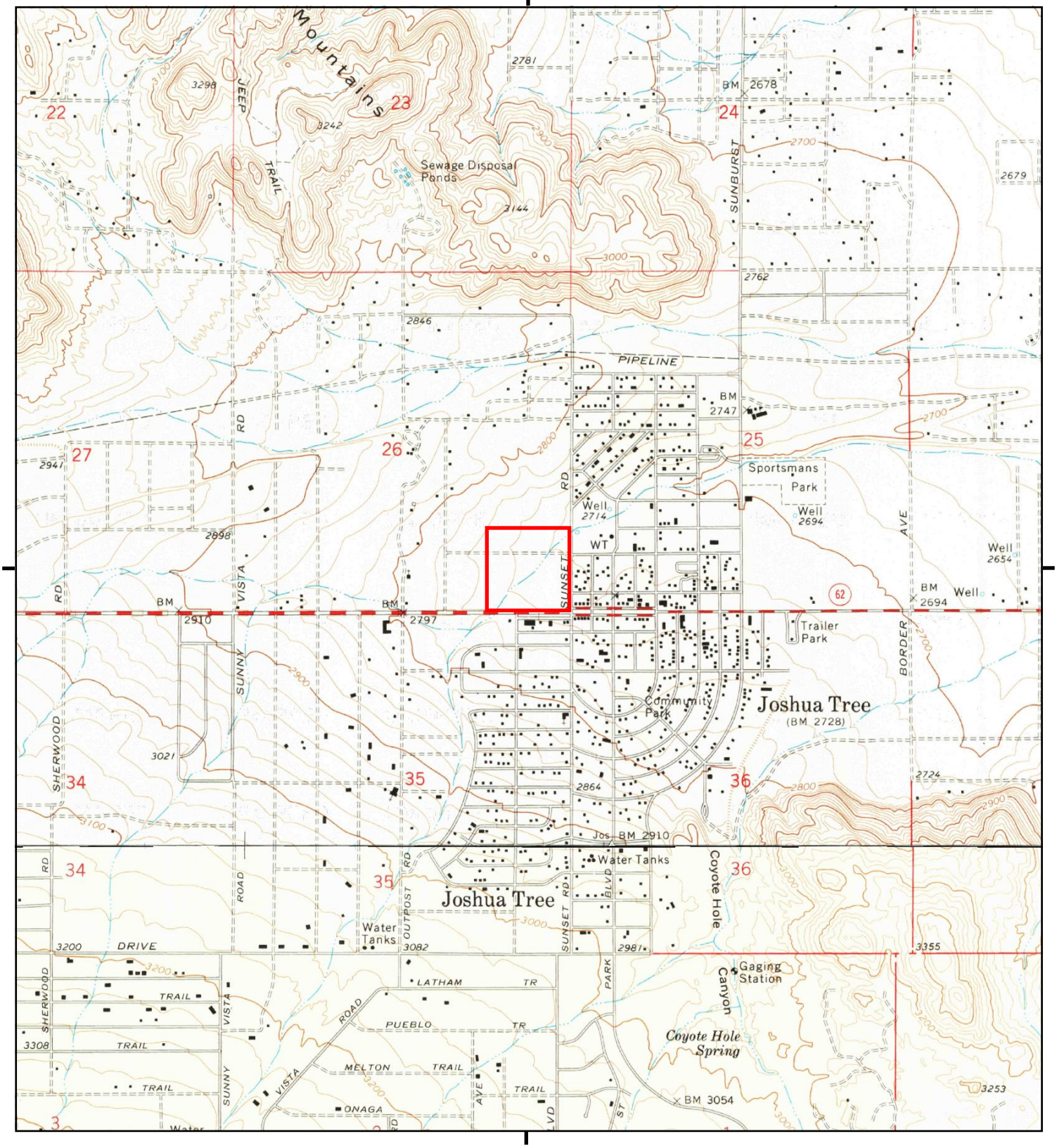
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Joshua Tree North, 1978, 7.5-minute

SITE NAME: Vacant Land
ADDRESS: Twenty Nine Palms Hwy
Joshua Tree, CA 92252
CLIENT: NV5

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

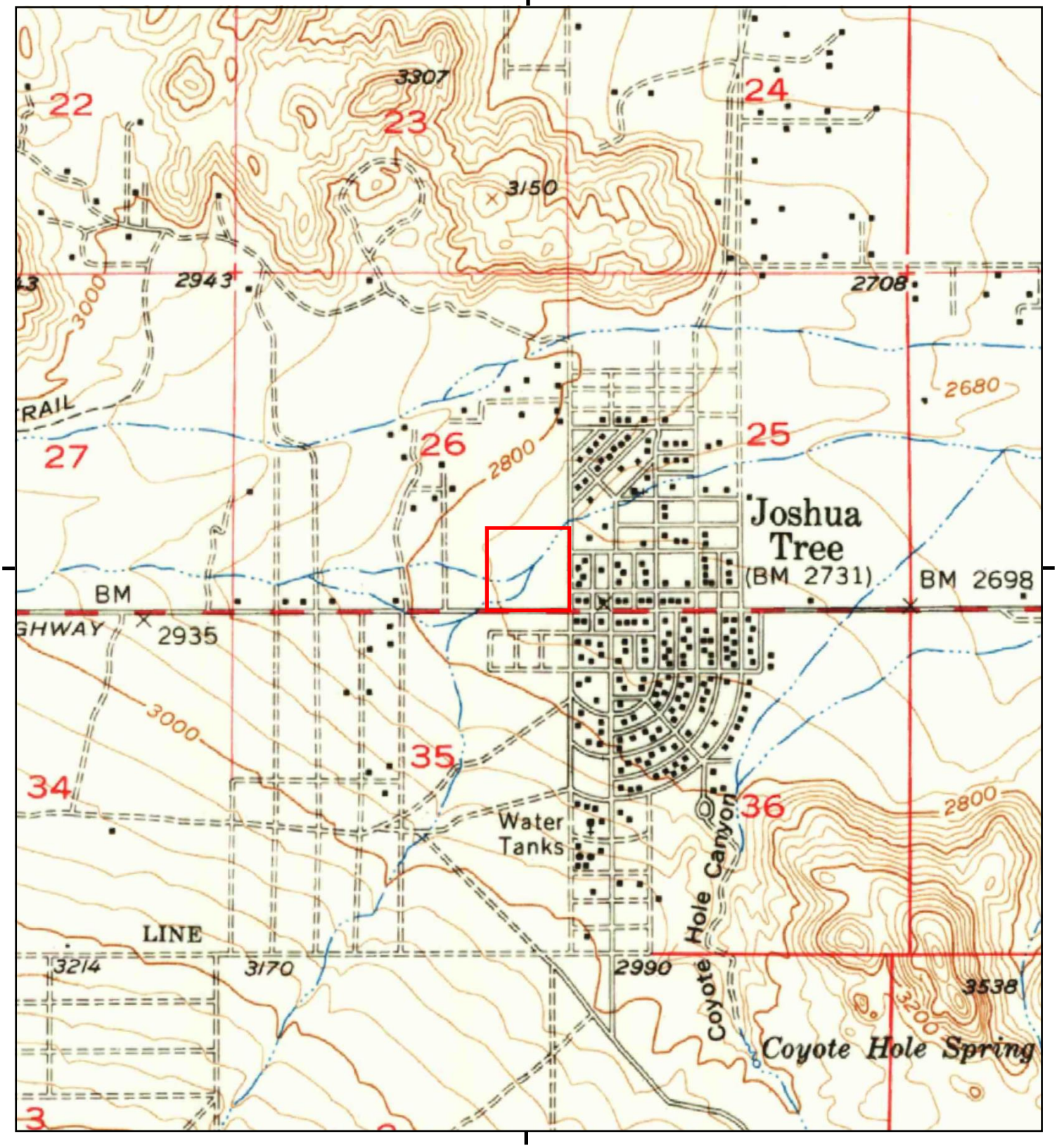
TP, Joshua Tree North, 1972, 7.5-minute
S, Joshua Tree South, 1972, 7.5-minute

SITE NAME: Vacant Land
ADDRESS: Twenty Nine Palms Hwy
Joshua Tree, CA 92252
CLIENT: NV5

N

Historical Topo Map

1955



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Joshua Tree, 1955, 15-minute

SITE NAME: Vacant Land
ADDRESS: Twenty Nine Palms Hwy
Joshua Tree, CA 92252
CLIENT: NV5

N

Vacant Land

Twenty Nine Palms Hwy

Joshua Tree, CA 92252

Inquiry Number: 6480216.3

May 05, 2021

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

05/05/21

Site Name:

Vacant Land
Twenty Nine Palms Hwy
Joshua Tree, CA 92252
EDR Inquiry # 6480216.3

Client Name:

NV5
3777 Long Beach Blvd
Long Beach, CA 90807-0000
Contact: Eric Fraske

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 9569-4371-B033

PO # 226719-0000087.00

Project 226719-0000087.00

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 9569-4371-B033

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Vacant Land
Twenty Nine Palms Hwy
Joshua Tree, CA 92252

Inquiry Number: 6480216.5
May 07, 2021

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
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with any questions or comments.

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EXECUTIVE SUMMARY

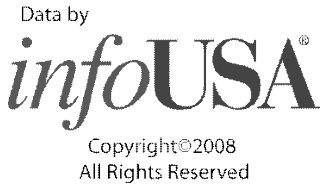
DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	☑	☑	EDR Digital Archive
2014	☑	☑	EDR Digital Archive
2010	☑	☑	EDR Digital Archive
2005	☑	☑	EDR Digital Archive
2000	☑	☑	EDR Digital Archive
1995	☑	☑	EDR Digital Archive
1992	☑	☑	EDR Digital Archive
1985	☑	☑	Haines Criss-Cross Directory
1980	☑	☑	Haines Criss-Cross Directory
1976	☑	☑	Haines Criss-Cross Directory
1971	☐	☐	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

Twenty Nine Palms Hwy
Joshua Tree, CA 92252

Year	*CD Image*	*Source*	
29 PALMS HWY			
2017	pg A1	EDR Digital Archive	
2014	pg A7	EDR Digital Archive	
2010	pg A13	EDR Digital Archive	
2005	pg A20	EDR Digital Archive	
2000	pg A27	EDR Digital Archive	
1995	pg A32	EDR Digital Archive	
1985	pg A40	Haines Criss-Cross Directory	
1980	pg A43	Haines Criss-Cross Directory	
1976	pg A46	Haines Criss-Cross Directory	
1971	-	Haines Criss-Cross Directory	Street not listed in Source
TWNTY NINE PALMS			
1992	pg A38	EDR Digital Archive	

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*	
SUNSET RD			
2017	pg. A2	EDR Digital Archive	
2014	pg. A8	EDR Digital Archive	
2010	pg. A14	EDR Digital Archive	
2005	pg. A21	EDR Digital Archive	
2000	pg. A28	EDR Digital Archive	
1995	pg. A33	EDR Digital Archive	
1992	pg. A37	EDR Digital Archive	
1985	pg. A41	Haines Criss-Cross Directory	
1980	pg. A44	Haines Criss-Cross Directory	
1976	pg. A47	Haines Criss-Cross Directory	
1971	-	Haines Criss-Cross Directory	Street not listed in Source
VERBENA RD			
2017	pg. A4	EDR Digital Archive	
2014	pg. A10	EDR Digital Archive	
2010	pg. A17	EDR Digital Archive	
2005	pg. A24	EDR Digital Archive	
2000	pg. A30	EDR Digital Archive	
1995	pg. A35	EDR Digital Archive	
1992	pg. A39	EDR Digital Archive	
1985	pg. A42	Haines Criss-Cross Directory	
1980	pg. A45	Haines Criss-Cross Directory	
1976	pg. A48	Haines Criss-Cross Directory	
1971	-	Haines Criss-Cross Directory	Street not listed in Source

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

29 PALMS HWY 2017

61231	HI DESERT PLAYHOUSE GUILD INC
61259	JOSHUA TREE INN & MOTEL
61310	HIGH DESERT MOTEL JOSHUA TREE NATION
61325	JIN NAM BAEK DDS INC
	JOSHUA TREE REALTY
	JT MINI STORAGE
61380	SAMS MKT II
	SAMS PIZZA & SUBS
	SMOKE N MORE
61416	STEPHENSON, SCOTT T
61599	ROYAL SIAM CUISINE THAI RESTAURANT
61605	MORONGO BASIN MENTAL
61607	AARONS ABLE 2 HELP BAIL BONDS
	ADULT PROTECTIVE SERVICES
	AKAMAI HOLDING INC
	COUNTY OF SAN BERNARDINO
	JOSHUA TREE CTR FOR CHANGE
	SENIOR EMPLOYMENT PROGRAM
61675	MORENGO BASIN AMBULANCE
61693	JOSHUA TREE HEALTH FOODS
61695	GRATEFUL DESERT
	NATURAL SISTERS CAFE
61705	RICOCHET
61711	ALL AMERICAN REAL ESTATE
	ALL AMERICAN REAL ESTATE & CONSULTIN
61715	CROSSROADS CAFE & TAVERN
61731	RICOCHET
61732	TAYLOR JUNCTION
61739	MIKES LIQUOR
61740	PIE FOR THE PEOPLE
	ZAGIS PIZZA
61761	SANTANAS MEXICAN FOOD
61762	JOSHUA TREE MODERN
	JT VILLAGE REALTY

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SUNSET RD 2017

2696	GRANT, JACQUELINE J
3255	KLINE, JEFFREY H
3292	FERRARI, LINDA G
3405	WIGAND, DONALD
5898	STEWART, RONALD
5913	OBERG, JENNIFER L
5918	GUZZETTA, MELISSA M
5923	JACOBSON, JENNIFER
5952	KATHREIN, STEPHEN J
5957	MOORE, DEANNA
6036	BERTRAND, TIM R
	BOURESSA, MARY
	BURKHART, SHERION L
	CRAIG, CELESTE R
	FLORES, JOSIE C
	GARCIA, MARY A
	HILL, EDWIN H
	HOMAYOUNIAN, HESSAM
	LAUTERBACH, DEB
	LEWTON, KATHLEEN A
	MCCUBBIN, JAMES
	POMRINCA, DAWN A
	REICHERT, BRIAN
	SCOTT, TOM H
	SPEER, DEBRA D
	SUNSET VILLAGE APARTMENTS
	TEMPLETON, SID R
	THOMPSON, F
	VIEIRA, CRAIG W
	WILSON, KATHRYN
	YOSHIDA, KATSUKO Y
6075	FITZSIMMONS, JAMES P
6109	KIMMEL, ELIZABETH
6137	RANDALL, LORETTA
6187	WATTS, GLORY R
6201	LAUE, MATTHEW R
6393	LEGAL DOCUMENTS SERVICES
	MOORE, DEBORAH
6409	WHEELER, MARK
6559	COE, TROY
6587	AGAJANIAN, SHANT
	BUTLER, MISTER
	COLQUHOUN, LISA
	REDFERN, BIFFEL M
	REYNOLDS, ANDREW B
6593	MACIAS, FERNANDO
6595	VALDIVIA, TEOFILO
6655	ESCANDON, ANTHONY
	MONICA, KRYSTKA
6675	CHRISTIAN, BEVERLY A

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SUNSET RD 2017 (Cont'd)

6740	FIRST BAPTIST CHURCH
6773	FINDLEY, MARY J
6800	MCKAIG, BARBARA L
6828	CUSHLER, RAYMOND C
6870	CAYGILL, DAVID L
6897	JONES, LEONARD G
6898	TYERMAN, DOUGLAS A
6967	MEYERS, ROBERT
6987	PASQUINI, WILLIAM J
7000	OLIVEROS, A
7010	SEANEY, TERRI
7015	MONTOYA, KATHLEEN
7056	NGUYEN, BEVERLY
7078	DURR, JOHN
7092	NEAL, VIVIAN L
7102	ROBY, MATTHEW A
7138	WILSON, BILLY A
7364	FRANKLIN, EZEKIEL J
7369	BUCARO, SUSAN
7381	DECKER, VIRGINIA E
7393	ASHKENASY, JESSICA
7415	FENSTERMAKER, NICOLE M
7482	CURRENT, LEE A
7514	SLOANE, HILARY F
7545	SOMERS, DAVID L
7564	JENKINS, WILLIAM A
7644	ORGEL, ROSEMARY A
7695	HARTLEY, ROSE M
7716	SONNENFIELD, ALEXIS A
7788	GIVSON, BERINTHIA
7795	HEALEY, CHARLES E
7875	SULLIVAN, BRYAN E
7895	DIECHOFF, JEFFREY J
7928	ROWE, NICHOLAS C
7965	RAWSON, BETTY M
7995	CARRERA, MONICA C
8005	STEVENS PLUMBING
	TALIAN, STEVEN D
8015	MORSE, MELISA
8030	YOUNG, CHRISTOPHER J
8237	GREEN, FREDERICK G
8525	BARRY, JAMES D
8575	MCCOURT, MICHAEL M

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VERBENA RD 2017

61451	ANDRADE, WENDY
	ARREDONDO, SAMANTHA E
	BARBARY, JODY D
	BIGELOW, MARY A
	BOLTON, WILLIAM J
	CARTER, MARCIE
	DARLING, KITTEN
	DINGLER, KENNETH B
	FERGUSON, AMBER S
	FLOYD-ENGSSER, KAZIMIER W
	FRIEL, JUSTIN L
	GARCILAZO, JORGE L
	GOINS, IRIS A
	GONZALEZ, AMBER
	GONZALEZ, TASHA
	HAMS, BRIANNA D
	HARL, TINOTHY L
	HARRIS, JODY
	HAYES, NOEL
	HELM, CHRISTINE D
	KELLY, HAMS A
	KOHER, BONNY D
	LICON, RUBEN
	SHERRILL, BRITTANY A
	TOWRY, CRYSTAL L
	WHIGAM, AMBER R
	WILSON, DENNIS
	WOOD, PERRY
	WREN, WENDY
	WRIGHT, NICOLE A
	YUCCA TRAILS APARTMENTS
61861	BRANSFORD, GREG A
61873	GREEN, GARY W
61882	WILDER, CHARLES
61885	CHAIREZ, JACQUELINE
	SAMANIEGO, PHILLIP
	STEELE, JOHN
61888	JARAMILLO, MARION
	KIMMEL, SHARON
	STARR, WILLIAM C
61896	CLIFFORD, MARISA
	HANSEL, TONYA
	KNIGHT, JOHNNY
61933	SMITH, AMANDA
	SORRELL, JENIFER
	VILLALOBOS, VALERIE
61941	ELLISON, JESSICA
61944	WEBB, ERIC K
61959	BAILEY, RICHARD
62005	HARDEN, MARK

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VERBENA RD 2017 (Cont'd)

62021 SONE, KATRINA
62023 DIAMOND, LARRY C
62049 RIVERA, TIMOTHY
VARGA, DENISE M
62071 GRAY, ZANE
JONES, SUMMER L
62077 CAMPELL, RONALD
HERNANDEZ, DANIEL
OSHA, NATASHA
WILSON, HENRY
62154 FLORES, CANYON
GINES, AMBROSIO
HEANEY, ANDRIANN
JUSTICE, TRENTON
VALENTIN, HECTOR A
ZITTEL, GORDON
62168 ARCHILA, JEREMY
WIMBUSH, WILLIAM G
62172 LENNON, WILLIAM L
ONEAL, KATHY D
SENZIG, NICHOLAS J
TIBBS, SAMMIE
62184 BENSON, ALICIA
CARTHWRIGHT, SUSAN
CURRIER, MATTHEW B
PARKER, PEGGY
VOSS, ANITA
YATES, PERCY C
62220 ANDERSON, ROBERT C
BLACK, JOUISE M
MAGEE, PHILIP
NEWSOME, THOMAS I
PHILLIPS, JARED M
QUAIL SPRINGS VILLAGE
62224 ALLEN, PEARCE
BROGAN, DANIELLE
CASTILLO, CHAZ
DIMAGGIO, DOM J
KEEPERS, CASEY
62238 BERRAS, CRYSTAL
HARVEY, DENISE R
LILLY, WHITNEY
MACAULEY, BRITTANI
ORFANELLA, ELIZABETH A
RIESER, ARCHIE M
62266 BUCK, DARRELL
EDWARDS, CHARLES
HUMPHREY, DAVID
SORTER, ROSE
62272 BONNASUE, B

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VERBENA RD 2017 (Cont'd)

62272	HUGO, KAREN
	MORROW, DAVID J
	SCARSELLI, PIETRO
	SPEAKMAN, CHANTEL M
	VASQUEZ, ANTHONY A
62278	KANIEFSKI, MARIKA
	MILLER, NIKKI
	SURALIE, MELISSA
	WHITE, RANDY B
62294	ALDERSON, JOSEPH
	JONES, TOM L
	KETTERER, VANESSA
62405	MORONGO BASIN TRANSIT

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

29 PALMS HWY 2014

61231 HI DESERT PLAYHOUSE GUILD INC
PLAYHOUSE GUILD
61259 JOSHUA TREE INN RESERVATIONS WOR
JOSHUA TREE INN & MOTEL
61310 HIGH DESERT MOTEL
HIGH DESERT MOTEL JOSHUA TREE NATION
61325 JIN NAM BAEK
JOSHUA TREE MINI STORAGE
JOSHUA TREE REALTY
JT MINI STORAGE
61380 SAMS MKT II
SAMS PIZZA & SUBS
SMOKE N MORE
61585 TOWELS, TAMMY
61599 ROYAL SIAM CUISINE THAI RESTAURANT
61607 ABLE 2 HELP BAIL BONDS
ADULT PROTECTIVE SERVICES
AGING
COUNTY OF SAN BERNARDINO
H&R BLOCK
INHOME SUPPORTIVE SERVICES
JOSHUA TREE CTR FOR CHANGE
SENIOR EMPLOYMENT PROGRAM
UNITY HOME HOTLINE DOMESTIC VIOLENCE
61675 HOSPICE THRIFT SHOP
61693 JOSHUA TREE HEALTH FOODS
61695 GRATEFUL DESERT
NATURAL SISTERS CAFE
61707 JOSHUA TREE OUTFITTERS
61711 ALL AMERICAN REAL ESTATE & CONSULTIN
61715 CROSSROADS CAFE & TAVERN
61716 BARGAIN ALLEY
61731 RICOCHET
61732 MOJAVE DESERT LAND TRUST
61739 MIKES LIQUOR
61740 PIE FOR THE PEOPLE
ZAGIS PIZZA
61761 SANTANAS MEXICAN FOOD
61768 COUNTRY KITCHEN

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SUNSET RD 2014

3255	KLINE, JEFFREY H
3292	FERRARI, LINDA G
3405	WIGAND, DONALD
5898	STEWART, RONALD
5913	OBERG, MARSHA L
5923	JACOBSON, JENNIFER
5952	KATHREIN, STEPHEN J
5957	MERCADO, MARIA
6036	BERTRAND, TIM R
	BURKHART, SHERION L
	CRAIG, CELESTE R
	FLORES, JOSIE C
	FRANKLIN, JUNE A
	GARCIA, MARY A
	GULLIAMS, JOANN A
	HARAN, ADELLE
	HILL, EDWIN H
	KING, JEANNE
	MANN, MARSHA R
	MCCUBBIN, JAMES
	PETERS, FLORENCE G
	PONDER, NEVA A
	REICHERT, BRIAN
	SCHMIDT, KATHERINE M
	SUMMERS, DOROTHY J
	SUNSET VILLAGE APARTMENTS
	WILSON, ADAM
	WILSON, KATHRYN
6075	NANCE, MICHELLE G
6109	KIMMEL, CALLI
6137	RANDALL, LORETTA
6187	THOMPSON, NICOLE
6201	OCCUPANT UNKNOWN,
6393	MALLANTS, DEBORAH S
6409	CANCEL, RUDOLPH P
6587	BUTLER, MISTER
	REYNOLDS, ANDREW B
6593	OCCUPANT UNKNOWN,
6595	VALDIVIA, TEOFILO
6655	OCHOA, MARICELA I
6670	OCCUPANT UNKNOWN,
6675	DAYNES, THOMAS
6740	FIRST BAPTIST CHURCH
6753	OCCUPANT UNKNOWN,
6763	OCCUPANT UNKNOWN,
6800	MCKAIG, BARBARA L
6828	CUSHLER, RAYMOND C
6850	DRUKAS, JEAN
6870	CAYGILL, DAVID L
6875	WEBB, JENNIROSE R

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SUNSET RD 2014 (Cont'd)

6886 OCCUPANT UNKNOWN,
6897 JONES, LEONARD G
6898 CARRINGTON, ROBERT T
6967 MEYERS, ROBERT
6986 FEDERMAN, JUSTIN
6987 PASQUINI, WILLIAM J
7000 CAPUTO, TERRI L
7010 ROE, RAYMOND
7015 OCCUPANT UNKNOWN,
7066 OCCUPANT UNKNOWN,
7092 NEAL, VIVIAN L
7102 ROBY, MATTHEW A
7138 WILSON, BILLY A
7364 BRENDLE, BOYD W
7369 BRADLEY, NORMAN F
7381 DECKER, VIRGINIA E
7393 ASHKENASY, JESSICA
7415 BLOOMFIELD, FLOI
7482 CURRENT, LEE A
7514 SLOANE, HILARY F
7518 THOMPSON, TERESA L
7545 SOMERS, DAVID L
7564 JENKINS, WILLIAM A
7644 ORGEL, ROSEMARY A
7695 HARTLEY, ROSE M
7716 OCCUPANT UNKNOWN,
7788 OCCUPANT UNKNOWN,
7795 HEALEY, CHARLES E
7805 OCCUPANT UNKNOWN,
7815 OCCUPANT UNKNOWN,
7875 SULLIVAN, BRYAN E
7895 DIECHOFF, JEFFREY J
7995 MERRITT, STEPHEN B
8005 STEVENS PLUMBING
TALIAN, STEVEN D
8030 YOUNG, CHRISTOPHER J
8215 BERG, JAMES B
8237 GREEN, FREDERICK G
8423 MCCHESNEY, DAVID J
8525 BARRY, JAMES D
8575 MCCOURT, MICHAEL M
8679 MICHAEL, TOM

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VERBENA RD 2014

61451	ANDRADE, WENDY
	BAISEY, WENDY
	BARBARY, JODY D
	BIGELOW, MARY A
	BISCONTIN, CHRISTINA M
	CARTER, MARCIE
	DINGLER, KENNETH B
	EASLEY, ADRIAN
	FAIRCLOUGH, RICHARD
	FLOYD-ENGSSER, KAZIMIER W
	FONTECCHIO, CHRIS
	FRIEL, TERI L
	FULLER, VICTORIA S
	GONZALEZ, TASHA
	HAMS, KELLY A
	HARRIS, JODY
	HELM, CHRISTINE D
	HILL, RABECCA
	JOHANSSON, BRITT M
	KELLY, LESHEA M
	LICON, RUBEN
	MARQUEZ, R
	MASSEY, ROBYN L
	MATHEWS, W A
	MATSON, BETTY J
	MCKISSEN, CHRISTINA
	MENDOZA, FRANCESCA E
	MORENO, SANDY
	PORRO, CHRIS
	ROTUNNO, AMBER L
	SAGE, ELIZABETH
	SHERRILL, BRITTANY A
	SOMMER, SCOTT
	TEAGUE, TROY J
	VIOLANTI, BELL
	VOSS, ANGELINA
	WHIGAM, AMBER
	WREN, WENDY
	WRIGHT, NICOLE A
	YUCCA TRAILS APARTMENTS
	ZIMMERMAN, VICKIE L
61845	DUVALL, TIMOTHY
61861	BRANSFORD, GREG
61873	BILLINGTON, LINDSEY M
	KARIM, JUDITH
61880	KING, DOMINIC
	NINO, STEPHANY
	WILEY, CHARLES
61882	WILDER, CHARLES
61885	ABDUIKARIM, HABIB S

VERBENA RD 2014 (Cont'd)

61885 MCCLURE, MICHELLE D
RUSH, M
61888 DOWDY, MELISSA
KIMMEL, SHARON
61896 GRAHAM, KRISTINA
HARPER, J M
PIERCE, CARLA
61920 BAXTER, NATALIE
61933 VILLALOBOS, VALERIE
61934 HILL, APRIL
61941 ELLISON, JAMES J
NASR, MINA M
61944 WEBB, ERIC K
61946 OCCUPANT UNKNOWN,
61959 PASQUALICCHIO, RICHARD D
62003 MCGEE, PHILLIP
62005 OCCUPANT UNKNOWN,
62019 PARSONS, MICHAEL A
62021 SONE, KATRINA
62023 DIAMOND, LARRY C
62049 BLAINE, TAMMRA M
62071 HARRIS, DARRELL
JONES, SUMMER L
PYERMAN, SEAN
62077 CAMPBELL, MARILYN
WILSON, HENRY
62154 GUILDING, MICHAEL P
VALENTIN, HECTOR A
62168 ARCHILA, JEREMY
DOUGHERTY, DEBRA S
NULANZ, MARY B
SAENZ, JOSE D
62172 CRAZY, JENNA
LENNON, WILLIAM L
RUPEL, ESTHER
62184 LYSHER, ED
MCCORD, ELIZABETH S
STEGALL, KRISTOPHER
TATE, ANTONIO L
62220 EDWARDS, G
FARMWALD, SUMMER
PASQUALICCHIO, RICHARD D
QUAIL SPRINGS VILLAGE
62224 ALLEN, PEARCE
JAHELKA, RICHARD
LEWIS, MAURICE M
SMITH, DANIEL
62238 BERRAS, CRYSTAL
BROWN, WILLIAM C
FRANKLIN, SARAH M

VERBENA RD 2014 (Cont'd)

62238 KING, BRENDAN C
THOMAS, TOMIKA
62266 BOWERS, MICHAEL
LEE, KEVIN
LONG, CHELSEA
62272 LITTON, AMBER D
MARTINEZ, DAVID
MORROW, DAVID J
PETERSON, HERBERT E
SPEAKMAN, MICHAEL D
SUE, B
62278 JOHNSON, CHRIS
PINEDA, JENNIFER
62294 BARKER, LACEY
JONES, TOM L
62405 MBTA
MORONGO BASIN TRANSIT AUTHORITY

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

29 PALMS HWY 2010

61056	DESERT BOUND RV
61142	DOVE REAL ESTATE
61310	HIGH DESERT MOTEL
61325	BAEK JIN N DDS
	JOSHUA TREE MINI STORAGE
	JOSHUA TREE REALTY
	MORONGO BASIN ART COUNCIL
	NATIONAL PARKS CONSERVATION
61380	SAMS MARKET II
	SAMS PIZZA
61416	US POST OFFICE
61595	JOSHUA TREE OPTOMETRIC EYE CTR
61599	ROYAL SIAM CUISINE THAI RSTRNT
61605	JOSHUA TREE DRUG COURT
	MORONGO BASIN MENTAL
	UNITY HOME THRIFT STORE
61607	AGING & ADULT PROTECTIVE SVC
	AGING SENIOR EMPLOYMENT PRGM
	ENERGY SPA
	H&R BLOCK
	INHOME SUPPORTIVE SVC
61675	HOSPICE OF MORONGO BASIN INC
	HOSPICE THRIFT SHOP
61689	VIKING, HEATING
61693	JOSHUA TREE HEALTH FOODS
61705	RICOCHET
61707	JOSHUA TREE OUTFITTERS
61711	ALL AMERICAN REAL ESTATE
61715	CROSSROADS CAFE & TAVERN
61739	MIKES LIQUOR
61740	TRUE WORLD GALLERY
61761	SANTANAS MEXICAN FOOD
61768	COUNTRY KITCHEN
61771	CHIEN YIN M DDS
61794	JOSHUA GAS
	SUBWAY

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SUNSET RD 2010

1974	HAMMOND, PAUL G
3255	KLINE, JEFF
3292	JACKSON, MARY K
3405	LATHAM, MICHELLE
5898	STEWART, RONALD
5913	OBERG, MARSHA L
5918	OCCUPANT UNKNOWN,
5923	EXPRESS MOBILE NOTARY SVC
5952	KATHREIN, DOROTHY M
5957	LATHROP, JEAN
6036	ARCHIE, MARIA
	CORBIN, JEAN
	CURTIS, JOYCE
	DECICCO, JOSEPH R
	ENSMINGER, GARY A
	FRANKLIN, JUNE A
	GOUDIE, BUDDY
	GUFFEY, DEBRA
	GUILLIAMS, JOANN A
	HAMRICK, ELSIE V
	HILL, EDWIN H
	LOVELLA, J
	MANN, MARSHA
	PETERS, FLORENCE G
	PONDER, NEVA A
	REICHERT, BRIAN
	ROBBINS, BONNIE
	SMITH, KATHLEEN R
	SPEER, DEBRA
	SUNSET VILLAGE APARTMENTS
	WALLACE, HENRY L
	WILSON, KATY
6075	NANCE, MICHELLE R
6088	FIRST SOUTHERN BAPTIST CHURCH
6109	COOGEN, JAIMIE
6137	RANDALL, LORETTA
6201	OCCUPANT UNKNOWN,
6393	HEALTHCARE PROVIDERS EDU CTR
	LEGAL DOCUMENTS SVC
	MALLANTS GROUP
	MOJAVE DESERT LAND TRUST
	SIGNAGRAPHICS
6409	CANCEL, RUDOLPH P
6559	SIPOS, DAVID R
6587	BUTLER, MISTER
	KOSTER, JESSICA
	MORROW, KAREN
	REYNOLDS, ANDREW B
6593	OCCUPANT UNKNOWN,
6595	OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SUNSET RD 2010 (Cont'd)

6597 GARVER, SAMANTHA
6655 CHARLTON, MONICA D
LUKENS, TERRY C
RYBURN, KENNETH
6670 WOLCOTT, BRETT G
6675 FUEKERSON, SARAH
6740 FIRST BAPTIST CHURCH
6753 WILLEY, ALLEN J
6763 PETROVICH, MATHE
6773 MURPHY, LORI L
6800 LOMELI, JOSE S
6828 CUSHLER, RAYMOND C
6850 DRUKAS, JEAN
6870 VAUGHN, ORVILLE J
6875 WEBB, MONTE R
6886 CHRISS, KEVIN L
6897 JONES, LEONARD
6898 CARRINGTON, ROBERT T
6986 NAPIER, ANNALOIS
6987 PASQUINI, WILLIAM J
7000 OCCUPANT UNKNOWN,
7015 HARNITZ, DAVID
7056 HARRIS, STEVEN M
MABLE, AMBER N
MASSON, JACQUELINE R
7066 OCCUPANT UNKNOWN,
7078 OCCUPANT UNKNOWN,
7092 NEAL, VIVIAN L
7102 ROBY, MATTHEW A
7138 WILSON, BILLY A
7364 BRENDLE, BOYD W
7393 OCCUPANT UNKNOWN,
7415 BLOOMFIELD, FLOI
7482 CURRENT, LEE A
7518 THOMPSON, TERESA L
7545 OCCUPANT UNKNOWN,
7564 JENKINS, WILLIAM A
7644 OCCUPANT UNKNOWN,
7695 HARTLEY, ROSE M
7716 DAYTON, MICHELLE
7775 OCCUPANT UNKNOWN,
7788 OCCUPANT UNKNOWN,
7795 HEALEY, CHARLES E
7805 MCGRAW, MICHAL P
7815 NEWKIRK, KARL R
7875 SULLIVAN, BRYAN E
7895 DIECHOFF, JEFFREY J
7994 OCCUPANT UNKNOWN,
7995 MERRITT, STEPHEN B
8005 OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SUNSET RD 2010 (Cont'd)

8015 CHAMBERS, WENDY S
8030 YOUNG, CHRISTOPHER J
8215 BERG, JAMES
8237 GREEN, FREDERICK G
8331 CRAM, SUSAN M
8423 MCCHESNEY, DAVID J
8525 BARRY, JAMES D
8575 MCCOURT, MICHAEL M
8679 MICHAEL, TOM

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VERBENA RD 2010

61451	ANDRADE, WENDY
	BARNETT, SUSANNA M
	BIGELOW, MARY A
	BISCONTIN, CHRISTINA M
	BOLTON, WILLIAM J
	CABIERO, CRISTAL
	CROCHETIERE, RACHEL
	DINGLER, KENNETH
	FAIRCLOUGH, RICHARD
	FLOYD-ENGSSER, KAZIMIER W
	FRIEL, TERI L
	GARRETT, BERNADETTE
	GAXIOLA, RICARDO
	HARO, RICK
	HENS, A
	HERRERA, PAT
	HULCY, ROGER
	JOHANSSON, BRITT
	LAVALLEE, JOHN
	LICON, RUBEN
	LICON, SHANNON
	LONG, TIM W
	LOZA, ANNAMARIA
	MARQUEZ, R
	MATHEWS, W A
	MYERS, JOSEPH F
	PENCILLE, BEVERLY
	RILLEY, JAMES
	ROSS, ANTHONY S
	RUBIO, SHEILA R
	SEARS, GERRY M
	SEVERT, KATHRYN
	SKINNER, SHERRY
	SULLIVAN, KELLY
	TINSLEY, ELIZABETH
	TOWLES, HOLLY C
	URBAN, MICHELLE
	VIOLANTI, BELVA
	WATSON, LISA M
	WRIGHT, NICOLE A
61845	OCCUPANT UNKNOWN,
61873	GREBBS, JEFFREY
	VAUGHAN, RONALD E
61880	CARROLL, CAROL H
	STROH, ROBERT
61882	DELGADO, JESSICA
61885	ROD, BOB
	WRIGHT, JEREMY M
61888	GARZA, ADAM
	GRENIER, CAMDEN

VERBENA RD 2010 (Cont'd)

61888 KIMMEL, SHARON
SCACCIANOCE, MANDY
SONTAG, KATRINA
STILLWAGON, RICHARD
61896 BANKS, BETTY
GRAHAM, KRISTINA
MCKINNEY, JOSEPH N
61920 DIXON, BARRIE G
61933 FOWLER, JAMES A
61934 OCCUPANT UNKNOWN,
61941 JARVIS, STEPHANIE
MORRIS, TIFFANY
SUMMERVILLE, ROGER
61944 WEBB, ERIC K
61946 MINKS, DAVID A
61959 CASSLE, GARY C
62003 LARSON, MATTHEW
62005 GLOVER, KRISTIN
62019 OCCUPANT UNKNOWN,
62021 OCCUPANT UNKNOWN,
62049 HENSON, WENDY
KRAMER, STEPHANIE M
MCKEOWN, PAUL
WALLACE, NATASHA
62071 HARRIS, DARRELL
HOLMES, RAYMOND D
JONES, SUMMER L
62077 GAXIOLA, RICARDO
GONZALES, DANNIELLA
RIOS, JENIFER
RIVERS, SIERRA C
62154 CAHOW, DAVID K
GUARDERAS, MICHAEL
READUS, JESSE
VALENTIN, HECTOR A
62168 ENNIS, ERIC
62172 LENNON, WILLIAM L
RUPEL, GENE A
WORRELL, CHRIS S
62184 MCCORD, ELIZABETH S
MILLER, MICHAEL L
SINFULLY YOURS
STREET, MICHAEL B
62220 BIGORNIA, KARA
PASQUALICCHIO, RICHARD D
TUCKER, BRIAN K
VANDENHEUVEL, EMILY
62224 MCGARRITY, BRENNA
MORICE, ANGEL
SMITH, DANIEL

VERBENA RD 2010 (Cont'd)

62238 ALVAREZ, ELSA
DINSMORE, LINDA
MACAULEY, BRITTANI
NOUNNON, SHAYLON
PFLUEGER, ALEX
PITNER, CHRISTA
SCARSELLI, PETER
SCHULTZ, CHRISTINA
THOMAS, ROBERT
62266 GARCIA, CARMEN
MILLER, RANDOLPH
MONTEZ, RHONDA
62272 CHISOM, CHRISTOPHER M
HUBBARD, MICHAEL
KLINK, M
LYNN, MIGNON C
MORROW, DAVID J
NIELSEN, C
62278 BERNARDINI, LOUELLA A
BRETADO, RAUL
MOSQUEDA, DORIS P
62294 IBLINGS, NATHAN
JONES, TOM L
KING, DANIEL
RAYMOND, KENDRA
SAMUAL, QUENCEN
62405 MBTA BUS
MORONGO BASIN TRANSIT

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

29 PALMS HWY 2005

61058	JUDSON, JAMES
61142	DOVE REAL ESTATE
	PIROLO, PHILIP A
61310	HIGH DESERT MOTEL
61325	DESERT DOCUMENTS
	DR SUNG CHUN WEE DDS INC
	HERO U HAUL
	JOSHUA TREE CHAMBER OF COMMERCE
	JOSHUA TREE HEALTH FOODS
	JOSHUA TREE RENTALS
	KREMER KUTS & SUPPLIES
	LAU, JAMES
	NATIONAL PARKS CONSERVATION ASSOCIAT
61380	EAGLE 1 VIDEO
	SAMS MARKET & LIQUOR
61416	UNITED STATES POSTAL SERVICE
61595	JOSHUA TREE OPTOMETRIC EYE
	SHELDON G W OD
61597	JOSHUA TREE BEATNIK CAFE LLC
61599	ROYAL SLAM CUISINE
61605	JOSHUA TREE DRUG COURT
	PANORAMA RECOVERY RANCH / JOSHUA TRE
61607	HOSPICE THRIFT SHOP
	HOW FOUNDATION
	SAN BRNRDN CNTY OF AGING & ADU
	SENIOR COMPANION PROGRAM
61675	HOSPICE OF MORONGO BASIN INC
61689	VIKING, HEATING
61693	JOSHUA TREE HEALTH FOODS
61695	ARTUROS RESTAURANT
61705	RATTLER FINE FOOD
61707	JOSHUA TREE OUTFITTERS
61715	CROSSROADS CAFE & TAVERN
61716	ZEBRA CONCRETE COATING & PAINTING
	ZEBRA PAINT
61732	RANCHO HOMES REALTY
61739	MIKES LIQUOR
61761	JOSHUA TREE HARDWARE
	JOSHUA TREE HARDWARE AND MERCANTILE
	KIMS DRIVE THRU
	KIMS RESTAURANT
61768	COUNTRY KITCHEN
61771	CHIEN YIN M DDS
61882	GROUND CONTROL

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SUNSET RD 2005

3255	STEAVENS, SHAINA
3292	JACKSON, MARY K
5913	GREENE, NANCY F
5918	WILSON, PATRICIA A
5957	CAMPBELL, SUSAN
6036	CLARY, BEN
	COE, DAVID M
	CURTIS, JOYCE I
	DAVIS, EDNA
	ENSMINGER, GARY A
	FORSBERG, DAVID S
	FRANKLIN, JUNE A
	GOUDIE, BUDDY
	HERRERA, PAT
	HILL, EDWIN
	KENDALL, NORMA G
	LOPER, ELSIE D
	MILLER, HOWARD D
	MINOR, VIRGINIA T
	PITTMAN, RICHARD
	RAMIREZ, JOE
	RHOADS, LORENE
	RICHARDSON, GLENDA
	SCHMIDT, KATHY M
	SPEAKER, BETTY M
	STEPHENS, CRAIG
	SUNSET VILLAGE APARTMENTS
	WILSON, ADAM V
	WRIGHT, CARRIE E
6088	FIRST SOUTHERN BAPTIST CHURCH OF JOS
	JOSHUA TREE FIRST SO BAPTIST CH
6137	LORD, THEODORE C
6187	OCCUPANT UNKNOWN,
6393	DEBORAH SUE MOORE
	OCCUPANT UNKNOWN,
	S O S CAREER TRAINING CENTER
6409	CANCEL, RUDOLPH P
6415	OCCUPANT UNKNOWN,
	TRANSWESTERN PUBLISHING
6559	HEADLEE, JOSEPH
6587	REDFERN, BIFFEL M
6593	OCCUPANT UNKNOWN,
6595	OCCUPANT UNKNOWN,
6599	OCCUPANT UNKNOWN,
6655	COAKLEY, KATHLEEN
	DAVIS, DAVID W
	HENDRICKSON, LEONDA
	LUKENS, TERRY C
	SCHAEFER, CAROLYN L
	SEDELMEYER, JOHN

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SUNSET RD 2005 (Cont'd)

6670 LANE, DAVID J
6675 BARNES, JOE
6740 FIRST BAPTIST CHURCH OF JOSHUA TREE
6753 TED, JURLING
6763 OCCUPANT UNKNOWN,
6800 LOMELI, JOSE
6850 OCCUPANT UNKNOWN,
6870 VAUGHN, ORVILLE J
6875 WEBB, MONTE R
6886 CHRISS, KEVIN L
6898 CARRINGTON, ROBERT T
6955 DAVIS, KRISTEN
6986 NAPIER, ANNALOIS
6987 PASQUINI, WILLIAM J
7000 CAPUTO, TERRI L
7056 GEIL, SHAWNA
7066 OCCUPANT UNKNOWN,
STITCH ART STUDIO
7067 GALES, EDITH M
7078 OCCUPANT UNKNOWN,
7092 NEAL, JOHN V
7102 CASELLA, JAN C
7138 WILSON, BILLY A
7364 BRENDLE, BOYD W
7369 PENNINGTON, IMOGENE C
7393 MCKNIGHT, STEPHEN C
7415 BLOOMFIELD, CHARLES E
7482 CURRENT, LEE A
7518 THOMPSON, TERESA L
7545 SOMERS, DAVID L
7564 JENKINS, WILLIAM A
7695 HARTLEY, ROSE M
7716 LUND, KASTLE A
7775 GRANT, LAVINA E
7788 OCCUPANT UNKNOWN,
7795 HEALEY, CHARLES E
7805 BUNNELL, LILLIAN M
7815 OCCUPANT UNKNOWN,
7875 SULLIVAN, BRYAN E
7895 WEBSTER, SUSAN J
7915 HENLEY, JAMES D
7965 RAWSON, BETTY M
7994 OCCUPANT UNKNOWN,
7995 NIELSEN, GARY M
8080 OCCUPANT UNKNOWN,
8215 BERG, JAMES
8237 GREEN, FREDERICK G
8423 MCCHESNEY, DAVID J
8525 BARRY, JAMES D
8575 MCCOURT, GARY M

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SUNSET RD 2005 (Cont'd)

8625 KAUPP, JOHN K
8679 MICHAEL, TOM

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VERBENA RD 2005

61451	ABEL, SHANNON R
	BAXTER, CATHERINE L
	BISCONTIN, CHRISTINA
	BOLTON, WILLIAM J
	BONDERER, SHARI
	BURNS, FRANK
	CHAVEZ, SHEILA R
	CLARK, SUSAN
	CURRY, MARY L
	DUNCAN, KATHIE
	FERGUSON, JON D
	FLOYD, DEANNA
	FRIEL, TERI L
	GONZALEZ, BRANDY R
	HALEY, LAURA
	HENS, A
	HUGHES, SHALONDA
	IVERSON, KEITH
	KELLY, HAMS
	LANDGRAVE, LUIS H
	LAUX, CELENE
	LEE, FRANK
	NICHOLAS, JOSIE
	NIELSON, THERESA
	ROSS, ANTHONY S
	ROTEUNNO, L
	RUBIO, SHEILA R
	SEGMILLER, SUSAN L
	SLAUGH, ROGER
	STROHRIGL, ROSEMARY
	SUHRBIER, A
	TEAGUE, TROY
	TOP GUN PRESSURE WASH
	TOWLES, HOLLY C
	WATSON, LISA M
	WRIGHT, NICOLE
61845	CUMMINS, JIM H
61861	OCCUPANT UNKNOWN,
61873	JACOBS, KRYSTAL
61882	OCCUPANT UNKNOWN,
61885	DALTON, R
	HANSEL, C
61888	ANDERSON, BONNIE
	RUTHERFORD, ARTHUR
61896	BRADLEY, SEAN
	BROWN, JACKIE
	WOODY, VICKI L
	YOST, W
61920	OCCUPANT UNKNOWN,
61934	VONVOLZ, LEISA

VERBENA RD 2005 (Cont'd)

61944 WEBB, ERIC
61959 LOPEZ, ELDA V
62003 GUTIERREZ, ALFONSO V
62005 OPPERMAN, GREG
62021 HOESEL, SHAWN
62049 BUENROSTRO, DULCE
62077 HARVEY, AMBER
KING, DAVID
SHROYER, JOSHUA J
SIDDONS, DANIEL E
62154 ARGO, DANIEL
BLACKBURN, DAVID
CAHOW, TORI
JACKSON, BERNETTA C
NAVARRETE, MARK
NORMAN, DAVID
PROULX, STEVEN
SPECK, AMBER
62168 ESCH, JENNIFER
KLIPICH, STEVE
LAMBERT, KEN
NASH, PATRICK J
PALLANTE, MATTHEW
62172 BONAMASSA, MELISSA J
DEES, AMANDA
JEREZ, ABDEL
LENON, WILLIAM L
WORRELL, CHRIS
62184 BRIDGES, DARLA J
COOK, JAMES P
DEVINE, DUSTIN
ELLIS, E
GROVES, RONALD C
LYSHER, EDDIE
PASCOFF, HAZEL L
VANDERMARK, MICHELLE
WATSABAUGH, BETH
62220 CORDI, CASEY
CROOM, D R
GOHN, HEATHER E
GRAHAM, MICHAEL
GRAY, JAMES
HOWARD PARKER AIRCRAFT RENTALS LLC
HOWARD PRKR ARCRFT RNTL LLC
JOSE & SHANA TEE
QUAIL SPRINGS VILLAGE
RILEY, CARMEN
TUCKER, ANGELA N
62224 BONACCI, ERIC
HOLMGREN, GARY L

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VERBENA RD 2005 (Cont'd)

62224	KUZEL, MATTHEW F
	LEHECKA, LINDA L
	MRZLAK, CARRIE
	PAHUT, BRANDEE
	PENDER, GARY T
	SCHNEIDER, MICHAEL
	THUNEN, DANIEL
62238	AMEND, MIKE
	ARMENDARIZ, LARRY
	BECK, JERRY G
	DURAND, MATHEW
	LOVORN, JR
	TALAMANTEZ, SANTIAGO
62266	BARLOW, MITCH
	DORADO, MICHELE
	HOWELL, JENNIFER
	LEGGE, KEVIN
	MASSEY, WENDY K
	NORMAN, STEPHEN J
	ORR, WILLIAM
	SHANNON, RICHARD M
	SHARP, JUANITA
	ZICKLER, R
62272	BOWER, DANIEL
	CAMPBELL, T
	CLEMONS, COURTNEY
	KLINK, M
	MARTIN, CHAD
	MORROW, DAVID J
	PERIN, ANNAMARIA
	ROCKEMANN, J
	THOMAS, RUSSELL
	WARREN, DENNIS R
62278	DELACY, SHANNON
	SAVAGE, DENISE
	SMITH, MELVIN M
62294	KOMESKI, HEATHER
	ROTHMAN, ANDREW
	WALKER, CHARLES
62405	MORONGO BASIN TRANSIT

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

29 PALMS HWY 2000

61142 REDYNES CORRAL
61231 HI DESERT PLAYHOUSE GUILD INCORPORATED
PLAYHOUSE GUILD
61259 EAST BAY MEDICAL IMAGING ASSOCIATES
JOSHUA TREE INN & MOTEL
SHIRBOURN DANIEL D PHD
61310 HIGH DESERT MOTEL
61325 B T COMPUTER
JOSHUA TREE CHAMBER OF CMMERCE
JOSHUA TREE MINI STORAGE
LAU JAMES S DDS
PEREGRINE INVESTIGATIONS
SASNETT WILLIAM B JR ATTORNEY AT LAW
SUES HEALTH FOODS
U HAUL CO INDEPENDENT DEALERS
61380 EAGLE 1 VIDEO
J T PIZZA CO
JOSHUA TREE PIZZA CO
SAMS MARKET II
61595 JOSHUA TREE OPTOMETRIC EYE CARE CENTER
SHELDON G W OD
61597 HI DESERT INTERNET SERVICES
JEREMYS CYBER CAFE & BEER HAUS
61599 ROYAL SIAM CUISINE THAI RESTAURANT
61605 FIRST COMMUNITY BANK
61607 ADULT PROTECTIVE SERVICES
AGING AGING AND ADULT SERVICES DEPARTMENT OF
AGING AREA AGENCY ON AGING
HOSPICE OF MORONGO BASIN INCORPORATED
IN HOME SUPPORTIVE SERVICES
SAN BERNARDINO CNT OF AGNG & ADLT SERVICES DEPARTMENT OF
SENIOR EMPLOYMENT PROGRAM
WIDOWED PERSONS SERVICE OF MORONGO BASIN
61629 FIRST NATIONAL LINEN SUPPLY & SERVICE
61693 HOSPICE THRIFT SHOP
61695 ARTUROS
61707 MEYERS ROBERT R CPA
61711 LLOYDS BARBER SHOP
61715 WINNERS CIRCLE THE
61716 JOSHUA TREE HARDWARE
61729 JOHNSON REALTY
61731 ABETTER BAIL BONDS
61739 MIKES LIQUOR
61761 KIMS DRIVE THRU
61768 COUNTRY KITCHEN
61771 CARMAN GORDON A DR
CARMAN, GORDON A

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SUNSET RD 2000

1974	ERPELDING, FLO A
3292	VEST, TIM
3405	OCCUPANT UNKNOWN,
5898	OCCUPANT UNKNOWN,
5913	MCLERRAN, ELVIN C
5918	WILSON, PATRICI A
5952	KATHREIN, DOROTHY
5957	LATHROP, JEAN
6036	BERTHEOLA, GARY L
	BOLTON, WILLIAM J
	CAMPBELL, IRENE C
	CICCONE, FELIX
	JELINEK, GLADYS L
	RICHARDSON, G
	ROGERS, GENE S
6088	FIRST SOUTHERN BAPTIST CHURCH OF JOSHUA TREE
6109	OCCUPANT UNKNOWN,
6137	LORD, T C
6409	CANCEL, P
6593	OCCUPANT UNKNOWN,
6595	ELLENS, HEATHER
6599	OCCUPANT UNKNOWN,
6644	OCCUPANT UNKNOWN,
6655	SANCETT, ROBERT
6670	OCCUPANT UNKNOWN,
6675	PINEDA, J
6740	BAPTIST CHURCH OF JOSHUA TREE FIRST
	FIRST BAPTIST CHURCH OF JOSHUA TREE
	OCCUPANT UNKNOWN,
6773	OCCUPANT UNKNOWN,
6870	OCCUPANT UNKNOWN,
6886	CHRISS, KEVIN L
6987	PASQUINI, WILLIAM
7000	CAPUTO, JEFF T
7015	GIESLER, WARREN H
7056	OCCUPANT UNKNOWN,
7066	MCNEIL, EDITH D
7078	NELSON, CHRISTI
7092	NEAL, JOHN V
7102	ROBY, MATTHEW A
7138	WILSON, B A
7393	MCKNIGHT, BECKY A
7415	OCCUPANT UNKNOWN,
7482	OCCUPANT UNKNOWN,
7518	KERFOOT, RONALD W
7545	SOMERS, DAVID
7564	JENKINS, WILLIAM A
7695	CAPWELL, TREVOR L
7716	SONNENFELD, ALEXIS A
7788	OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SUNSET RD 2000 (Cont'd)

7795	HEALEY, CHARLES M
7805	BUNNELL, J A
7815	NEWKIRK, CLAIRE
7875	OCCUPANT UNKNOWN,
7895	HUFFMAN, CRYSTAL A
7915	HENLEY, JAMES D
7928	OCCUPANT UNKNOWN,
7965	OCCUPANT UNKNOWN,
7994	OCCUPANT UNKNOWN,
7995	NIELSEN, GARY
8080	OCCUPANT UNKNOWN,
8237	GREEN, FREDRIC
8331	OCCUPANT UNKNOWN,
8423	MCCHESNEY, DAVID
8575	MCCOURT, GARY M
8625	KAUPP, JOHN K
8679	MICHAEL, TOM

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VERBENA RD 2000

61451 ABEL, SHANNON
BRADLEY, S
FITCH, BILL
HARTLEY, R
HAYES, DAVID
LARGE, DANNY B
LARSEN, VALERIE
SKINNER, SHERRY A
SUHRBIER, A
TUNSTALL, JULIA
61845 CUMMINS, JIM
61873 DEARING, SUE
61880 OCCUPANT UNKNOWN,
61882 WALKER, ALMA D
61885 JOHNSON, JULIE
ORR, TOM
YEOMANS, LISA R
61888 OCCUPANT UNKNOWN,
61896 DURSO, JOHN
ORR, KENT R
61920 DIXON, BILL M
61934 OCCUPANT UNKNOWN,
61944 OROZCO, RUTH
61959 LOPEZ, ELDA
62003 PIAZZA, LEONARD
62005 OCCUPANT UNKNOWN,
62019 OCCUPANT UNKNOWN,
62049 BROCK, PAUL G
62071 BUENO, EMMALYN
DAHLBERG, JOAN
KEATON, FRANCIS
MACLUCAS, WILLIAM
62077 HUTTON, MICHAEL
SERNA, ANGELA
62152 OCCUPANT UNKNOWN,
62154 ALBERG, MICHAEL A
GRANELL, ROBYN
MARTIN, A
62167 OCCUPANT UNKNOWN,
62168 SOUTHARD, RICHARD I
VIGNALI, LISA M
62172 HUGHES, JODI H
62174 OCCUPANT UNKNOWN,
62184 LOWRY, CHARLES D
SMITH, TIMOTHY
62220 CRITES, ADAM J
QUAIL SPRINGS VILLAGE
RALPH, AMY
62224 BANTLEY, SHANNON D
LACY, ANTONIA

VERBENA RD 2000 (Cont'd)

62224	MCDERMOTT, MICHAEL K
	MICKELSON, KERRI
	SCHNEIDER, MICHAEL R
	THORPE, JEFFREY A
62238	BROXTERMAN, JEAN A
	GRONLUND, BRIAN T
	HUNTER, C A
	JULIE, R K
	KELLEY, JULIE R
	MCCANN, ROBERT
	NEVEAU, JOELLE
	STELOVSKY, JAN
62266	CROOM, DEBBIE
	GOLDEN, MARTY
	ZENDEJAS, T
62272	EVANS, JEFF M
	LEE, L
	MORKEN, ROBERT L
	SHORT, BELLA A
62278	GEIGER, BOBBY M
62294	BUCKLEY, MELISSA S
	DAVIS, JOHN F

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

29 PALMS HWY 1995

61046 QUALITY FENCE CO
61142 REOYNES CORRAL
61231 HI DESERT PLAYHOUSE GUILD INC
61325 DENNIS MILNER
FLOWER GARDEN
JOSHUA TREE FLORISTS
PALADIN VIDEO
QUAIL SPRINGS REALTY
RAINBIRD HAIR DESIGNS
61380 JANE B YEARWOOD
SAMS MARKET
SAMS VIDEO
61416 US POST OFFICE
61595 JOSHUA TREE OPTOMETRIC EYE CTR
MORRY WAKSBERG MD
61599 ROYAL SIAM CUISINE THAI RSTRNT
61605 FIRST COMMUNITY BANK DESERT
61607 SAN BERNARDINO CNTY SOCIAL SVC
61629 FIRST NATIONAL LAUNDROMAT SVC
61651 SIDNEY J HAYES JR MD
61691 JAMES A SKIDMORE II
61693 HOSPICE OF MORONGO BASIN INC
61695 ARTUROS
61707 ROBERT R MEYERS CPA
61716 JOSHUA TREE HARDWARE
61729 JOHNSON REALTY
61731 A BETTER BAIL BOND
61738 JOSHUA TREE AUTO SUPPLY
61739 MIKES LIQUOR
61740 TRI VALLEY REALTY & DEV
61762 PRINT SOURCE

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SUNSET RD 1995

3255	OCCUPANT UNKNOWNN
3292	FELTER, CARLIN
5913	MCLERRAN, ELVIN
5918	WILSON, PATRICI A
5923	OCCUPANT UNKNOWNN
5952	WINTERS, SUE
5957	LATHROP, JEAN
6036	BOLTON, WILLIAM J
	CALE, JOHN L
	CICCONE, FELIX
	CULLUM, ELVA L
	MATIAS, RUDY I
	MORRIS, MARY E
	PATTERSON, VERNA
	PITTMAN, GRACIE
	RICHARDSON, G
	SUNSET VILLAGE APARTMENTS
	TRINDEL, M L
	WILLIAMS, WANDA
6088	FIRST SOUTHERN BAPTIST CHURCH
6109	OCCUPANT UNKNOWNN
6137	OCCUPANT UNKNOWNN
6187	MCMAHON, CHARLES J
6393	MORONGO BASIN COUNSELING
6409	CANCEL, PATRICI
6415	ALBIN KUBIAK
	KUBIAK, ALBIN
6559	OCCUPANT UNKNOWNN
6587	OCCUPANT UNKNOWNN
6644	MUNDELL, BEVERLY
6655	DEMARTINO, TINA
	GUTIERREZ, ANGELA
	MARTINEZ, DEBBIE
	MUNDELL, BEVERLY
6675	HAYS, RICHARD
	SPURRIER, RUTH
6740	FIRST BAPTIST CHURCH
6753	COOPER, D
6773	OCCUPANT UNKNOWNN
6800	OCCUPANT UNKNOWNN
6828	HARDY, BETTY
6850	OCCUPANT UNKNOWNN
6870	STONUM, SCOTT
6886	OCCUPANT UNKNOWNN
6898	CARRINGTON, ROBERT T
6986	LEGRAND, A
6987	DIVERSIFIED SKILLS
	PASQUINI, WILLIAM
7000	CAPUTO, TERRI
7015	WILSON, BILL

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SUNSET RD 1995 (Cont'd)

7056	MORCILIO, CHERYL
7066	MCNEIL, E D
7078	FRIEDRICH, JEFFREY
7092	NEAL, JOHN V
7102	OCCUPANT UNKNOWNN
7138	WILSON, B A
7364	BRENDLE, BOYD
7393	OCCUPANT UNKNOWNN
7482	RUPP, TODD
7518	KERFOOT, RONALD W
7545	SOMERS, DAVID
7564	JENKINS, WILLIAM A
7695	OCCUPANT UNKNOWNN
7716	OCCUPANT UNKNOWNN
7775	GRANT, M L
7805	BUNNELL, J A
7815	ROSEBAUGH, MELVINE
7875	HARRISON, RANDY
7895	OCCUPANT UNKNOWNN
7915	HENLEY, JAMES D
7928	OCCUPANT UNKNOWNN
7965	RAWSON, JACK
7994	KNIGHT, V L
7995	NIELSEN, GARY
8080	MOORE, GERALD W
8115	OCCUPANT UNKNOWNN
8237	GREEN, FREDRIC
8423	OSGOOD, DONALD
8575	MCCOURT, GARY M
8679	MICHAEL, TOM

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VERBENA RD 1995

61451	BERNSTEIN, EDYTHE
	BLAYLOCK, D A
	CATES, MARGERY
	HARRIS, S
	JONES, TAMARA
	MYERS, O W
	NICHOLAS, C
	RIDER, J
	RILLEY, CARY A
	RUSSELL, ANDREA
	SCHRIMSHAW, KERI M
	SLONKA, FATIMA
	TOLBIRD, SANDRA
	TUNSTALL, JULIA
	YUCCA TRAILS APARTMENTS
61845	CUMMINS, JIM
61861	OCCUPANT UNKNOWNN
61873	TEVYAW, PAUL
61880	POOL, D
	ROBINSON, ADAM
61882	WALKER, ALMA
61885	ELSASSER, FRITZ
	LISH, DAWN
61888	RODRIGUEZ, JOY E
61920	DIXON, BILL M
61959	MATHEIS, ROBERT
61964	OCCUPANT UNKNOWNN
62003	DORRIS, KATHY
62005	FERNANDEZ, JOSE
62019	MEAD, CAROLYN
62021	OCCUPANT UNKNOWNN
62049	AMOS, SALLY
62071	BUENO, EMMALYN
62077	OCCUPANT UNKNOWNN
62154	GOODWIN, TREVA
	HOCHESTEIN, P
	JONES, PATRICK F
	MCINNIS, KRISTIN M
	SCHEI, FRED
	THOMAS, MATTHEW
62168	STENSRUD, LISA
62184	GOULD, ANNETTA
	LAUBER, SEAN
62220	HICKS, HAZEL I
	QUAIL SPRINGS VILLAGE
62224	CARMODY, BOB
	FLORCYK, ROBERT
62238	LAMELZA, MARK
	LOTITO, LISA A
	PAUL, CHARLES S

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VERBENA RD 1995 (Cont'd)

62238 SCHULMAN, JEFF
62266 FALLON, JAMES
HALICKI, M
62268 OCCUPANT UNKNOWNN
62272 FUNARO, K
JAEB, ARTHUER
MARTIN, JAY
MCGUFFIN, C
SMITH, CRAIG
62278 HEWETT, MARCUS
MANN, RODNEY
SWENSON, TED
VINCENT, MICHAEL
WOOLF, SUSAN
62294 LACLAIR, MARC
MELDRUM, TAMARA
RUIZ, PETER
SPAHR, LISA

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

SUNSET RD 1992

2696	DIONNE, O
3292	FELTER, CARLIN
5913	MCLERRAN, ELVIN
5952	WINTERS, GRANT
6036	APPLEBY, EDWIN
	CALE, JOHN L
	MITCHELL, LILLIAN M
	RAGSDALE, M
	SUNSET VILLAGE APTS
	TRINDEL, M L
6088	FIRST SO BAPTIST CH
6187	MCMAHON, CHARLES J
6393	SN BDO CO MNTL HLTH
6409	CANCEL, P
6587	BOATRIGHT, DIANE
6593	SLINGER, PATRICK
6655	ADAMS, KENNETH S
	ZINK, MICHAEL
6670	WELDON, RAMONA
6675	HAYS, RICHARD
6740	BAPTIST CHURCH
6850	MACKIN, AL
7015	WILSON, BILL
7066	MCNEIL, E D
7078	FLAIM, DONALD
7092	NEAL, JOHN V
7138	WILSON, B A
7518	KERFOOT, RONALD W
7716	HUTCHISON, ORLEY
7805	BUNNELL, JOHN A
7815	ROSEBAUGH, MELVINE
7965	RAWSON, JACK
7995	WHITE, VAN D
8080	MOORE, GERALD W
8237	GREEN, F
8423	OSGOOD, DONALD
8679	MICHAEL, TOM

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

TWNTY NINE PALMS 1992

59700 PASCHALL, JAMES N
61380 ASKAR, SMEH M
DREW, P
61707 MEYERS, ROBERT R
61940 BONNER, HELEN
62262 JONES, TEX
62475 BRISSON, F
CHATELLE, JACK
FARKAS, LOUIS J
KLINGINSMITH, RON
LOOMIS, LOUISE C
SUPPES, CARL
THOMASON, P M
WILLIAMS, RUSSELL
62762 WEIR, BILL J
63401 MICK, DARYL
63532 LESNIK, ROBERT H

Target Street	Cross Street	Source
-	✓	EDR Digital Archive

VERBENA RD 1992

61845 CUMMINS, JIM
61880 ROBINSON, ADAM
61882 BUNNELL, K A
61885 NORTH, LISA
61888 AKBAR, M
61896 COLIN, LEONEL
SOMMERS, DANA
61959 MATHEIS, ROBERT
62154 CLEARY, MARY
ORNELAS, MARCY
62172 FARNSWORTH, HANLEY
ROELKE, L
VOELKER, JOHN
62184 FLORES, A
HOWARD, STEPHEN
62220 MARCHILDON, JOHN
QUAIL SPRINGS VLG
SCHMITT, KATELYN
62266 ANDERSON, JOHN
62272 SALAZAR, DANIEL
WINN, MARK
62278 HANSEN, ROBERT
62294 PITTMAN, GRACIE

Target Street	Cross Street	Source
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29 PALMS HWY 1985

61058	XXXX	00	
61142	XXXX	00	
61231	HI DESERT	366-3777	+5
61259	JARRELL DON	366-3361	+5
	JOSHUA TREE INN	366-2231	
61325	AEROBIC WEIGHT CNTL	366-8413	3
	BETTYS BODY BTQ	366-9633	3
	COLDWELL BANKR RLTY	366-8466	4
	COLETTAS MUSIC CNTR	366-8119	2
	FASHION FLOOR CVRNG	366-2060	2
	FOXY HAIR STYLING	366-8311	3
	SUNSHINE REALTY	366-8466	3
E	JOSHUA TREE SPACE	366-2060	+5
61416	US POSTL SERV	366-8912	+5
61495	CIRCLE K MRKTS 1408	366-2519	1
61595	JOSHUA TREE DNTL CT	366-3771	3
61597	HAYES SIDNEY JR MD	366-2514	9
61599	J&J HOT DOGS	366-9411	+5
61605	FIRST INTERSTATE BK	366-8425	2
61607	XXXX	00	
61620	XXXX	00	
61627	XXXX	00	
61629	FIRST NATL LAUNDRMT	366-9914	3
61651	CALAMITY G ANTQ SHP	366-8780	3
	CLAMITY GINNY ANTQE	366-8780	
61689	FAIRBANKS E RLTY	366-8716	
61691	JACKSON BIBBY GROUP	366-9438	3
61695	ARTUROS	366-2719	
61705	XXXX	00	
61707	MEYERS ROBT R CPA	366-8532	+5
61711	LLOYDS BARBER SHOP	366-2497	7
61715	WINNERS CIRCLE THE	366-8871	2
	WINNERS CIRCLE THE	366-9940	2
61716	XXXX	00	
61729	XXXX	00	
61731	SKAHILL KEN INS AGC	366-2898	1
61732	DESERT HOLDY RL EST	366-2714	
61738	XXXX	00	
61739	MIKES LIQUOR	366-8501	3
61740	BROWN KEN&CO	366-9697	+5
	JOSHUA TREE AUTO	366-8441	7
	TURTLE REALTY	366-8088	+5

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

SUNSET RD 1985

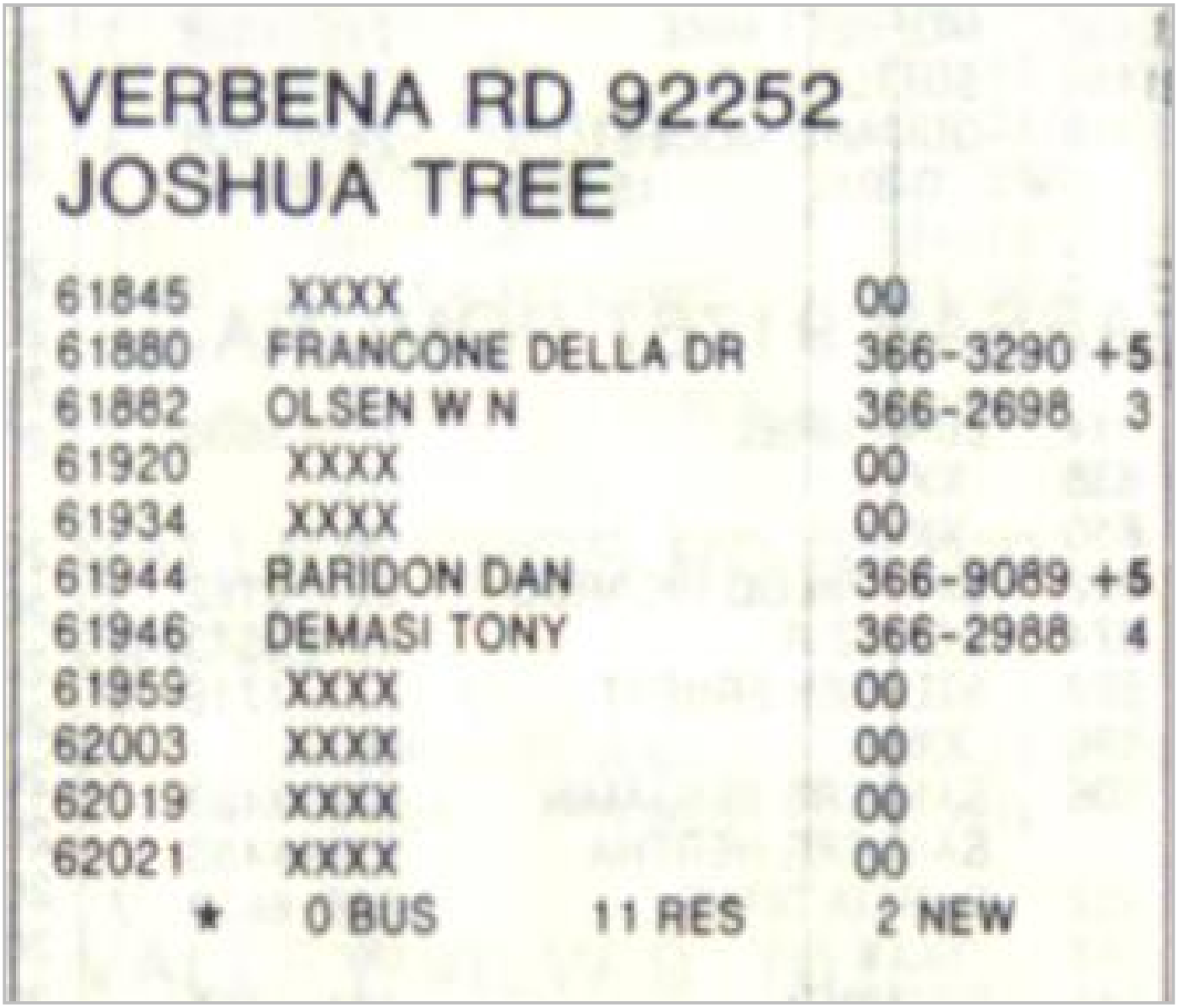
SUNSET RD 92252
JOSHUA TREE

2696	DIONNE O	366-9212	2
2823	MCCLAIN R B	366-9109	3
3255	WRIGHT GEO H	366-9103	
3292	FELTER CARLIN	366-2526	0
5913	MCLERRAN ELVIN	366-9426	2
5918	XXXX	00	
5923	XXXX	00	
5952	WINTERS GRANT	366-8776	
6029	XXXX	00	
6088	**FIRST SO BAPT CH**	**366-9211**	7
6137	STERLING ALBERT M	366-8300	9
6187	MCMAHON CHAS J	366-8523	
6409	CANCEL PATRICIA	366-8941	8
6419	XXXX	00	
6559	WEBER ARTHUR	366-9017	+5
6593	LEMONS M	366-9098	+5
6597	XXXX	00	
6599	GRIFFIN SAM	366-3125	+5
6670	OLIVAS RAMONA	366-8500	2
6675	HOWES JAS E	366-3351	+5
	MACAULEY BRIAN	366-2403	+5
6740	**BAPTIST CHURCH**	**366-8914**	9
	FIRST BAPTIST CH	**366-8914**	
6763	XXXX	00	
6773	XXXX	00	
6800	XXXX	00	
6850	CARDWELL R E	366-9578	+5
6886	SMITH JOSEPH C	366-2721	1
6891	GALLOWAY LOREN H	366-8113	
6898	CARRINGTON ROBT	366-9594	2
6967	SHEDDEN THOS V	366-8728	
6986	LEGRAND CHAS	366-9595	2
6987	HUBBARD WYNANT D JR	366-8198	1
7015	XXXX	00	
7056	DEAVER LESTER	366-9745	4
7066	XXXX	00	
7078	FRAZIER MARGARET N	366-2380	6
7092	NEAL JOHN V	366-8337	1
7102	XXXX	00	
7138	WILSON B A	366-2227	
	WILSON EDNA L	366-2227	
7564	**ESOTERIC LIGHTING**	**366-2316**	3
	JENKINS WM A	366-2316	4
7716	ELLIOTT ARNOLD A	366-8929	6
7775	BRETHEN ROBT	366-9104	2
7805	BUNNELL J A	366-3340	+5
7915	XXXX	00	
8080	MOORE GERALD W	366-8186	
8115	**PINK POODLE PARLOR**	**366-8141**	
	YOUNG WARD B	**366-8141**	
	YOUNGS PINK POODLE	**366-8141**	
8423	OSGOOD DONALD	366-8607	1
8525	YOUNG KEITH	366-2372	+5
8575	XXXX	00	
8679	HALL BOYD	366-8740	3
NO #	MCCONNELL MARIE G	366-8955	
NO #	RHONE JOHN F SR	366-9204	+5

★ 7 BUS 50 RES 9 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

VERBENA RD 1985



VERBENA RD 92252
JOSHUA TREE

61845	XXXX	00	
61880	FRANCONE DELLA DR	366-3290	+5
61882	OLSEN W N	366-2698	3
61920	XXXX	00	
61934	XXXX	00	
61944	RARIDON DAN	366-9089	+5
61946	DEMASI TONY	366-2988	4
61959	XXXX	00	
62003	XXXX	00	
62019	XXXX	00	
62021	XXXX	00	

★ 0 BUS 11 RES 2 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

29 PALMS HWY 1980

60920	KATAUSKAS BRUNO	366-2351	7
61010★	FRIENDLY HILLS ESTS	366-9950	
61056★	MOBIL SERV STN DLR	366-9977	9
61058	LEE H K	366-8524	
61259★	JOSHUA TREE INN	366-2231	
	MORRISON RAY	366-2724	+0
	ROBERTSON RUTH	366-2858	+0
	TUTHILL R J	366-2011	+0
61495★	QUIK CHEK MARKETS	366-8309	8
61595★	B&G REAL ESTATE	366-8418	8
61597	HAYES SIDNEY JR MD	366-2514	9
61599★	FAMILY DENTIST	366-8144	9
★	JOYCE MICHAEL H DDS	366-8144	5
61605★	UNITED CALIF BANK	366-8425	
61607	XXXX	00	
61620★	JOSHUA TREE BAKERY	366-2371	+0
61627★	WASH HSE LAUNDROMAT	366-2521	+0
61629	XXXX	00	
61651★	LAURAS BEAUTY SHOP	366-8713	
61689★	FAIRBANKS ELINOR	366-8716	
61691	PERSSON JOHAN	366-9113	+0
★	SHAKLEE SUPERVISOR	366-9113	+0
61695★	ARTUROS	366-2719	
61705★	INSURANCE CENTER	366-2704	9
★	VALLEY WATER SERV	366-8714	+0
61707★	MONUMENT ESCROWS	366-8514	9
61711★	LLOYDS BARBER SHOP	366-2497	7
61715★	HI HO LOUNGE	366-9940	
61716★	HOMESTEAD SPLY NO 4	366-8496	9
61729★	GUILD DEE REALTOR	366-8709	8
★	GULICK REAL ESTATE	366-2004	+0
61731★	KEN SKAHILL LNS AGC	366-2898	+0
★	VIP REALTORS	366-8091	+0
61732★	DESERT HOLDY RL EST	366-2714	
61738★	MORONGO BASN WRK CT	366-9179	9
61739★	GARRYS TIRES INC	366-9112	4
61740★	JOSHUA TREE ATO SPL	366-8441	7

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

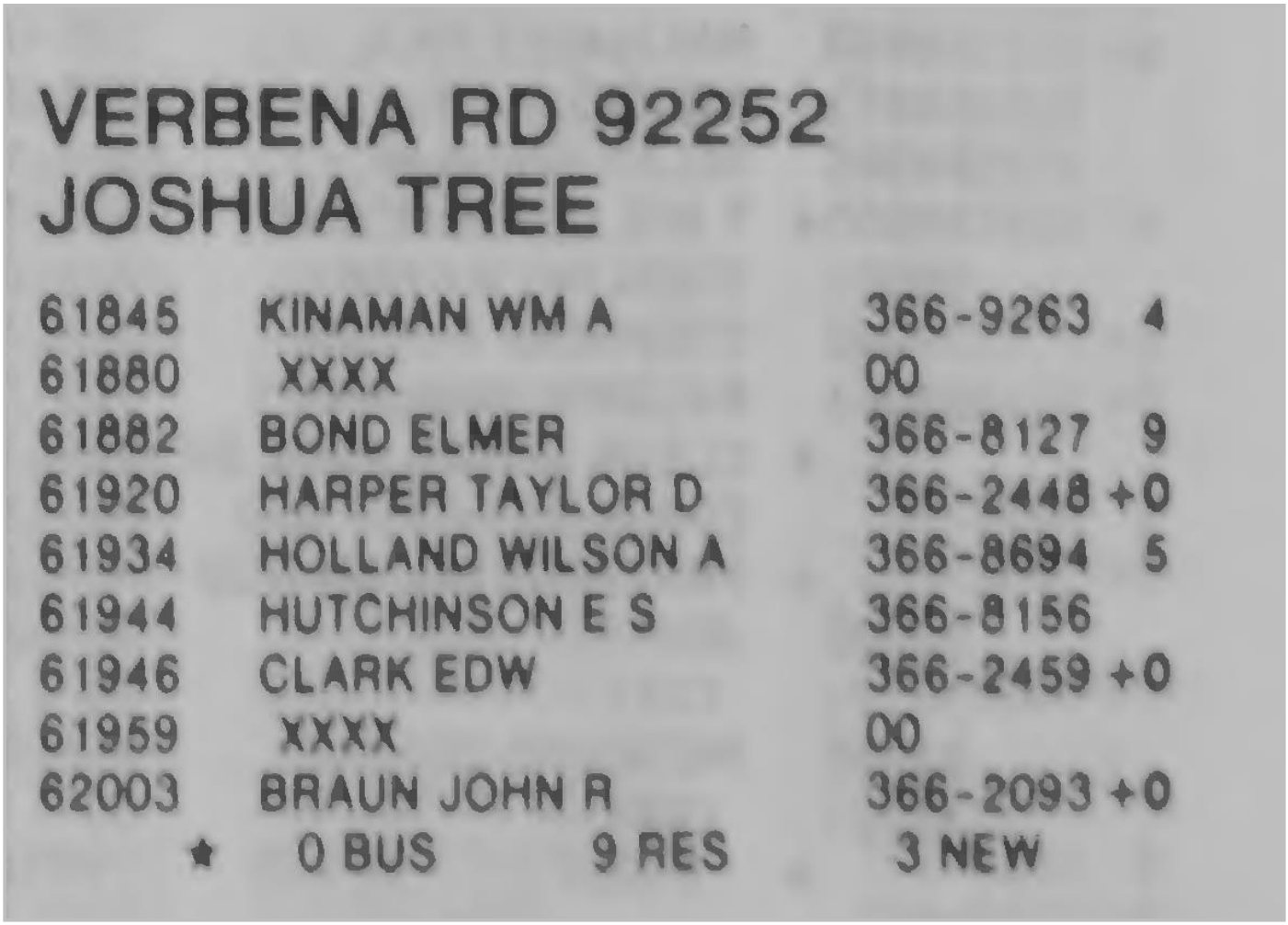
SUNSET RD 1980

SUNSET RD 92252 JOSHUA TREE

3255	WRIGHT GEO H	366-9103	4
3292	FELTER CHARLIN	366-2526	+0
5918	XXXX	00	
5923	GRAINER GENE	366-2672	+0
5952	WINTERS GRANT	366-8776	
6029	XXXX	00	
6088★	**FIRST STHRN BAPT CH**	**366-9211**	7
6137	STERLING ALBERT M	366-8300	9
6187	MCMAHON CHAS J	366-8523	
6409	CANCEL PATRICIA	366-8941	8
6559	BATTERS F J	366-2113	
6597	XXXX	00	
6670	MOYA NADINE	366-8634	4
6675	LANE HAROLD	366-8202	+0
	WHITE WAYNE	366-8131	+0
6740★	**BAPTIST CHURCH**	**366-8914**	9
★	**FIRST BAPTIST CH**	**366-8914**	
6763	ALMEIDA VICTOR	366-8753	+0
6773	OLMOS RALPH	366-8772	
6800	SINGLETON PAUL	366-8785	+0
6850	XXXX	00	
6891	GALLOWAY LOREN H	366-8113	5
6967	SHEDDEN THOS V	366-8728	
6986	COOK FERN W	366-8289	
6987	MCINVALE WALTER	366-8198	+0
7015	GOLDSBERRY RICK	366-9114	6
7056	WRIGHT P	366-2446	9
7066	ROWE HORACE	366-2707	+0
7078	FRAZIER MARGARET N	366-2380	6
7092	XXXX	00	
7102	ALDERDICE ROD	366-8315	
7138	WILSON B A	366-2227	4
	WILSON EDNA L	366-2227	4
7716	ELLIOTT ARNOLD A	366-8929	6
8080	MOORE GERALD W	366-8186	
8115★	**PINK POODLE PARLOR**	**366-8141**	5
★	**YOUNG WARD B**	**366-8141**	
★	**YOUNGS PINK POODLE**	**366-8141**	
8575	WAKLEE HANK	366-2617	+0
NO #	MASON BERNICE H	366-9101	4
NO #	MCCLAIN R B	366-9109	4
NO #	MCCONNELL JAS PAUL	366-8955	5
NO #	OSGOOD DONALD	366-8607	
★	6 BUS 37 RES 9 NEW		

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

VERBENA RD 1980



VERBENA RD 92252
JOSHUA TREE

61845	KINAMAN WM A	366-9263 4
61880	XXXX	00
61882	BOND ELMER	366-8127 9
61920	HARPER TAYLOR D	366-2448 +0
61934	HOLLAND WILSON A	366-8694 5
61944	HUTCHINSON E S	366-8156
61946	CLARK EDW	366-2459 +0
61959	XXXX	00
62003	BRAUN JOHN R	366-2093 +0

★ 0 BUS 9 RES 3 NEW

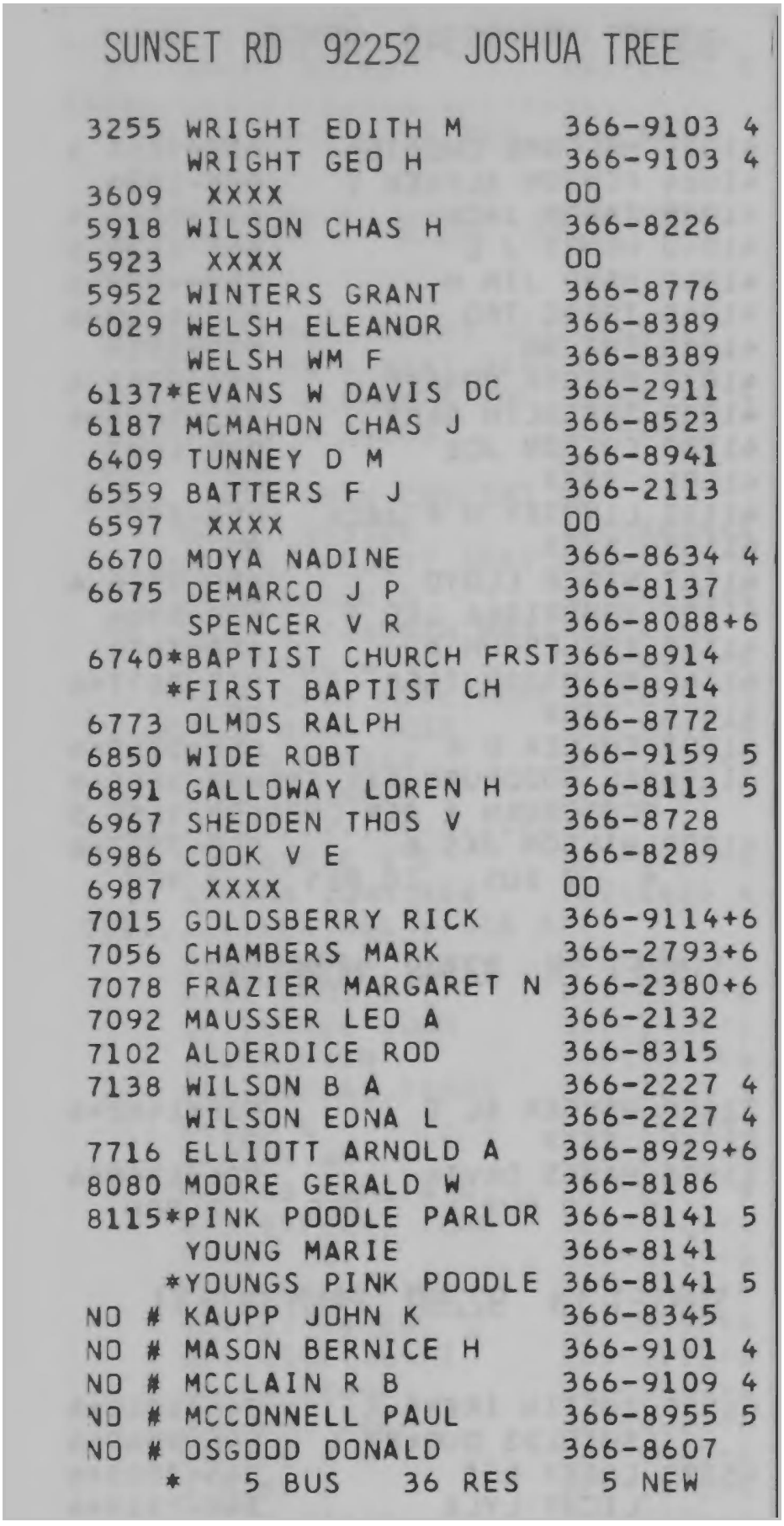
Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

29 PALMS HWY 1976

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59700...APARTMENTS
  1A  CLAFLIN G              365-5185 5
      DINGLE MARIJANE REV365-5175 5
      GOODMAN ARMOND       366-2443+6
  1C  GOWLER CLIFFORD L    366-2878 5
      HILL GENE            365-9888+6
  2H  HOLCOMB WM M         366-2178 5
     *INST MENTALPHYSICS   366-2241 5
     *INTNL CH HLY TRNTY   366-2241 5
     *MENTALPHYSICS        366-2241 5
      PALMER CARL A        366-8979+6
 15A  PRATT A P            365-5168 5
 10A  PUGH FRANKLIN J      365-5178 5
      WINKLER CELAYA Z     365-5513+6
    A KANIS WILBUR         366-8354 5
59700.......................
60121*MOUNTAIN VLY MRL PK366-9210 4
61010*FRIENDLY HILLS ESTS366-9950
61056*HOFFMANS SERV STN   366-9977 4
     *MOBIL SS DEALERS     366-9977 4
61058 LEE H K              366-8524
61259*JOSHUA TREE INN      366-2231
      PEPPE A              366-2700+6
61595*KENPO KARATE         366-2323+6
61597*FIRST STHRN BAPT CH366-9211 5
61599 JOYCE MICHAEL H DDS366-8144 5
61605*UNITED CALIF BANK   366-8425
61607*ALFREDO STRDST REST366-2303+6
61629*BARGAIN BASEMENT    366-9216 5
61651*LAURAS BEAUTY SHOP  366-8713
61689*FAIRBANKS ELINOR    366-8716
61691*ARLENES OUTLET       366-2979+6
61695*ARTUROS              366-2719
61705*JOHN DMSTC WTR DLVR366-8714
61707 GRUENDLE EULA MAY    366-8119 4
     *MAYS BEAUTY SHOP     366-8119 4
61711  XXXX                OO
61715*HI HO COCKTAIL LNGE366-9940
61716*JOSHUA TRE BLD SPLY366-8496
61729 GUILD D G            366-8709 5
61731*CALIF ST EMPLY DVLP366-2488+6
     *CHAMBER OF COMMERCE366-8011
     *JOSHUA TREE C OF C 366-8011
61732*DESERT HOLDY RL EST366-2714
     *VESS V SECRTRL SERV366-2714+6
61738*JOSHUA TREE ESCROWS366-8514
61739*GARRYS TIRE SHOP    366-9112 4
61761 MANNING ARTHUR M     366-2292 5
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Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

SUNSET RD 1976



SUNSET RD 92252 JOSHUA TREE

3255 WRIGHT EDITH M 366-9103 4
WRIGHT GEO H 366-9103 4
3609 XXXX OO
5918 WILSON CHAS H 366-8226
5923 XXXX OO
5952 WINTERS GRANT 366-8776
6029 WELSH ELEANOR 366-8389
WELSH WM F 366-8389
6137*EVANS W DAVIS DC 366-2911
6187 MCMAHON CHAS J 366-8523
6409 TUNNEY D M 366-8941
6559 BATTERS F J 366-2113
6597 XXXX OO
6670 MOYA NADINE 366-8634 4
6675 DEMARCO J P 366-8137
SPENCER V R 366-8088+6
6740*BAPTIST CHURCH FRST 366-8914
*FIRST BAPTIST CH 366-8914
6773 OLMOS RALPH 366-8772
6850 WIDE ROBT 366-9159 5
6891 GALLOWAY LOREN H 366-8113 5
6967 SHEDDEN THOS V 366-8728
6986 COOK V E 366-8289
6987 XXXX OO
7015 GOLDSBERRY RICK 366-9114+6
7056 CHAMBERS MARK 366-2793+6
7078 FRAZIER MARGARET N 366-2380+6
7092 MAUSSER LEO A 366-2132
7102 ALDERDICE ROD 366-8315
7138 WILSON B A 366-2227 4
WILSON EDNA L 366-2227 4
7716 ELLIOTT ARNOLD A 366-8929+6
8080 MOORE GERALD W 366-8186
8115*PINK POODLE PARLOR 366-8141 5
YOUNG MARIE 366-8141
*YOUNGS PINK POODLE 366-8141 5
NO # KAUPP JOHN K 366-8345
NO # MASON BERNICE H 366-9101 4
NO # MCCLAIN R B 366-9109 4
NO # MCCONNELL PAUL 366-8955 5
NO # OSGOOD DONALD 366-8607
* 5 BUS 36 RES 5 NEW

Target Street	Cross Street	Source
-	✓	Haines Criss-Cross Directory

VERBENA RD 1976



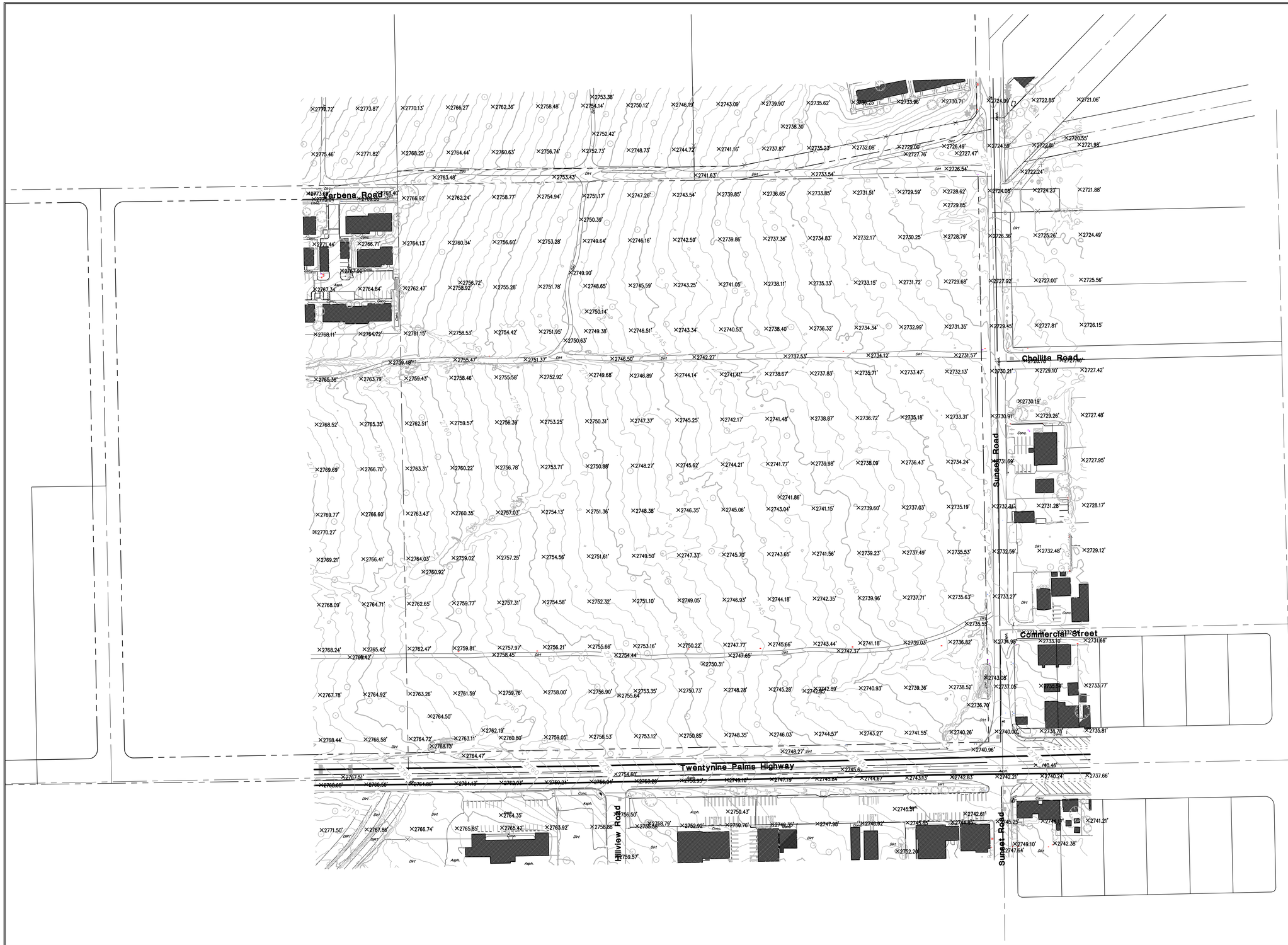
VERBENA RD 92252 JOSHUA TREE

61845	KINAMAN WM A	366-9263 4
61880	DOYLE JAS T	366-2913+6
	DOYLE MARIE	366-2913+6
61882	HEIKEN D C	366-2359+6
61920*	MITCHELL CHAS A	366-2222
61934	HOLLAND WILSON A	366-8694 5
61944	HUTCHINSON E S	366-8156
61946	XXXX	OO
61959	XXXX	OO

* 1 BUS 8 RES 3 NEW

Appendix F

Interview Documentation



LEGEND			
	Electrical Box		Telco Box
	Electrical Meter		Telco Pullbox
	Streetlight		Telco Pole
	Electrical Pullbox		Telco Riser
	Power Pole		Bollard
	Electrical Riser		Misc. Pullbox
	Backflow		Traffic Signal
	Blow-off		Storm Drain Manhole
	Water Manhole		Storm Drain Cleanout
	Water Meter		Area Drain
	Water Valve		Sewer Cleanout
	Fire Hydrant		Sewer Manhole
	Tree		Sign
	Bush		Building
	Wall		Retaining Wall

0 50' 100' 200'

1 inch = 100 ft.

BENCH MARK:

BRASS CAP STAMPED USGS 2728 38 DOR 1972 IN TOP OF CURB NORTH ALONG PARK BOULEVARD, 16 FT. NORTH OF THE EXTENDED CENTER LINE OF THE FRONT ENTRANCE TO THE JOSHUA TREE POST OFFICE, 51 FT. SOUTH OF THE CENTER LINE OF THE STREET, IN THE TOP OF THE EAST CURB OF THE BOULEVARD.

ELEVATION 2730.14 NAVD 88

BASIS OF BEARING:

-

42829 COOK, STREET, SUITE 104
PALM DESERT, CA 92211
TEL:760.341.3101
WWW.NV5.COM

IN THE COMMUNITY OF JOSHUA TREE, COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA

TOPOGRAPHIC MAP
APN 0602-371-06

PREPARED FOR: ERIC KLIENBUB

DATE OF SURVEY: OCT. 2019

SHEET NUMBER 1 OF 1 SHEETS

SCALE
VERTICAL: 1"=
HORIZONTAL: 1"=

JOB NUMBER 226719-0000087.00

ALTA ENVIRONMENTAL

3777 LONG BEACH BLVD, ANNEX BLDG LONG BEACH CA 90807 altaenviron.com p 562.495.5777 f 562.495.5877

PHASE I ESA QUESTIONNAIRE

ASTM E-1527-13 provides Landowner Liability Protections to purchasers of commercial property if All Appropriate Inquiry (AAI) is completed during property acquisition. The answers to the questions below provide information to the Environmental Professional to assist the User of the referenced Phase I ESA to comply with the User Responsibilities of AAI.

Property Description			
Property Address:	61500 29 Palms Highway, Joshua Tree, CA		
Current Occupant:	Vacant land		
Current Owner:	One Tree Hill L.P.	Phone: 415	310 0326
Site Contact:	Eric Kleinbub	Phone:	
Potable Water Provider:			
Electricity Provider:			
Natural Gas Provider:			
Sanitary Sewer Provider:			
Solid Waste Disposal Provider:			
Hazardous Waste Disposal:			
Reason for Performing ESA			

Are you aware of any environmental liens that have been filed or recorded under Federal State, local or tribal law? If yes provide details.
☐ Yes ☑ No

Are you aware of any activity or land use limitations (AULs), engineering controls or land use limitations that have been filed or recorded under Federal, State, Local or Tribal Law? If yes, provide details.
☐ Yes ☑ No

Do you have any specialized knowledge of the property or experience related to the subject property or nearby properties so that you would have knowledge of chemicals or processes used at the property? If yes, provide details.
☐ Yes ☑ No

Is the acquisition price differing from the fair market value of the property?
□ Yes ☑ No
If there is a difference, have you considered a lower price is due to contamination known or believed to be present at the property? Please provide details.
□ Yes □ No

As the user of this ESA, based on your knowledge and experience with the property, are there any obvious indications of the presence or likely presence of contamination at the property? If yes, provide details.
□ Yes □ No

Are you aware of any information that would help the environmental professional identify conditions indicative of releases or potential releases, including past uses of the property, uses of chemicals at the property, or environmental cleanups that have taken place at the property? If yes, provide details.
□ Yes ☑ No

Do you know of any pending, past or threatened litigation or administrative proceedings related to hazardous substances or petroleum products on, in or from the property or any notices regarding possible violations of environmental laws or possible liability related to hazardous substances or petroleum products? If yes, provide details.
□ Yes ☑ No

Are there any chemical storage areas or hazardous material storage areas located at the subject property?
If yes, provide details.
□ Yes ☑ No

Are there any current or historical Aboveground Storage Tanks or Underground Storage Tanks? If yes, provide details.
□ Yes ☑ No

Are there any current or historical wastewater treatment systems, clarifier/interceptor systems, or grease trap systems associated with the subject property? If yes, provide details.
☐ Yes ☑ No

Are you aware of the existence or location of the following documents related to the subject property, and if yes, can copies be made available for review by the Environmental Professional?

- ☐ Previous Environmental Site Assessment reports or Investigation reports
- ☐ Environmental Permits
- ☐ Registrations for underground storage tanks (USTs)
- ☐ Spill Prevention Containment and Contingency Plans (SPCC)
- ☐ Stormwater Pollution Prevention Plans (SWPPP) In floodway?
- ☐ Risk Assessments
- ☐ Hydrogeologic Reports related to the property or surrounding area
- ☐ Notices of Violation from governmental agencies regarding past or current violations of environmental laws or related to environmental liens encumbering the property
- ☐ Hazardous waste manifests or generation reports
- ☐ Recorded land and activity use limitations
- ☐ Geotechnical Studies

Eric Kleinbub
(Name- Authorized User Representative)

One Tree Hill
(Company/Title)

(Signature)

5/4/21
(Date)

Appendix G

References

REFERENCES

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E 1527-13.

American Society for Testing and Materials, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, ASTM Designation: E 2600-15

Environmental Data Resources, Inc., Milford, Connecticut, The EDR Aerial Photo Decade Package, Inquiry No. 6480216, May 2021.

Environmental Data Resources, Inc., Milford, Connecticut, Certified Sanborn Map Report, Inquiry No. 6480216.3, May 2021.

Environmental Data Resources, Inc., Milford, Connecticut, The EDR Historical Topographic Map Report, Inquiry No 6480216.4, May 2021.

Environmental Data Resources, Inc., Milford, Connecticut, The EDR Radius Map with Geocheck Report, Inquiry No. 6480216.2s, May 2021.

Environmental Data Resources, Inc., Milford, Connecticut, The EDR Environmental Lien and AUL Search, Inquiry No. 6480216.7.1, May 2021.

Environmental Data Resources, Inc., Milford, Connecticut, The EDR City Directory Image Report, Inquiry No. 6480216.5, May 2021.

State Water Resources Control Board, GeoTracker Online Database, Retrieved from http://geotracker.swrcb.ca.gov/, May 2021.

Appendix D

Joshua Tree Creek San Bernardino County, CA
Letter of Map Revision January 2021,
prepared by

NV5

and approval documents by

Federal Emergency Management Agency,

March 21, 2023

Federal Emergency Management Agency

Washington, D.C. 20472

March 21, 2023

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Dawn Rowe
Chair, Board of Supervisors
San Bernardino County
385 North Arrowhead Avenue
San Bernardino, CA 92415

IN REPLY REFER TO:
Case No.: 21-09-0621P
Community Name: San Bernardino County, CA
Community No.: 060270
Effective Date of
This Revision: **August 2, 2023**

Dear Chair Rowe:

The Flood Insurance Rate Map for your community has been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panel(s) revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed which provide information regarding this LOMR. Please see the List of Enclosures below to determine which documents are included. Other attachments specific to this request may be included as referenced in the Determination Document. If you have any questions regarding floodplain management regulations for your community or the National Flood Insurance Program (NFIP) in general, please contact the Consultation Coordination Officer for your community. If you have any technical questions regarding this LOMR, please contact the Director, Mitigation Division of the Department of Homeland Security's Federal Emergency Management Agency (FEMA) in Oakland, California, at (510) 627-7211, or the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our website at https://www.fema.gov/flood-insurance.

Sincerely,

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

List of Enclosures:

Letter of Map Revision Determination Document
Annotated Flood Insurance Rate Map
Annotated Flood Insurance Study Report

cc: Brendon Biggs, M.S., P.E.
Chief Flood Control Engineer
San Bernardino Flood Control District

Jennifer M. Peterson, P.E., CFM, QSD, LEED AP
Engineering Manager
NV5, Inc.

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	San Bernardino County California (Unincorporated Areas)	NO PROJECT	1D HYDRAULIC ANALYSIS BASE MAP CHANGES FLOODWAY UPDATED TOPOGRAPHIC DATA
	COMMUNITY NO.: 060270		
IDENTIFIER	Joshua Tree Creek	APPROXIMATE LATITUDE & LONGITUDE: 34.137, -116.317 SOURCE: USGS QUADRANGLE DATUM: NAD 83	

ANNOTATED MAPPING ENCLOSURES	ANNOTATED STUDY ENCLOSURES
TYPE: FIRM* NO.: 06071C8140J DATE: September 2, 2016 TYPE: FIRM* NO.: 06071C8145J DATE: September 2, 2016	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: September 2, 2016 PROFILE(S): 76P, 77P FLOODWAY DATA TABLE: 11

Enclosures reflect changes to flooding sources affected by this revision.
* FIRM - Flood Insurance Rate Map

FLOODING SOURCE(S) & REVISED REACH(ES) See Page 2 for Additional Flooding Sources

Joshua Tree Creek - From approximately 380 feet upstream of Valley View Street to just upstream of Twentynine Palms Highway.

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Joshua Tree Creek	BFEs*	BFEs	YES	YES
	Floodway	Floodway	YES	YES
	Zone AE	Zone AE	YES	YES
	Zone X (shaded)	Zone X (shaded)	YES	YES

* BFEs - Base Flood Elevations

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at https://www.fema.gov/flood-insurance.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

OTHER FLOODING SOURCES AFFECTED BY THIS REVISION

FLOODING SOURCE(S) & REVISED REACH(ES)

Joshua Tree Creek - From approximately 380 feet upstream of Valley View Street to just upstream of Twentynine Palms Highway.

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Joshua Tree Creek	Zone AE	Floodway	YES	NONE
	Zone AE	Zone X (shaded)	YES	NONE

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at https://www.fema.gov/flood-insurance.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance flood discharges computed in the FIS for your community without considering subsequent changes in watershed characteristics that could increase flood discharges. Future development of projects upstream could cause increased flood discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on flood discharges subsequent to the publication of the FIS report for your community and could, therefore, establish greater flood hazards in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at https://www.fema.gov/flood-insurance.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Kathryn Lipiecki
Director, Mitigation Division
Federal Emergency Management Agency, Region IX
1111 Broadway, Suite 1200
Oakland, CA 94607-4052
(510) 627-7211

STATUS OF THE COMMUNITY NFIP MAPS

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panel(s) and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at https://www.fema.gov/flood-insurance.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

A notice of changes will be published in the *Federal Register*. This information also will be published in your local newspaper on or about the dates listed below, and through FEMA's Flood Hazard Mapping website at https://www.floodmaps.fema.gov/fhm/bfe_status/bfe_main.asp

LOCAL NEWSPAPER

Name: *The San Bernardino Sun*
Dates: March 28, 2023 and April 4, 2023

Within 90 days of the second publication in the local newspaper, any interested party may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised flood hazard determination presented in this LOMR may be changed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at https://www.fema.gov/flood-insurance.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Joshua Tree Creek								
A	2,070[1]	570	2,060	9.7	2,603.0	2,603.0	2,603.9	0.9
B	5,970[1]	151	307	8.1	2,657.2	2,657.2	2,657.2	0.0
C	8,490[1]	80	250	10.0	2,690.1	2,690.1	2,690.1	0.0
D	9,075[1]	80	340	6.5	2,697.1	2,697.1	2,698.1	1.0
E	10,157[1]	165	483	4.6	2,706.9	2,706.9	2,707.6	0.7
F	11,403[1]	149	294	7.5	2,718.8	2,718.8	2,719.3	0.5
G	12,115[1]	292	366	6.0	2,728.8	2,728.8	2,729.1	0.3
H	13,237[1]	183	302	7.3	2,752.9	2,752.9	2,753.1	0.2
I	14,090[1]	55	238	9.2	2,768.6	2,768.6	2,769.4	0.8
Kuffel Canyon Creek								
A	0[2]	40	106	4.7	5,117.5	5,117.5	5,118.5	1.0
B	660[2]	10	69	6.6	5,142.7	5,142.7	5,143.7	1.0
C	1,056[2]	5	32	11.2	5,178.6	5,178.6	5,179.6	1.0
Middle Fork Lytle Creek								
A	470[3]	287	1,472	13.6	2,915.7	2,915.7	2,915.9	0.2
B	1,825[3]	230	1,596	12.5	2,979.7	2,979.7	2,980.7	1.0
C	3,400[3]	159	711	11.7	3,056.7	3,056.7	3,057.5	0.8
D	4,900[3]	125	675	12.3	3,150.8	3,150.8	3,151.8	1.0

REVISED DATA

[1]Feet above confluence with Yucca Creek

[2]Feet above Lake Arrowhead

[3]Feet above confluence with South Fork Lytle Creek

TABLE 11

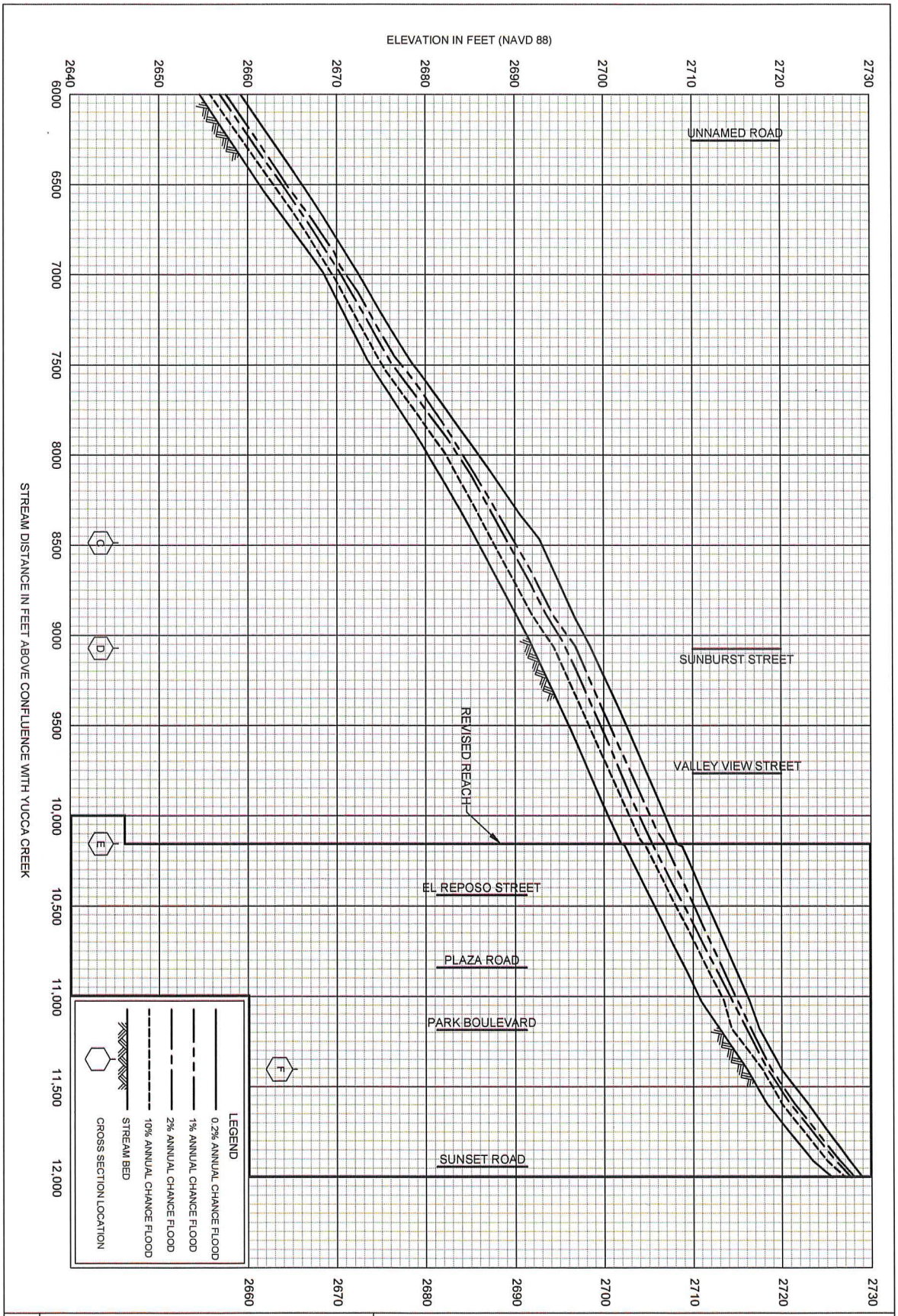
FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA AND INCORPORATED AREAS

FLOODWAY DATA

REVISED TO REFLECT LOMR EFFECTIVE: August 2, 2023

JOSHUA TREE CREEK - KUFFEL CANYON CREEK - MIDDLE FORK LYTLE CREEK



76P

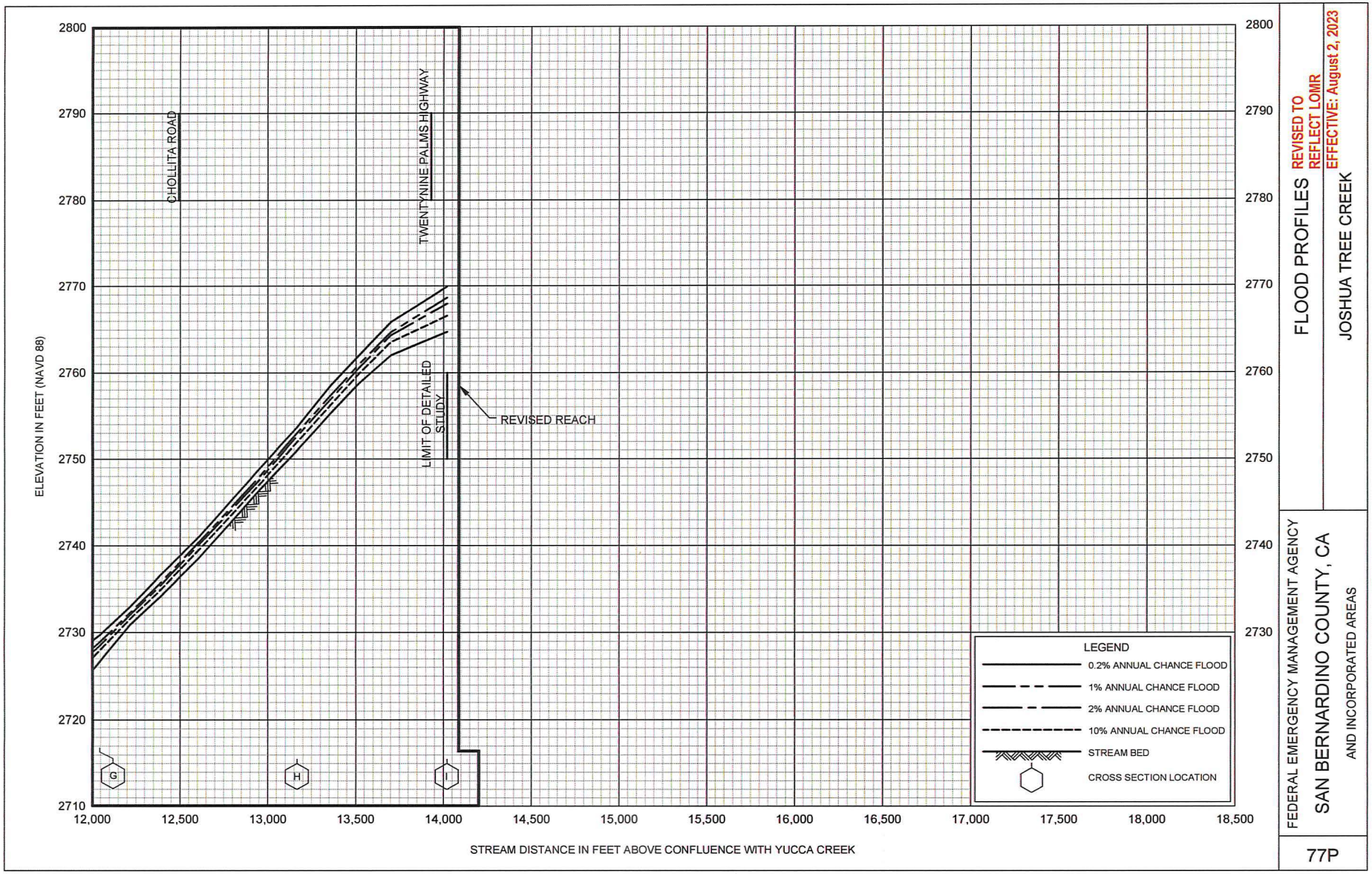
FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA

AND INCORPORATED AREAS

FLOOD PROFILES REVISED TO REFLECT LOMR EFFECTIVE: August 2, 2023

JOSHUA TREE CREEK



FLOOD PROFILES

REVISED TO REFLECT LOMR
EFFECTIVE: August 2, 2023

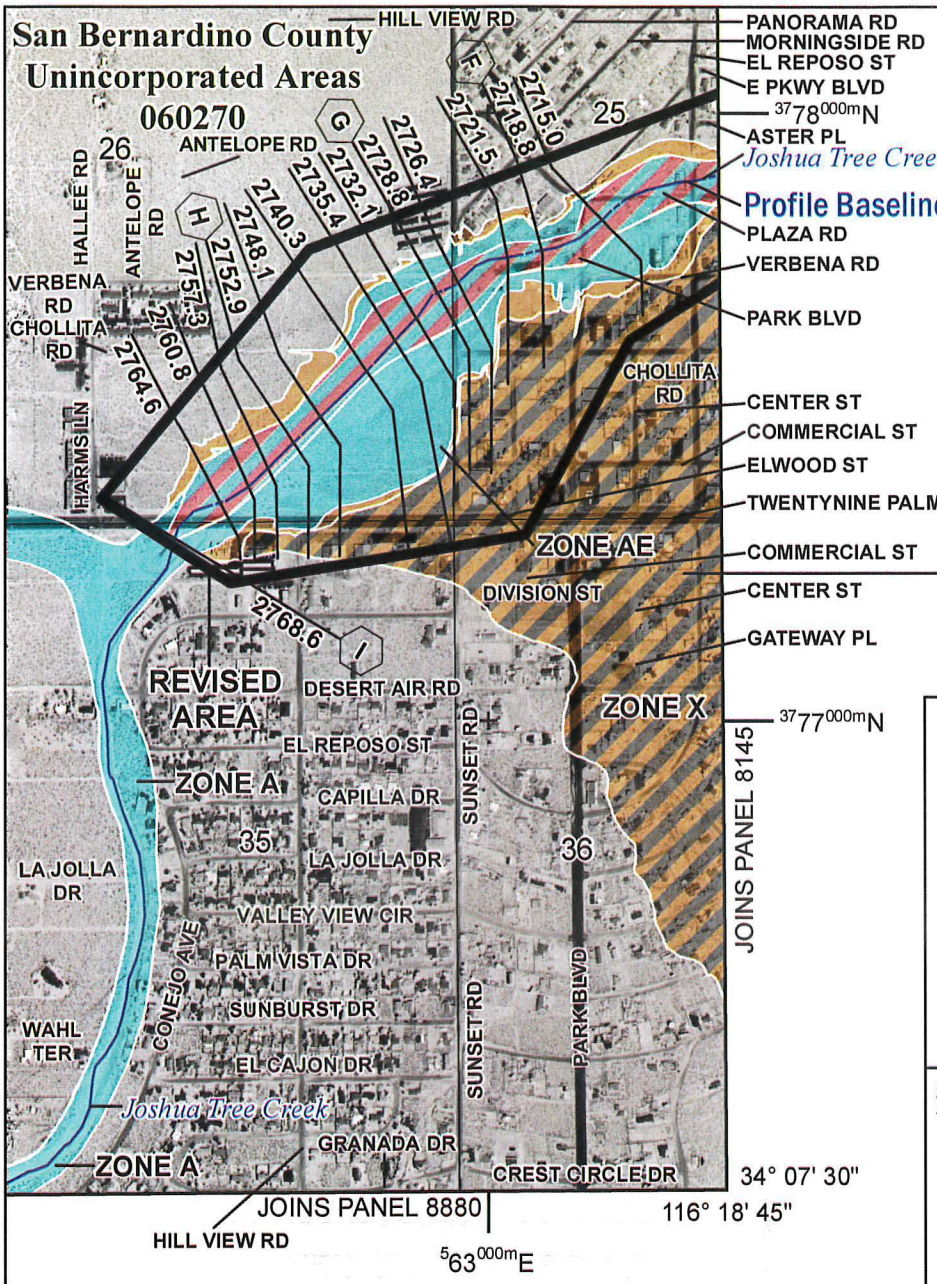
JOSHUA TREE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

SAN BERNARDINO COUNTY, CA

AND INCORPORATED AREAS

77P



Note: This area is shown as reduced flood hazard from the 1-percent-annual-chance or greater flood by a levee system. Overtopping or failure of any levee system is possible. For additional information see the "Accredited Levee System Note" in Notes to Users.

SPECIAL FLOOD HAZARD AREAS	Without Base Flood Elevation (BFE) Zone A, V, A99
	With BFE or Depth Zone AE, AO, AH, VE, AR
	Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD	0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
	Future Conditions 1% Annual Chance Flood Hazard Zone X
	Area with Reduced Flood Risk due to Levee See Notes. Zone X
OTHER AREAS	Area of Undetermined Flood Hazard Zone D

SCALE

Map Projection:
NAD 1983 UTM Zone 11N.
Western Hemisphere; Vertical Datum: NAVD 88

1 inch = 1,000 feet 1:12,000

0 500 1,000 2,000 Feet

0 150 300 600 Meters

NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN TOWNSHIP 1 NORTH, RANGE 6 EAST.

FEMA

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

SAN BERNARDINO COUNTY, CALIFORNIA
and Incorporated Areas

PANEL 8140 OF 9400

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SAN BERNARDINO COUNTY	060270	8140	J
YUCCA VALLEY, TOWN OF	060750	8140	J

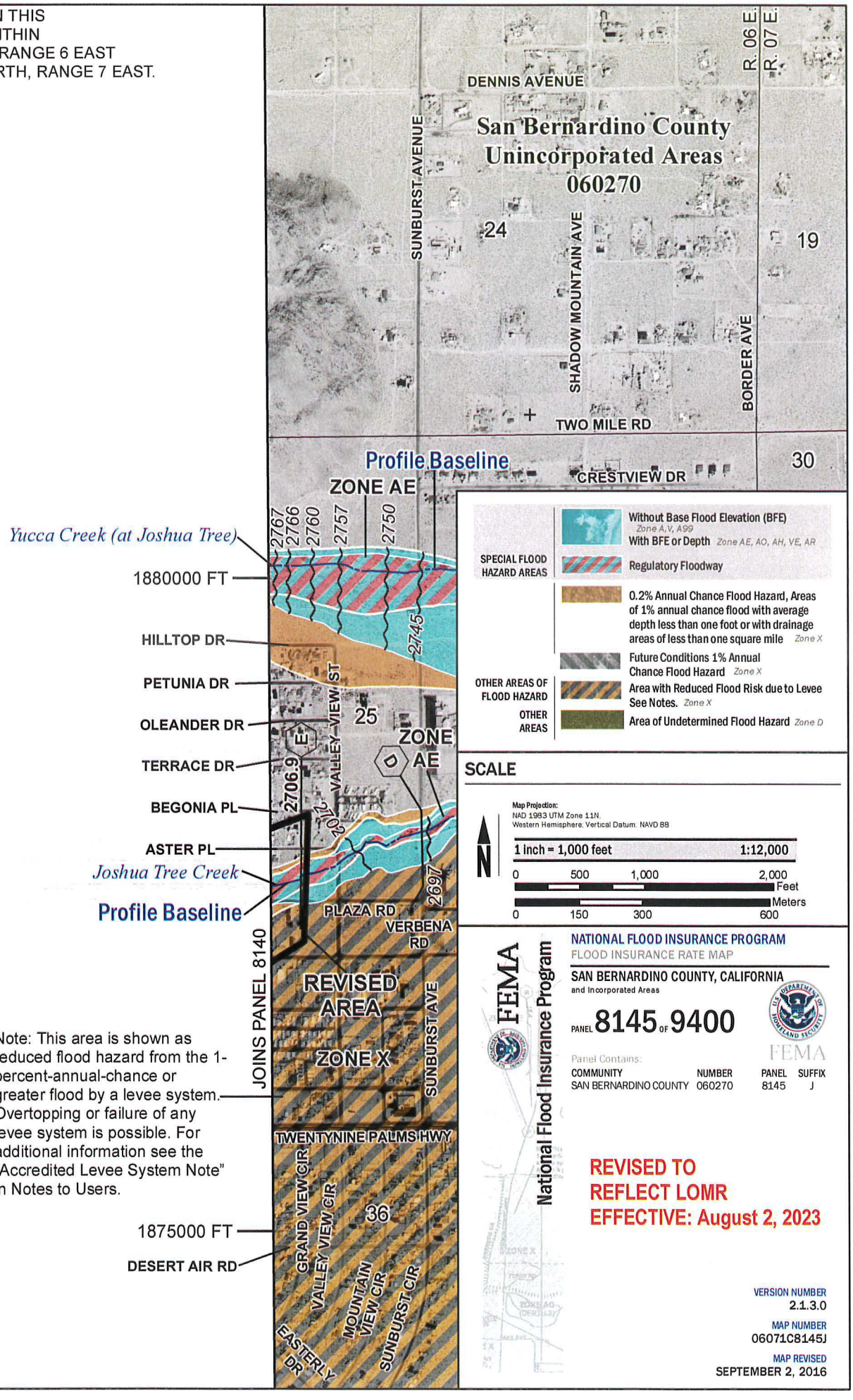
REVISED TO REFLECT LOMR EFFECTIVE: August 2, 2023

VERSION NUMBER
2.1.3.0

MAP NUMBER
06071C8140J

MAP REVISED
SEPTEMBER 2, 2016

MAP AREA SHOWN ON THIS
PANEL IS LOCATED WITHIN
TOWNSHIP 1 NORTH, RANGE 6 EAST
AND TOWNSHIP 1 NORTH, RANGE 7 EAST.



Note: This area is shown as reduced flood hazard from the 1-percent-annual-chance or greater flood by a levee system. Overtopping or failure of any levee system is possible. For additional information see the "Accredited Levee System Note" in Notes to Users.

FEMA

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
SAN BERNARDINO COUNTY, CALIFORNIA
and Incorporated Areas

PANEL 8145 OF 9400

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
SAN BERNARDINO COUNTY	060270	8145	J

REVISED TO REFLECT LOMR EFFECTIVE: August 2, 2023

VERSION NUMBER
2.1.3.0

MAP NUMBER
06071C8145J

MAP REVISED
SEPTEMBER 2, 2016