

Appendix 5.14A
Phase 1 Environmental Site Assessment



**PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
HIDDEN HILLS SOLAR FACILITY
OLD SPANISH TRAIL HIGHWAY AND
GOLD STREET
INYO COUNTY, CALIFORNIA**

PREPARED FOR:
BrightSource Energy
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Oakland, California 94612

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July 5, 2011
Project No. 303200002

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Mr. Clay Jensen
BrightSource Energy
1999 Harrison Street, Suite 2150
Oakland, California 94612

Subject: Phase I Environmental Site Assessment Report
Hidden Hills Solar Facility
Old Spanish Trail Highway and Gold Street
Inyo County, California

Dear Mr. Jensen:

In accordance with your authorization, dated May 13, 2011, Ninyo & Moore has prepared this Phase I Environmental Site Assessment of the above-referenced site. The attached report presents our methodology, findings, opinions, and conclusions regarding the environmental conditions at the site. We appreciate the opportunity to be of service to you on this project.

Sincerely,
NINYO & MOORE



Randy S. Kyes
Project Environmental Scientist

RK/APR/ltk

Distribution: (2) Addressee (1 hard copy, 1 via e-mail)



Albert Ridley, CEG
Principal Geologist



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EXECUTIVE SUMMARY

Ninyo & Moore was retained by BrightSource Energy to perform a Phase I Environmental Site Assessment (ESA) of approximately 3,900 acres, comprised of 172 undeveloped parcels of land, known as the proposed Hidden Hills Solar Facility, and located at the northwest corner of the intersection of the Old Spanish Trail Highway and Gold Street in Inyo County, California. Historical research, document review, and site assessment activities were conducted during the weeks of May 13, 20, and 27, 2011.

In summary, the following items were noted:

- The subject site consists of 172 undeveloped parcels of land totaling approximately 3,900 acres in area, and located at the northwest corner of the intersection of Old Spanish Trail Highway and Gold Street in Inyo County, California. The subject site parcels are being developed as part of the proposed Hidden Hills Solar Facility.
- Based on a review of historical sources the parcels constituting the subject site have not previously been developed, with the exception of a small portion of the subject property that was formerly utilized as an orchard.
- Six groundwater wells were identified during the site reconnaissance. Four of the wells were observed on the southern boundary of the site, along the Old Spanish Trail Highway. The remaining two wells are located on the northeast portion of the subject site. Five of the wells have no downhole pumps installed, with four of these wells open to the surface with no permanent well cap. The remaining well, located in the former orchard area, and designated Orchard Well on Figure 4, has a downhole, submersible pump.
- Historical debris/trash piles were observed on the north-central portion of the subject site. In addition to the trash piles, small quantities (a few cubic yards) of general solid waste was observed across the subject site, primarily along the Old Spanish Trail Highway. Irrigation piping debris were also noted in the former orchard area.
- No drums, unidentified substance containers, or other evidence of the storage or disposal of hazardous substances or petroleum products were observed on the subject site.
- Two, approximately 4,000 gallon each, aboveground storage tanks (ASTs), labeled 'fire water' are located on the southern boundary of the subject site, to the east of the abandoned orchard. These ASTs appear to be abandoned and non-usable. No evidence of additional ASTs or underground storage tanks (USTs) (i.e., fill pipes, vent pipes, and emergency power generators) were observed on the subject site.

- Review of environmental databases indicated that there are no facilities located on the subject site and/or in the vicinity of the subject site that have handled hazardous materials or petroleum products and/or have been listed as having reported releases of hazardous materials or petroleum products.

We have performed a Phase I ESA, in conformance with the scope and limitations of the American International (ASTM) Practice E 1527-05, for the subject property Hidden Hills Ranch parcels in Inyo County, California. Any exceptions to or deletions from this practice are described in Section 1.5 of this report. This assessment has revealed no evidence of recognized environmental conditions, as defined in Section 1.1 of this report.

The following conditions were noted as non-ASTM 1527-05 additional issues:

- Historical debris/trash piles were observed on the subject site. Ninyo & Moore recommends removal and disposal of solid waste in accordance with applicable federal and state regulations.
- Ninyo & Moore recommends that groundwater wells, which are not to be used for monitoring purposes and/or production, be abandoned in accordance with applicable federal and state regulations. Wells that are to be used for monitoring purposes, but which do not have a permanent, sealed wellhead, should have a proper wellhead installed to minimize potential contamination pathways.

1. INTRODUCTION

Ninyo & Moore was retained by BrightSource Energy to perform a Phase I Environmental Site Assessment (ESA) of approximately 3,900 acres, comprised of 172 undeveloped parcels of land, known as the proposed Hidden Hills Solar Facility, and located at the northwest corner of the intersection of the Old Spanish Trail Highway and Gold Street in Inyo County, California (hereinafter referred to as the site, subject site, or subject property). The following sections discuss the purpose, the involved parties, the scope of work, and the limitations and exceptions associated with the Phase I ESA.

1.1. Purpose

In accordance with the American International (ASTM), formerly the American Society for Testing and Materials, Standards on Environmental Site Assessments for Commercial Real Estate E 1527-05, and the Environmental Protection Agency (EPA) proposed rule for All Appropriate Inquiry (AAI) standards as set forth in Title 40 of Code of Federal Regulations (CFR) Section 312.10, the objective of the due diligence Phase I ESA was to identify recognized environmental conditions (RECs), which are defined by ASTM as “the presence or likely presence of any hazardous substance or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property.” The work was also conducted in general accordance with EPA’s AAI standards, whose objective was to identify conditions indicative of releases and threatened releases of hazardous substances on, at, in, or to the site.

1.2. Involved Parties

Mr. Randy S. Kyes, of Ninyo & Moore, conducted the site reconnaissance on May 18, 2011, and performed regulatory inquiries. Mr. Albert P. Ridley, of Ninyo & Moore, performed project oversight and quality review. This Phase I ESA was conducted either by and/or under the

supervision of an environmental professional as set forth in 40 CFR, Chapter I, Subchapter J, Part 312.10(b) (40 CFR §312.10[b]).

1.3. Detailed Scope of Services

Ninyo & Moore's scope of services for this Phase I ESA included the following:

- Performance of a site reconnaissance to visually and/or physically observe the interior and exterior of structures and other features on the subject site as well as visible exterior features of adjoining properties to identify areas of possibly contaminated surficial soil or surface water, improperly stored hazardous materials, possible sources of polychlorinated biphenyls (PCBs), and possible risks of contamination from activities at the site and adjoining properties.
- Review of reasonably ascertainable standard environmental record sources including federal, state, and tribal regulatory agency databases for the site and for properties located within a specified radius of the site. The purpose of this review was to evaluate possible environmental impacts to the subject site and vicinity activities. These databases list locations of known hazardous waste sites, landfills, and leaking underground storage tanks (USTs), permitted facilities that utilize USTs, and facilities that use, store, or dispose of hazardous materials and/or petroleum products.
- Review of reasonably ascertainable additional environmental record sources including local records and/or additional state or tribal records for the site and for properties located within a specified radius of the site. The purpose of this review was to evaluate possible environmental impacts to the subject site and vicinity activities. These databases list locations of known hazardous waste sites, solid waste landfills, registered storage tanks, emergency releases, contaminated public wells, facilities that use, store, or dispose of hazardous materials and/or petroleum products, public utility records, and building permits.
- Review of reasonably ascertainable standard physical setting sources including a current United States Geological Survey (USGS) 7.5-minute topographic map, and possibly including USGS and/or state groundwater and geology maps, and Soil Conservation Service soil maps. The purpose of this review was to note information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of the subject site and vicinity.
- Review of reasonably ascertainable historical documents, including aerial photographs, historical fire insurance rate maps, city directories, and property tax files. The purpose of this review was to note any obvious uses of the subject site from the present, back to the subject site's first developed use, or back to 1940, whichever is earlier.

- Performance of interviews with present owners, operators, and occupants of the subject site as well as other knowledgeable parties as appropriate. The purpose of these interviews was to attempt to obtain information relevant to the uses and conditions of the subject site.
- Preparation of this Phase I ESA report documenting methodology; reporting findings, significant data gaps, and conclusions; and providing opinions of the impact on the subject site of conditions noted in the findings section regarding RECs at the subject site.

Information collected in the course of this Phase I ESA was used without extraordinary verification. This study did not include an evaluation of geotechnical conditions or potential geologic hazards. In addition, unless otherwise indicated in Section 8 of this report, this Phase I ESA does not include analysis of the following: asbestos-containing material (ACM), methane gas, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality including vapor intrusion, or high-voltage power lines.

1.4. Significant Assumptions

No significant assumptions are included in this Phase I ESA.

1.5. Limitations and Exceptions

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. Please note that this study did not include an evaluation of geotechnical conditions or potential geologic hazards.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo &

Moore should be contacted if the reader requires any additional information or has questions regarding the content, interpretations presented, or completeness of this document.

Our conclusions, recommendations, and opinions are based on an analysis of the observed site conditions and the referenced literature. It should be understood that the conditions of a site could change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control.

This report is intended exclusively for use by the client. Any use or reuse of the findings, conclusions, and/or recommendations of this report by parties other than the client is undertaken at said parties' sole risk.

1.6. Special Terms and Conditions

No special terms and conditions were associated with the subject site.

1.7. User Reliance

This report may be relied upon by, and is intended exclusively for, BrightSource Energy (client or user). Any use or reuse of the findings, opinions, and/or conclusions of this report by parties other than the client is undertaken at said parties' sole risk.

2. SITE DESCRIPTION

2.1. Location

The subject site comprises approximately 3,900 acres located at the northwest corner of the intersection of the Old Spanish Trail Highway and Gold Street in Inyo County, California. The subject parcels are located in Sections 15, 16, 21, 22, 23, 26, 27, and 28, Township 22 North, Range 10 East, San Bernardino Baseline and Meridian, Inyo County, Nevada. The

subject parcels have no assigned addresses. A table of subject site parcels is provided in Appendix B-1.

A site location map is presented on Figure 1. A site map with additional information concerning the site and surrounding properties is presented on Figure 2. Select photographs taken during the site reconnaissance visits are included in Appendix A.

2.2. Site and Vicinity General Characteristics

The area in the general vicinity of, and including, the subject site consists primarily of undeveloped land and residential ranch properties.

2.3. Current Use of the Property

The site is currently undeveloped, vacant land.

2.4. Description of Structures, Roads, Other Improvements on the Site

The following paragraphs present descriptions of any structures, roads, and other improvements on the subject site (including heating/cooling, sewage disposal, and potable water systems).

2.4.1. Site Structures

The site is undeveloped land with sparse to moderate vegetation.

2.4.2. Roads

The site is bordered by the paved Old Spanish Trail Highway to the south, unpaved Quartz Street and Gold Street to the west and east, respectively, and the California-Nevada border to the north. An unpaved road generally extends along the border in this area. Numerous unpaved roads also extend in a roughly north-south and east-west grid pattern across the site.

2.4.3. Other Site Improvements

During the site reconnaissance, a fenced weather station compound was observed on the west-central portion of the subject site. In addition, an abandoned orchard is located on the south-central margin of the subject site along the Old Spanish Trail Highway. No other observable improvements were noted on the subject site.

2.4.4. Heating and Cooling Systems

The subject site has no structures and there are no heating and cooling systems on the site.

2.4.5. Sewage Disposal

The subject site has no structures and is not connected to a municipal sewage disposal system.

2.4.6. Potable Water

The subject site has no structures and is not connected to a municipal water distribution network.

2.5. Current Uses of the Adjoining Properties

The site is bordered to the south by the Old Spanish Trail Highway, across which are generally undeveloped parcels of privately-owned land, with some residential ranch type property development; to the west by unpaved Quartz Street, across which are undeveloped parcels of land owned by the Bureau of Land Management and private individuals, to the north by the California-Nevada border, along which an unpaved road extends, and across which are undeveloped parcels of land; and to the east by Gold Street, across which are undeveloped parcels of land and a small, graded property with numerous single-wide type trailers located approximately 1 mile north of the Old Spanish Trail Highway, on Gold Street.

No information was found to suggest that the current uses of adjoining properties involve the use, treatment, storage, disposal or generation of hazardous substances or petroleum products that may represent an environmental concern to the subject site at this time.

3. USER PROVIDED INFORMATION

3.1. Title Records

A title record was not provided by the client for purposes of this assessment.

3.2. Environmental Liens or Activity and Use Limitations

The client requested that Ninyo & Moore conduct an environmental lien search to fulfill the user's responsibilities with regard to review of environmental liens as described in Section 6.2 of ASTM International Practice E 1527-05. An environmental lien search was performed by Texas Environmental Research (TER). The TER Environmental Lien Search Reports, did not document any environmental liens or activity and use limitations (AULs) associated with the subject parcels. A copy of the environmental lien search is provided as Appendix B-2.

3.3. Specialized Knowledge

Mr. Clay Jensen, the client contact representative, provided site location and background information. No specialized knowledge regarding the site was discussed with Mr. Jensen during interviews or noted during file reviews for the subject site.

3.4. Commonly Known or Reasonably Ascertainable Information

No commonly known or reasonably ascertainable information within the community material to RECs pertaining to the subject site was noted by Ninyo & Moore or communicated to us in writing, in person, or during telephone conversations in the course of this assessment.

3.5. Valuation Reduction for Environmental Issues

In a transaction involving the purchase of a parcel of commercial real estate, the user shall consider the relationship of the sales price of the property to the fair market value of the property if the property is not affected by hazardous substances or petroleum products. Mr. Jensen, client representative, communicated to Ninyo & Moore that BrightSource Energy would be leasing the parcels, which comprise the subject site as part of a long-term agreement with the property owners.

3.6. Owner, Property Manager, and Occupant Information

A table of current subject parcel owners, including parcel numbers, owner name, and owner address, is provided in Appendix B-1. The subject site is unoccupied.

3.7. Reason for Performing Phase I

The client did not indicate the reason for performance of the Phase I ESA to Ninyo & Moore. Therefore, Ninyo & Moore assumes that the Phase I ESA was performed in order to qualify for the landowner liability protections pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

3.8. Other

A Preliminary Geotechnical Evaluation Report, prepared by Ninyo & Moore, and dated February 17, 2011, was reviewed. The report discussed four groundwater wells which were found on the subject site along with geotechnical information including subsurface exploration at the subject site.

An Orchard Well Groundwater Sampling letter, prepared by Ninyo & Moore, and dated March 31, 2011, was reviewed. The Orchard Well, located in the abandoned orchard area along the southern margin of the site, was sampled following installation of a new down-hole, submersible pump. No groundwater contaminants of concern were noted.

4. RECORDS REVIEW

4.1. Standard Environmental Record Sources

A computerized environmental information database search was performed by *Environmental FirstSearch™* (*FirstSearch™*) and dated May 13, 2011. The *FirstSearch™* report included federal, state, and local databases. A summary of the environmental databases searched, their corresponding search radii, and number of noted sites of environmental concern, is presented in Table 1. In addition, the *FirstSearch™* report and a description of the assumptions and approaches to the database search are presented in Appendix C-1.

Table 1 – Summary of Environmental Database Search

Database Name	Agency	Search Radius (miles)	Sites Listed
Federal Records			
National Priority List (NPL)	USEPA	1.00	0
NPL Delisted	USEPA	0.50	0
Sites currently or formerly under review by US EPA (CERCLIS)	USEPA	0.50	0
No Further Remedial Activities Planned (NFRAP)	USEPA	0.50	0
RCRA Corrective Action w/o TSD (CORRACTS)	USEPA	1.00	0
RCRA Treatment, Storage, and Disposal (TSD) Facilities	USEPA	0.50	0
RCRA Large/Small Quantity Generators List (LQ/SQ-GEN)	USEPA	0.25	0
RCRA NLR	USEPA	0.12	0
Federal Engineering and Institutional Controls (IC/EC)	USEPA	0.25	0
Emergency Response Notification System (ERNS) List	NRC	0.12	0
State and Local Records			
State Sites	CAEPA/NDEP	1.00	0
State Spills 90	CAEPA	0.12	
Permitted as solid waste landfills, incinerators, or transfer stations (SWL)	IWMB/NDEP	0.50	0
Leaking Underground Storage Tank (LUST) Lists	SWRCB/NDEP	0.50	0
Registered UST/Aboveground Storage Tank (AST) List	CAEPA/NDEP	0.25	0
State Engineering and Institutional Controls (IC/EC)	CAEPA	0.25	0
Voluntary Cleanup Program Sites (VCP)	CAEPA/NDEP	0.50	0
Project Tracking Database State (Brownfields)	NDEP	0.50	0
State Permits	CAEPA	0.12	0
State Other	CAEPA	0.25	0
HW Manifest	CAEPA	0.12	0

Table 1 – Summary of Environmental Database Search

Database Name	Agency	Search Radius (miles)	Sites Listed
Tribal Records			
Tribal Lands	BIA	1.00	0
Indian LUST	CAEPA /NDEP	0.50	0
Indian UST/AST	USEPA Region 9	0.25	0
BIA - Bureau of Indian Affairs CAEPA - California Environmental Protection Agency IWMB - Integrated Waste Management Board (California) NDEP - Nevada Division of Environmental Protection NRC - National Response Center SWRCB - State Water Resources Control Board (California) USEPA - United States Environmental Protection Agency			

The review was conducted to evaluate whether or not the subject site or properties within the vicinity of the subject site have been listed as having experienced significant unauthorized releases of hazardous substances or other events with potentially adverse environmental effects.

The following paragraphs describe the databases that were searched for properties of environmental concern, and include a discussion of the regulatory status of the facilities and potential environmental impact to the subject site (if applicable). The groundwater gradient information provided indicates whether the individual facility is assumed to be upgradient, downgradient, or crossgradient from the subject site in terms of groundwater flow.

United States Environmental Protection Agency, National Priorities List (NPL)

This list identifies hazardous material sites slated for cleanup under the federally sponsored Superfund program. These sites receive remedial funding under CERCLA. No facilities were listed within a 1-mile radius of the subject site.

United States Environmental Protection Agency, Delisted NPL

This list identifies hazardous material sites deleted from the NPL. The National Oil and Hazardous Substances Pollution Contingency Plan establishes the criteria that USEPA 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. No facilities were listed within a 0.5-mile radius of the subject site.

United States Environmental Protection Agency, CERCLIS List

This list identifies hazardous material sites or environmental incidents recognized and listed on the federal level. Facilities identified by the United States Environmental Protection Agency (USEPA), which may have the potential for releasing hazardous substances into the environment, are listed in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) database. No facilities were listed within a 0.5-mile radius of the subject site.

United States Environmental Protection Agency, NFRAP List

This archive list identifies, to the best of USEPA's knowledge, facilities where assessment has been completed and EPA has determined no further steps will be taken to list this facility on the NPL. This decision does not necessarily mean that there is no hazard associated with the facility; it merely means that, based upon available information, the location is not judged a potential NPL site. No facilities were listed within a 0.5-mile radius of the subject site.

United States Environmental Protection Agency, CORRACTS List

This list identifies Resource Conservation and Recovery Act (RCRA) facilities that are undergoing "corrective action." A "corrective action order" is issued pursuant to RCRA when there has been a release of hazardous waste into the environment from a RCRA facility. No facilities were listed within a 1-mile radius of the subject site.

United States Environmental Protection Agency, RCRA TSD List

This list identifies USEPA-listed facilities that report storage, treatment, and/or disposal of hazardous waste (i.e., TSD facility) under the USEPA RCRA program. No facilities were listed within a 0.5-mile radius of the subject site.

United States Environmental Protection Agency, RCRA Large-Quantity and Small-Quantity Generator (GEN)

This database identifies USEPA-listed facilities that report generation of reportable quantities of hazardous waste under the RCRA program for the identification and tracking of

hazardous waste. The list consists of properties that generate more than 1,000 kilograms (kg) of hazardous waste per month (large quantity generators) and properties that generate less than 1,000 kg of hazardous waste per month (small quantity generators), and is not necessarily indicative of facilities where a release of hazardous substances has occurred. No facilities were listed within a 0.25-mile radius of the subject site.

United States Environmental Protection Agency – RCRA No Longer Regulated (NLR)

This database identifies facilities that are not currently classified by USEPA but are still included in the RCRAInfo database. Reasons for non-classification may include failure to report in a timely manner, the facility is no longer in business, the facility is no longer in business at the listed address, or the facility no longer generates hazardous materials in quantities requiring reporting. No facilities were listed within a 0.12-mile radius of the subject site.

United States Environmental Protection Agency – US Engineering Controls

A listing of facilities 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. The subject site was not listed on this database.

United States Environmental Protection Agency – US Institutional Controls

A listing of facilities 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. The subject site was not listed on this database.

United States Environmental Protection Agency – Emergency Response Notification System (ERNS)

The ERNS is a national database used to collect information on reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities, including the USEPA, the United States Coast Guard, the National Response

Center, and the Department of Transportation (DOT). The subject site was not listed on this database.

California Environmental Protection Agency, Cal Sites/Nevada Department of Conservation and Natural Resources, Corrective Action Cases (State Sites)

The California Environmental Protection Agency, Department of Toxic Substances Control and the Nevada Department of Conservation and Natural Resources, Bureau of Corrective Actions maintain lists of cleanup evaluations and actions regarding sites with actual or potential contamination that could affect groundwater and/or pose a threat to public health. The subject site was not listed on this database. No facilities were listed within a 1-mile radius of the subject site.

California Environmental Protection Agency, State Spills 90 (State Spills 90)

The California Environmental Protection Agency, Regional Water Quality Control Boards maintains a report of sites that have records of spills, leaks, investigation, and cleanup. The subject site was not listed on this database. No facilities were listed within a 0.12-mile radius of the subject site.

California Integrated Waste Management Board/Nevada Department of Conservation and Natural Resources, Solid Waste Landfill (SWL) List

The California Integrated Waste Management Board and the Nevada Department of Conservation and Natural Resources maintain lists of facilities including active solid waste disposal sites, inactive or closed solid waste disposal sites, and transfer facilities. No facilities were listed within a 0.5-mile radius of the subject site.

California State Water Resources Control Board/Nevada Department of Conservation and Natural Resources, Leaking Underground Storage Tank (LUST) List

The LUST Information System is maintained by the State Water Resources Control Board in California and the Nevada Department of Conservation and Natural Resources for Nevada. It includes sites with tanks under investigation, for potential leaks, confirmed leaks, and those to be closed. No facilities were listed within a 0.5-mile radius of the subject site.

California Environmental Protection Agency/Nevada Department of Conservation and Natural Resources, Underground Storage Tank (UST) and Aboveground Storage Tank (AST) Lists

Information regarding USTs and aboveground storage tanks (ASTs) registered with the California Environmental Protection Agency and the Nevada Department of Conservation and Natural Resources is provided on the agency's UST list and AST list. The UST and AST lists consist of properties that have registered tanks, and are not necessarily indicative of sites where a release of hazardous substances has occurred. No facilities were listed within a 0.25-mile radius of the subject site.

California Environmental Protection Agency/Nevada Department of Conservation and Natural Resources - State Engineering Controls

A listing of facilities 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. The subject site was not listed on this database.

California Environmental Protection Agency/Nevada Department of Conservation and Natural Resources - State Institutional Controls

A listing of facilities 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. The subject site was not listed on this database.

California Environmental Protection Agency, Voluntary Cleanup Program Sites (VCP)

The Voluntary Cleanup Program provides relief from liability to owners who undertake cleanups of contaminated properties under the oversight of the California Environmental Protection Agency. No facilities were listed within a 0.5-mile radius of the subject site.

Nevada Department of Conservation and Natural Resources, Project Tracking Database (Brownfields)

Brownfields sites included in the Project Tracking Database. The term "Brownfields" is used to describe abandoned, idled, or underused industrial or commercial properties taken out of productive use because of real or perceived risks from environmental contamination. The

State of Nevada has initiated Brownfields, a land-recycling program, to provide an opportunity to redevelop these undesirable properties and revitalize communities. No facilities were listed within a 0.5-mile radius of the subject site.

California Environmental Protection Agency, Department of Toxic Substances Control, Envirostor List (State Other)

Information regarding unconfirmed properties referred to another local or state agency and/or properties where a no further action determination has been made. No facilities were listed within a 0.25-mile radius of the subject site.

California Environmental Protection Agency, Department of Toxic Substances Control, Hazardous Waste Manifest Inventory (HW Manifest)

Records maintained of hazardous waste manifests used to track and document the transport of hazardous water from a generator's site to the site of its final disposition. No facilities were listed within a 0.12-mile radius of the subject site.

United States Geological Survey, Indian Reservations (INDIAN RESERV)

Indian administered lands of the United States that have an area equal to or greater than 640 acres. No facilities were listed within a 1-mile radius of the subject site.

United States Environmental Protection Agency, Leaking Underground Storage Tanks on Indian land (INDIAN LUST R9)

LUSTs on Indian land in Arizona, California, New Mexico, and Nevada. No facilities were listed within a 0.5-mile radius of the subject site.

United States Environmental Protection Agency, Underground Storage Tanks on Indian land (INDIAN UST R9)

USTs on Indian land in Arizona, California, New Mexico, and Nevada. No facilities were listed within a 0.25-mile radius of the subject site.

4.2. Additional Environmental Record Sources

Ninyo & Moore reviewed California DTSC records on the online EnviroStor Database. Records including corrective action sites, state response sites, voluntary cleanup sites, and hazardous waste facility lists organized by facility number, owner information, and facility

addresses were reviewed for facilities located in the site vicinity zip code(s). No additional facilities to those listed in Section 4.1 were noted.

Ninyo & Moore reviewed NDEP records on the Bureau of Corrective Actions (BCA) Download Database. Records including UST lists organized by facility number, owner information, and facility addresses were reviewed for facilities located in the site vicinity zip code(s). In addition, the list of corrective action and LUST sites as compiled by NDEP-BCA, were reviewed for facilities located in the site vicinity zip code(s). No additional facilities to those listed in Section 4.1 were noted.

Ninyo & Moore reviewed USEPA records on the Enforcement and Compliance History Online (ECHO) Database. Records including RCRA generators were reviewed for facilities located in the site vicinity zip code. In addition, facilities with compliance violations were reviewed for the site vicinity zip code(s). No additional facilities to those listed in Section 4.1 were noted.

4.3. Physical Setting Sources

The following sections include discussions of topographic, geologic, and hydrogeologic conditions in the vicinity of the site, based upon our document review and our visual reconnaissance of the site and adjoining areas.

4.3.1. Site Topography

The USGS Calvada Springs Quadrangle, California-Nevada and Mound Spring Quadrangle, Nevada-California, 7.5-minute series topographic maps, both dated 1984 Provisional Edition; show the site with a high elevation of approximately 2,675 feet on the east side, and low elevation of approximately 2,585 feet on the west side of the property. The topography across the site is generally relatively planar to slightly undulatory, with drainage of the site toward the west. A copy of the topographic map is included in Appendix D-1.

4.3.2. Site Geology

Pahrump Valley, which contains the subject property, is located in the southern portion of the Great Basin and is part of the Basin and Range geomorphic province. Pahrump Valley is bordered by mountain ranges and adjoining valleys. Pahrump Valley is a naturally formed structural basin as a result of block faulting, a fundamental characteristic of the Basin and Range.

Mountain ranges bordering Pahrump Valley are up to approximately 11,000 feet in elevation and composed primarily of Precambrian-age and Paleozoic-age igneous and sedimentary rocks. The Nopah Range and Kingston Range border Pahrump Valley to the west and southwest, respectively, and are composed primarily of igneous rock. The Spring Mountains are composed primarily of sedimentary rock and border Pahrump Valley to the east. Stewart Valley and Mesquite Valley border Pahrump Valley to the northwest and southeast, respectively.

Thick, coalescing, Quaternary-age alluvial fan deposits, comprised primarily of coarse-grained material, generally mantle the base of mountain ranges bordering Pahrump Valley. Surficial soils in the valley generally include Quaternary-age alluvial fan, paleo-spring, lakebed, playa, stream, and eolian deposits. The lower portion of the valley generally contains fine-grained (silty and clayey) soils. Tertiary-age volcanic tuff and Tertiary-age to Pre-Cambrian-age bedrock, composed predominantly of sedimentary, igneous, and metamorphic rocks, underlie the valley sediments.

4.3.3. Site Hydrology

The following sections discuss the site hydrology in terms of both surface waters and groundwater.

4.3.3.1. Surface Waters

No natural surface water bodies, including ponds, streams, or other bodies of water, are present on the site. However, several ephemeral drainage washes, generally up to several feet wide and a few feet deep, extend across the subject site. Field obser-

vations indicate that water runoff generally drains toward the west via sheet-flow and these natural drainage channels.

4.3.3.2. Groundwater

The Pahrump Valley groundwater basin is located beneath a northwest-trending valley which is located in southeastern Inyo County, California, and southwestern Nye County, Nevada. The valley is composed of quaternary alluvium, which has a maximum thickness of at least 800 feet below grade, and is the primary water-bearing unit. The primary source of recharge for the basin is the Spring Mountains in Nevada.

Review of the California Department of Water Resources well database, USGS National Water Information System databases, and physical groundwater measurements performed by Ninyo & Moore in January 2011 at the site, indicated that the static water level may occur approximately 100 to 150 feet below grade in the vicinity of the subject property. Based on topography, groundwater flow direction in the vicinity of the subject property is believed to be toward the west.

4.4. Historical Use Information on the Property

Ninyo & Moore conducted a historical record search for the subject site. This included a review of one or more of the following resources that were found to be both reasonably ascertainable and useful for the purposes of this Phase I ESA: historical aerial photographs, historical fire insurance maps, historical topographic maps, land use records, interviews with property representatives, and reviews of prior environmental assessment reports regarding the site. The following sections summarize information obtained from the historical sources utilized for this assessment.

4.4.1. Historical Property Ownership

A title search was not included in the scope of work for this site, however, a listing of current property owners is included in Appendix B-1. No ownership entries of environmental concern were found in the record.

4.4.2. Historical Aerial Photographs

Selected historical aerial photographs dating from between 1994 and 2009 were available and reviewed for the subject site. Aerial photographs from between 1940 and 1994 were not reasonably ascertainable. However, this does not represent a significant data gap given the undeveloped state of the subject site during that period. A listing of the photographs reviewed is presented in Table 2. Table 3 summarizes notable observations from each photograph. A copy of the July 2009 aerial photograph of the subject site and vicinity is included in Appendix D-2.

Table 2 – Aerial Photographs Reviewed for the Property

Date	Photograph Identification	Scale	Source
1994	N/A	Unknown	A
1995	N/A	Unknown	A
2005	N/A	Unknown	A
2007	N/A	Unknown	A
2009	N/A	Unknown	A

Sources: A – Google Earth Pro

Table 3 – Aerial Photograph Summary for the Property

Year	Aerial Photograph Description
1994	The site is evident as generally undeveloped land. A small orchard/agricultural, and borrow pit are evident along the central, southern boundary of the site. Numerous dirt roads and trails are evident across the site, with a grid pattern of dirt roads running north-south and east-west.
1995	No significant changes from the 1994 photograph.
2005	The small orchard/agricultural field are evident as abandoned with dying vegetation visible.
2007	No significant changes from the 2005 photograph.
2009	No significant changes from the 2007 photograph.

4.4.3. City Directories

Since the subject site does not have an assigned address, a city directory search of the subject site was not performed. The lack of city directory coverage for the subject site from 1940 to the present is not considered a significant data failure due to the historically undeveloped state of the subject site and the availability of other historical resources (e.g. topographic maps and aerial photographs).

4.4.4. Fire Insurance Maps

There was no Sanborn fire insurance map coverage for the subject site. This is not considered a significant data failure due to the historically undeveloped state of the subject site and the availability of other historical resources (e.g. topographic maps and aerial photographs).

4.4.5. Historical Topographic Maps

The USGS Horse Thief Springs Quadrangle, California-Nevada, 15-minute series topographic map, dated 1956, depicts the site as undeveloped land. No items of potential environmental concern for the subject site were noted on this topographic map.

The USGS Calvada Springs Quadrangle, California-Nevada and Mound Spring Quadrangle, Nevada-California, 7.5-minute series topographic maps, both dated 1984 Provisional Edition depict the subject site as undeveloped land. Numerous dirt roads are depicted across the site. No items of potential environmental concern for the subject site were noted on this topographic map. Copies of the historical topographic maps are provided in Appendix D-1.

4.5. Historical Use Information on Adjoining Properties

Ninyo & Moore conducted a historical record search for the adjoining properties. This included a review of one or more of the following sources found to be both reasonably ascertainable and useful for the purposes of this Phase I ESA: historical aerial photographs,

historical fire insurance maps, historical topographic maps, land use records, interviews with property representatives, and reviews of prior environmental assessment reports regarding neighboring properties.

The following sections summarize information obtained from the historical sources utilized for this assessment.

4.5.1. Historical Property Ownership

Although a title search was not included in the scope of work for the site vicinity, historical property ownership records were reviewed on the website of the Inyo County Assessor's Office. No ownership entries of environmental concern were found in the record.

4.5.2. Historical Aerial Photographs

Selected historical aerial photographs dating from between 1994 and 2009 were available and reviewed for the subject site vicinity. Aerial photographs from between 1940 and 1994 were not reasonably ascertainable. However, this data failure does not represent a significant data gap, given the undeveloped state of the adjoining property during that period. A listing of the photographs reviewed is presented in Table 4. Table 5 summarizes notable observations from each photograph. A copy of the July 2009 aerial photograph of the subject site and vicinity is included in Appendix D-2.

Table 4 – Aerial Photographs Reviewed for Adjoining Properties

Date	Photograph Identification	Scale	Source
1994	N/A	Unknown	A
1995	N/A	Unknown	A
2005	N/A	Unknown	A
2007	N/A	Unknown	A
2009	N/A	Unknown	A

Sources: A – Google Earth Pro

Table 5 – Aerial Photograph Summary for Adjoining Properties

Year	Aerial Photograph Description
1994	The adjoining properties are evident as undeveloped land. A few residential ranch-type properties are evident to the south, across the Old Spanish Trail Highway, which is evident as a paved road.
1995	No significant changes since the 1994 aerial photograph.
2005	A graded property with numerous single-wide type trailers is evident to the adjoining east of the site, across Gold Street.
2007	No significant changes since the 2005 aerial photograph.
2009	No significant changes since the 2007 aerial photograph.

4.5.3. City Directories

Since the site vicinity does not have an assigned address, a city directory search of the site vicinity was not performed. The lack of city directory coverage for the site vicinity from 1940 to the present is not considered a significant data failure due to the historically undeveloped state of the site vicinity and the availability of other historical resources (e.g. topographic maps and aerial photographs).

4.5.4. Fire Insurance Maps

There was no Sanborn fire insurance map coverage for the subject site. This is not considered a significant data failure due to the historically undeveloped state of the properties adjoining the subject site and the availability of other historical resources (e.g. topographic maps and aerial photographs).

4.5.5. Historical Topographic Maps

The USGS Horse Thief Springs Quadrangle, California-Nevada, 15-minute series topographic map, dated 1956, depicts the site vicinity as undeveloped land. No items of potential environmental concern for the subject site were noted in the vicinity of the subject site on this topographic map.

The USGS Calvada Springs Quadrangle, California-Nevada and Mound Spring Quadrangle, Nevada-California, 7.5-minute series topographic maps, both dated 1984 Provisional Edition, depict the subject site vicinity as undeveloped land. The Old

Spanish Trail Highway is evident along the southern boundary of the site. No items of potential environmental concern for the subject site and vicinity were noted on this topographic map. Copies of the historical topographic maps are provided in Appendix D-1.

5. SITE RECONNAISSANCE

5.1. Methodology and Limiting Conditions

On May 18, 2011, Mr. Randy S. Kyes, of Ninyo & Moore, conducted a site reconnaissance of the subject property. The reconnaissance involved a walking tour of the site and visual observations of adjoining properties.

During the site reconnaissance visit, Ninyo & Moore looked for evidence suggesting the use, treatment, storage, disposal, or generation of hazardous substances or petroleum products on the subject site. Ninyo & Moore observed no such evidence.

5.2. General Site Setting

The subject site is comprised of undeveloped desert land. Land to the north, west, south, and east is generally undeveloped. Some residential ranch-type properties are located to the south.

5.3. Exterior Observations

The subject property was traversed and was observed from adjacent public thoroughfares. There are no structures on the subject property.

Easements and Common Roadways

No title documentation was available for review of possible easements on the subject site. However, an overhead, wood-pole electrical line runs along the southern boundary of the subject site, parallel to the Old Spanish Trail Highway. An underground electrical

line also runs from the wood-pole electrical line to a groundwater well and pump box panel located in the former orchard area of the subject site.

Pits, Ponds, or Lagoons

No pits, ponds, or lagoons were observed on the subject site.

Stained Soil or Pavement

No stained soil was observed on the subject site.

Stressed Vegetation

No stressed vegetation was observed on the subject site.

Solid Waste

Historical debris/trash piles were observed on the north-central portion of the subject site. Solid waste debris, including metal, glass, tires, masonry pieces, and other general debris were observed at this dumpsite. In addition to the trash piles, small quantities (a few cubic yards) of general solid waste was observed across the subject site, primarily along the Old Spanish Trail Highway. Irrigation piping debris were also noted in the former orchard area. The solid waste debris present on the subject site does not present a REC to the site at this time.

Wastewater

There were no sources of wastewater observed on the subject site.

Wells

Six historic groundwater supply wells were observed on the subject site. Four of the wells were observed on the southern boundary of the site, along the Old Spanish Trail Highway. The remaining two wells are located on the northeast portion of the subject site. Five of the wells have no downhole pumps installed, with four of these wells open to the surface with no permanent well cap. The remaining well, located in the former orchard area, and designated Orchard Well on Figure 4, has a downhole, submersible pump installed at the wellhead. The presence of groundwater wells on the subject site is not considered to be a REC for the subject site. However, Ninyo & Moore recommends that groundwater wells which are not to be used for monitoring purposes and/or

production, be abandoned in accordance with applicable federal, state, and local regulations. Wells that are to be used for monitoring purposes, but which do not have a permanent, sealed wellhead, should have a proper wellhead installed to minimize potential contamination pathways.

Septic Systems

No septic system was observed on the subject site. Based upon our review the site is not currently served by a municipal wastewater treatment system.

Odors

No odors were noted on the subject site.

Pools of Liquid

No exterior pools of liquid were observed on the subject site.

Drums

No drums were observed on the subject site.

Storage Tanks

Two, approximately 4,000 gallon each, ASTs, labeled 'fire water' are located on the southern boundary of the subject site, to the east of the abandoned orchard. These ASTs appear to be abandoned and non-usable. No evidence of additional ASTs or USTs (i.e., fill pipes, vent pipes, and emergency power generators) were observed on the subject site

Hazardous Substance and Petroleum Containers

No hazardous substance or petroleum containers were observed on the subject site.

Unidentified Substance Containers

No unidentified substance containers were observed on the subject site.

Waste Management and Regulated Materials

No regulated materials were observed on the subject site.

Polychlorinated Biphenyls (PCBs)

Polychlorinated biphenyls are known hazardous materials that are found in coolants or lubricating oil used in some electrical transformers, hydraulic elevators, light ballasts,

electrical panels, or other equipment. Utility companies, including Southern California Edison (SCE) often own transformer equipment and typically assume responsibility for repair or replacement of damaged or leaking units and for required cleanup or remediation activities. Indications of damage or leakage should be immediately reported to SCE.

No electrical transformers were observed on the subject site.

5.4. Interior Observations

The subject site has not been developed and no structures are present.

6. INTERVIEWS

Interviews with present owners, operators, and/or occupants of the subject site, as well as other knowledgeable parties as appropriate, is mandated by ASTM International Practice 1527-05. The objective of the interviews is to obtain information indicating RECs in connection with the subject site.

6.1. Interview with Owner

Ms. Mary Jane McMonigle, Co-Trustee, individual owner, and Manger of Section 20, LCC, and owner representative for the subject parcels, completed the owner questionnaire by electronic mail on behalf of the client. The questionnaire completed by Ms. McMonigle is provided as Appendix E. Ms. McMonigle was unaware of any present or historical environmental concerns at the subject site.

6.2. Interview with Local Government Officials

Since the subject site and vicinity is undeveloped and have no addresses and/or case file numbers, no review of files for the subject site or vicinity was performed.

6.3. Interview with Client

Mr. Clay Jensen, client representative for BrightSource Energy, provided subject site location information and completed the client questionnaire by electronic mail. The questionnaire completed by Mr. Jensen is provided as Appendix E-1. Mr. Jensen was unaware of any present or historical environmental concerns at the subject site.

7. FINDINGS, OPINIONS, AND CONCLUSIONS

Based upon the results of this Phase I ESA, the following findings, opinions, and conclusions are provided.

7.1. Findings and Opinions

- The subject site consists of 172 undeveloped parcels of land totaling approximately 3,900 acres in area, and located at the northwest corner of the intersection of Old Spanish Trail Highway and Gold Street in Inyo County, California. The subject site parcels are being developed as part of the proposed Hidden Hills Solar Facility.
- Based on a review of historical sources the parcels constituting the subject site have not previously been developed, with the exception of a small portion of the subject property that was formerly utilized as an orchard.
- Six groundwater wells were identified during the site reconnaissance. Four of the wells were observed on the southern boundary of the site, along the Old Spanish Trail Highway. The remaining two wells are located on the northeast portion of the subject site. Five of the wells have no downhole pumps installed, with four of these wells open to the surface with no permanent well cap. The remaining well, located in the former orchard area, and designated Orchard Well on Figure 4, has a downhole, submersible pump installed at the wellhead.
- Historical debris/trash piles were observed on the north-central portion of the subject site. In addition to the trash piles, small quantities of general solid waste was observed across the subject site, primarily along the Old Spanish Trail Highway. Irrigation piping debris were also noted in the former orchard area.
- No drums, unidentified substance containers, or other evidence of the storage or disposal of hazardous substances or petroleum products were observed at the subject site during the site reconnaissance.
- Two, approximately 4,000 gallon each, ASTs, labeled 'fire water' are located on the southern boundary of the subject site, to the east of the abandoned orchard. These ASTs

appear to be abandoned and non-usable. No evidence of additional ASTs or USTs (i.e., fill pipes, vent pipes, and emergency power generators) were observed on the subject site.

- Review of environmental databases indicated that there are no facilities located in the vicinity of the subject site that have handled hazardous materials or petroleum products and/or have been listed as having reported releases of hazardous materials or petroleum products.

7.2. Conclusions

This Phase I ESA was performed in conformance with the scope and limitations of the ASTM Practice E 1527-05. Any exceptions to or deletions from this practice are described in Section 1.5 of this report. This assessment has revealed no evidence of RECs, as defined in Section 1.1 of this report.

7.3. Data Gaps and Data Failures

The following data gaps were encountered during performance of this Phase I ESA.

- Aerial photographs for the subject site and vicinity prior to 1994 were not reasonably ascertainable. The lack of availability of aerial photographs prior to 1994 is not considered a significant data gap due to the availability of other historical resources (e.g. topographic maps) and the known historically undeveloped state of the subject site and vicinity.

The following data failures were encountered during performance of this Phase I ESA.

- Cross directories were not reasonably ascertainable for the subject site and vicinity. The lack of uninterrupted cross directories is not considered a significant data gap due to the availability of other historical resources (e.g. topographic maps and aerial photographs) and the historically undeveloped state of the subject site.
- No Sanborn fire insurance map coverage was available for the subject site and vicinity. This is not considered a significant data failure due to the availability of other historical resources (e.g. topographic maps and aerial photographs).

7.4. Deviations

The following conditions were noted as non-ASTM 1527-05 additional issues:

- Historical trash/debris piles were observed on the subject site. Ninyo & Moore recommends removal and disposal of solid waste in accordance with applicable federal and state regulations.

- Ninyo & Moore recommends that groundwater wells which are not to be used for monitoring purposes and/or production, be abandoned in accordance with applicable federal and state regulations. Wells that are to be used for monitoring purposes, but which do not have a permanent, sealed wellhead, should have a proper wellhead installed to minimize potential contamination pathways.

8. ADDITIONAL SERVICES

No additional services were performed during the preparation of this report.

9. REFERENCES

- ASTM International, 2005, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E-1527-05.
- California Department of Water Resources, 2011, Groundwater Information Center Website.
- California Department of Toxic Substances Control, 2011, EnviroStor Database Online.
- Code of Federal Regulations, Title 40, Chapter I, Subchapter J, Part 312.10(b) (40 CFR §312.10[b]).
- Environmental FirstSearch™ Report dated May 13, 2011.
- Nevada Division of Environmental Protection, 2011, Bureau of Corrective Actions Online Database.
- Ninyo & Moore, 2011a, Preliminary Geotechnical Evaluation Report, Hidden Hills Solar Facility, Inyo County, California, dated February 17.
- Ninyo & Moore, 2011b, Orchard Well Groundwater Sampling Letter, Hidden Hills Solar Facility, Inyo County, California, dated March 31.
- United States Environmental Protection Agency, 2006, Innocent Landowner, Standards for Conducting All Appropriate Inquiries, 40 CFR Part 312.
- United States Environmental Protection Agency, 2011, Enforcement and Compliance Online.
- United States Geological Survey, 1956, Horse Thief Springs Quadrangle, California-Nevada, 15-minute series topographic map, Scale 1:62,500.
- United States Geological Survey, 1984 Provisional Edition, Calvada Springs Quadrangle, California-Nevada, 7.5-minute series topographic map, Scale 1:24,000.
- United States Geological Survey, 1984 Provisional Edition, Mound Spring Quadrangle, Nevada-California, 7.5-minute series topographic map, Scale 1:24,000.

10. SIGNATURES OF ENVIRONMENTAL PROFESSIONALS



Randy S. Kyes
Project Environmental Scientist



Albert Ridley, CEG
Principal Geologist

11. QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

As required by 40 CFR §312.21(d) the following statement is included:

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



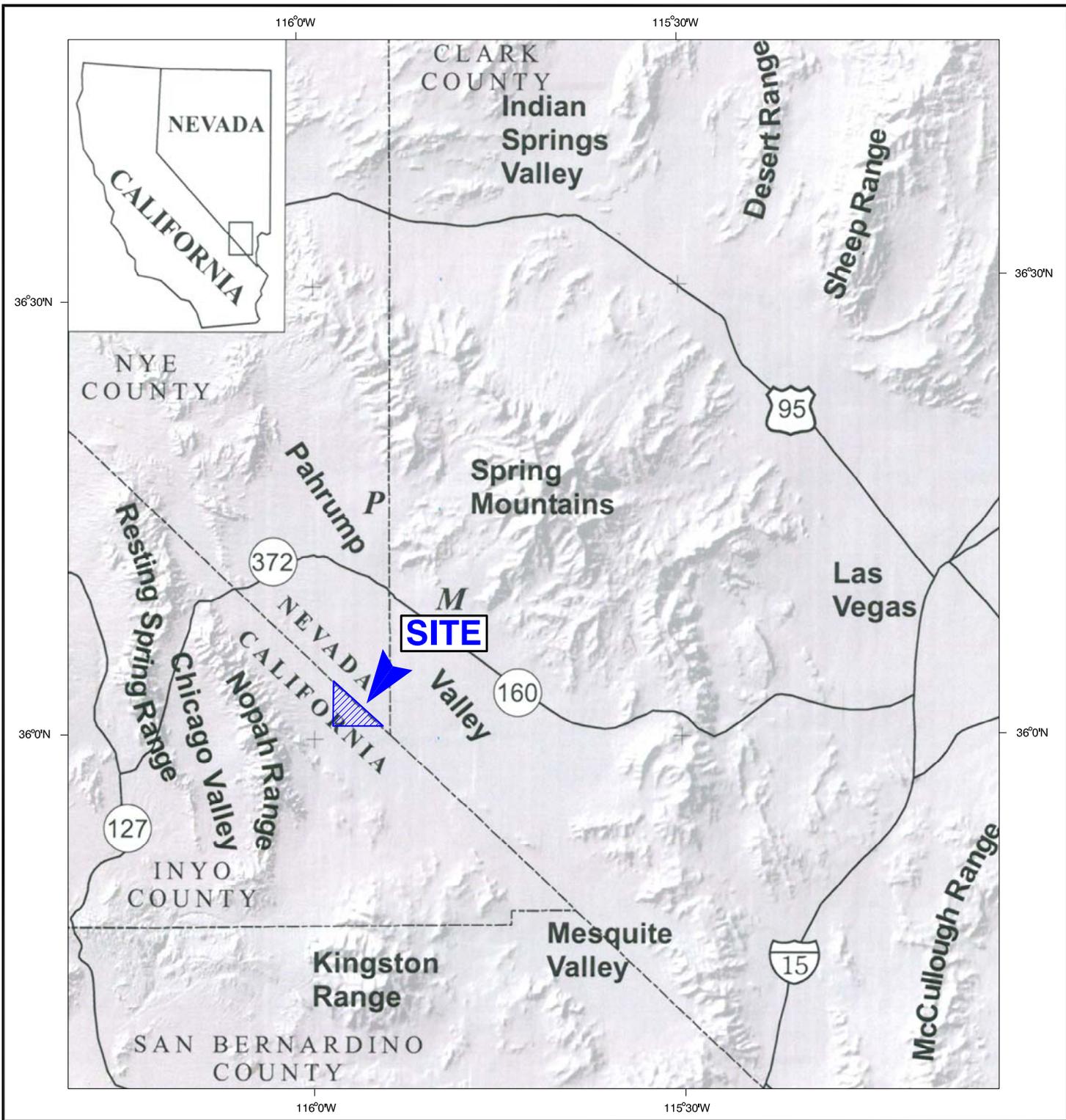
Albert P. Ridley, CEG
Certified Engineering Geologist
No. 926
Expires: May 31, 2013

7-5-11

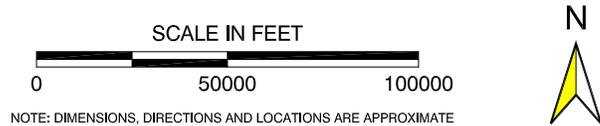
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Resumes, which document the professional qualifications, pursuant to 40 CFR §312.10(b)(2), of the persons that prepared and reviewed this report are provided as Appendix F.

FIGURES



REFERENCE: SHADED-RELIEF BASE FROM U.S. GEOLOGICAL SURVEY 1:250,000-SCALE DIGITAL DATA; SUN ILLUMINATION FROM NORTHWEST AT 30 DEGREES ABOVE HORIZON.



NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE

Ninyo & Moore

SITE LOCATION

FIGURE

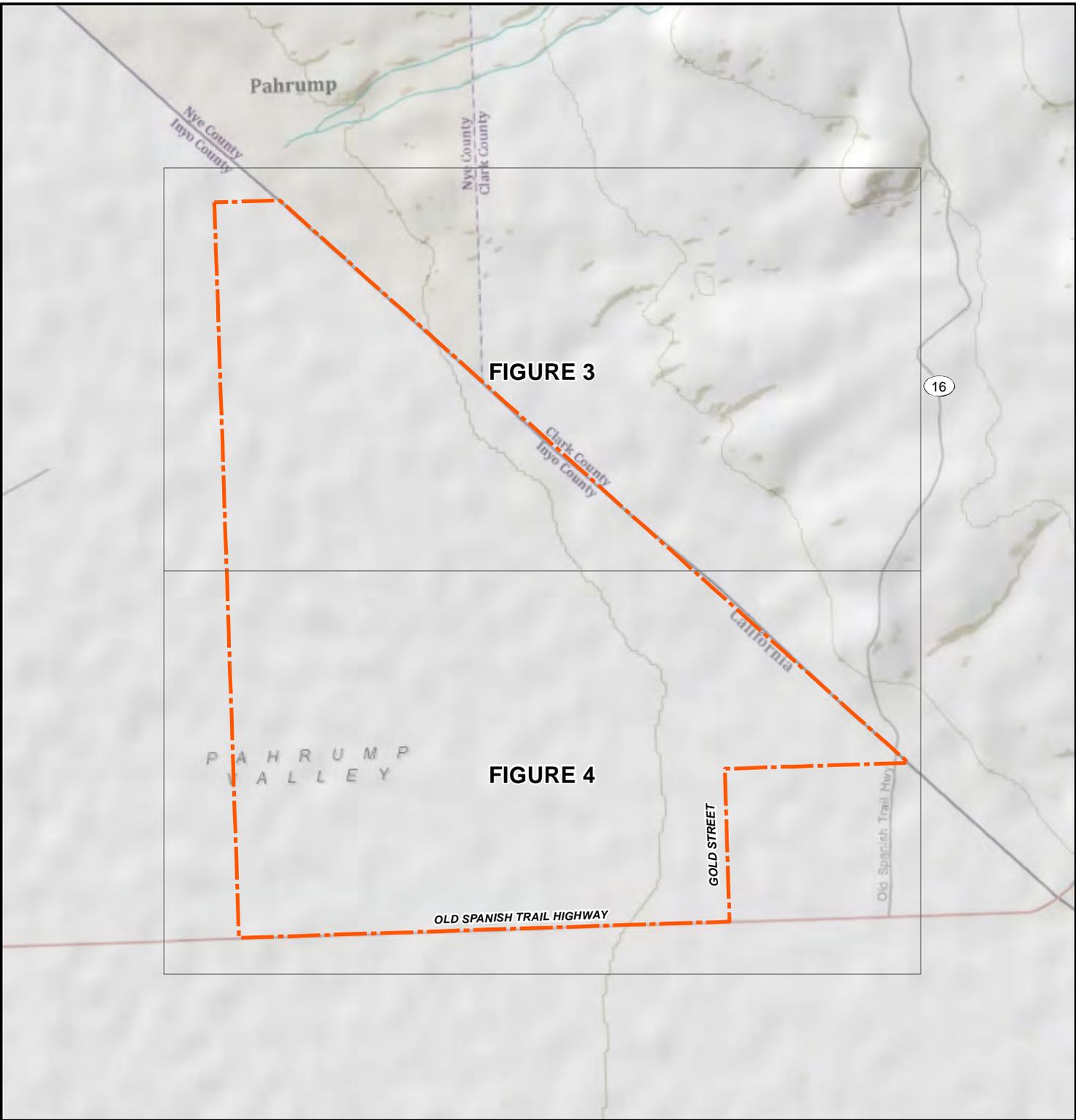
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HIDDEN HILLS SOLAR FACILITY
 OLD SPANISH TRAIL HIGHWAY AND GOLD STREET
 INYO COUNTY, CALIFORNIA

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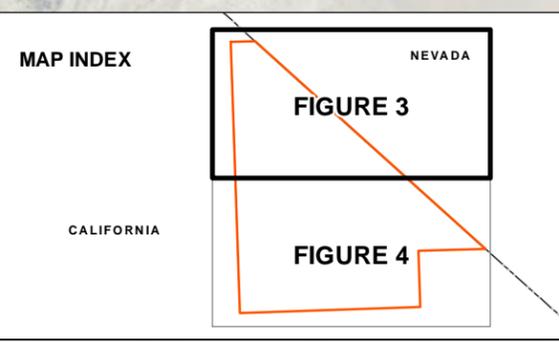
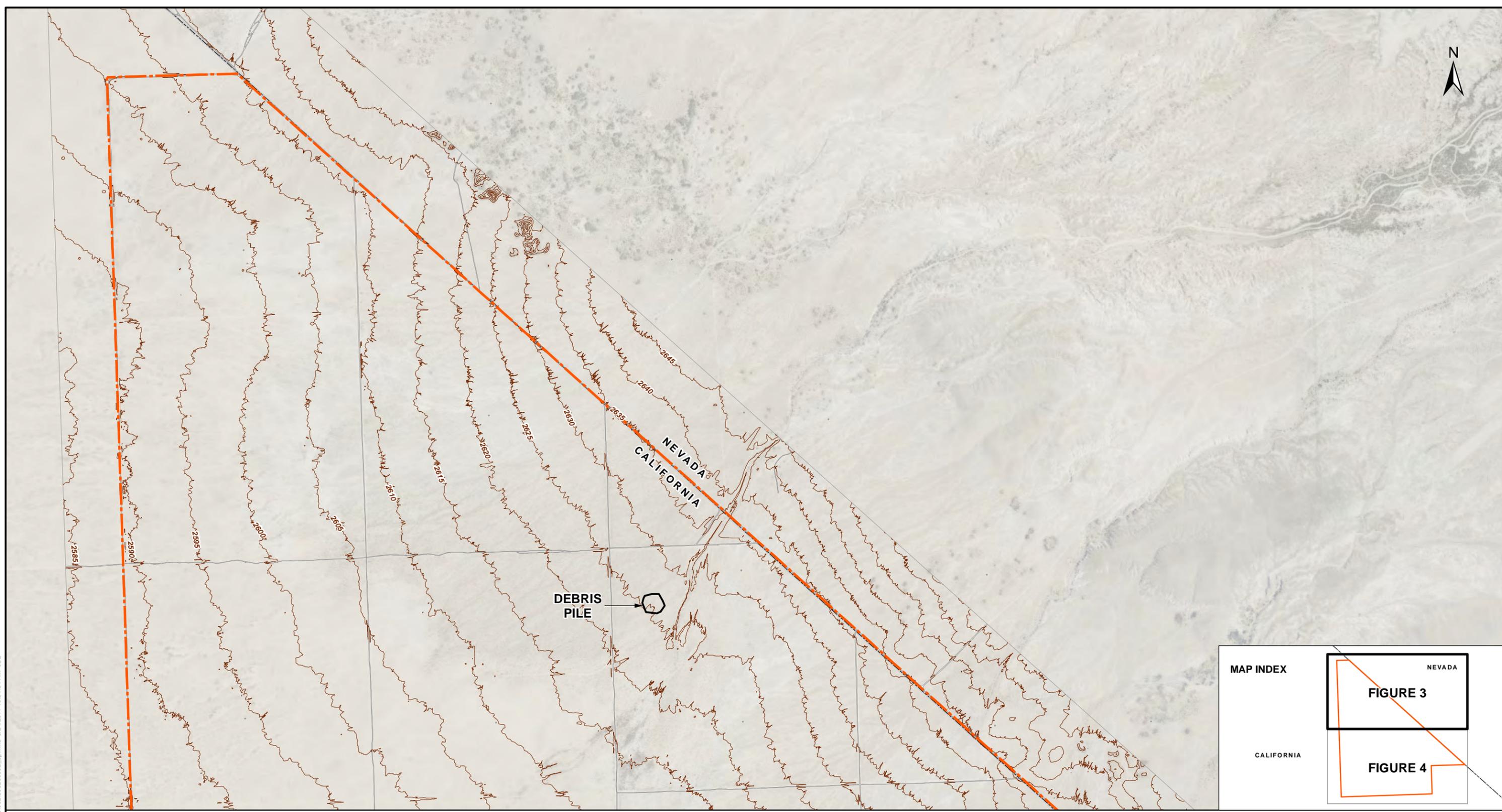


SOURCE: USGS, FAO, NPS, EPA, ESRI, DeLorme, TANA, other suppliers

NOTE: DIRECTIONS, DIMENSIONS AND LOCATIONS ARE APPROXIMATE



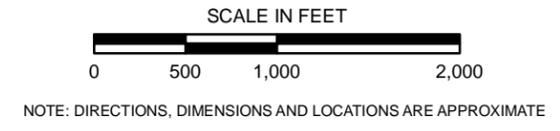
		<p align="center">MAP INDEX</p> <p align="center">HIDDEN HILLS SOLAR FACILITY OLD SPANISH TRAIL HIGHWAY AND GOLD STREET INYO COUNTY, CALIFORNIA</p>		FIGURE
				2
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SOURCE: DATA SOURCE

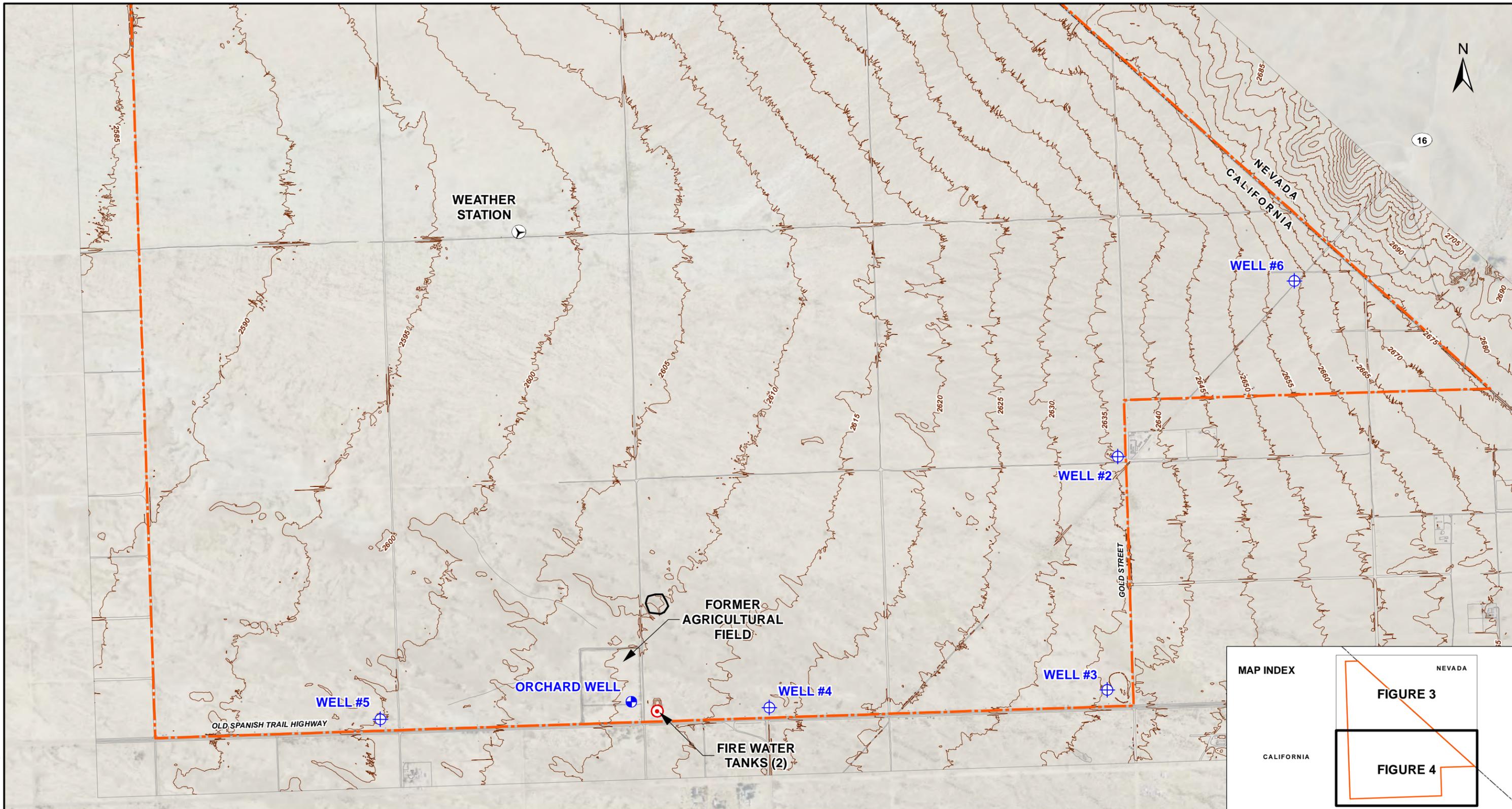
LEGEND

-  WELL
-  SITE BOUNDARY



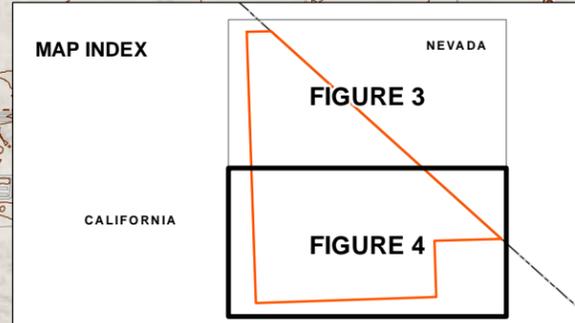
<i>Ninyo & Moore</i>		SITE PLAN (NORTH) HIDDEN HILLS SOLAR FACILITY OLD SPANISH TRAIL HIGHWAY AND GOLD STREET INYO COUNTY, CALIFORNIA	FIGURE 3
PROJECT NO. 303200002	DATE 5/11		

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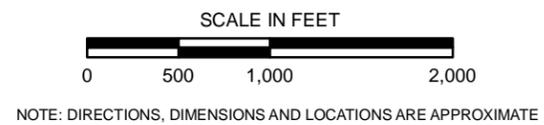
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SOURCE: DATA SOURCE



LEGEND

- WELL
- SITE BOUNDARY



Ninyo & Moore		SITE PLAN (SOUTH)	HIDDEN HILLS SOLAR FACILITY OLD SPANISH TRAIL HIGHWAY AND GOLD STREET INYO COUNTY, CALIFORNIA	FIGURE
PROJECT NO. 303200002	DATE 5/11			4

APPENDIX A
SITE PHOTOGRAPHS



Photograph 1: View of subject site, facing northeast from the southwest corner of the site.



Photograph 2: View of subject site, facing southeast from the northwest corner of the site.



Photograph 3: View of subject site from approximate center of site, facing east.



Photograph 4: View of subject site from approximate center of site, facing west.



Photograph 5: View of northern adjoining properties, facing north across the California-Nevada stateline.



Photograph 6: View of western adjoining properties, facing northwest.



Photograph 7: View of southern adjoining properties facing south across the Old Spanish Trail Highway.



Photograph 8: View of eastern and southeastern adjoining properties, facing southwest from the far eastern corner of the site.



Photograph 9: View of abandoned orchard field on the subject site, facing north.



Photograph 10: View of the site Orchard Well, located in the abandoned orchard field along the Old Spanish Trail Highway.



Photograph 11: View of fire water tanks located on the site to the east of the abandoned orchard, facing northeast.



Photograph 12: View of capped, groundwater production well located along the Old Spanish Trail Highway on the southwestern margin of the subject site, facing southeast.



Photograph 13: View of solid waste debris piles located on the north-central portion of the subject site, facing east.



Photograph 14: View of solid waste debris piles located on the north-central portion of the subject site, facing east.



Photograph 15: View of historic groundwater well located on the eastern portion of the site, facing west.



Photograph 16: View of weather station located on the subject site, facing north.

APPENDIX B

PROPERTY RECORDS DOCUMENTATION

- B-1 - Subject Site Parcel Information
- B-2 – Environmental Lien Search Reports

APPENDIX B-1

PROPERTY RECORDS DOCUMENTATION

Subject Site Parcel Information

**Hidden Hills Solar Facility
Appendix B-1 - Site Parcel Information**

APN	OWNER NAME	OWNER ADDRESS			
		STREET	CITY	STATE	ZIP
04811002	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04812010	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850101	COLMINES, MARIA T	65 LAILANI ST	LAS VEGAS	NV	89110
04850102	ESCOBAR, JOAQUIN	65 LAILANI ST	LAS VEGAS	NV	89110
04850103	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850104	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850105	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850106	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850107	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850108	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850109	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850110	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850111	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850112	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850113	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850114	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850115	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850116	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850117	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850118	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850119	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850120	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850121	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850122	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850123	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850124	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850125	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850126	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850127	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850128	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850129	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850201	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850202	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850203	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850204	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850205	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101

APN	OWNER NAME	OWNER ADDRESS			
		STREET	CITY	STATE	ZIP
04850206	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850207	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850208	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850209	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850210	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850211	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850212	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850213	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850214	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850215	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850216	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850301	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850302	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850303	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850304	PALENCIA-SALAZAR, BERTO ETUX	3616 DEL RIO DRIVE	NORTH LAS VEGAS	NV	89030
04850305	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04850306	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04860001	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04860002	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04860003	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04860004	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04860005	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04861001	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04861002	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04861003	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04861004	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04861005	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04861006	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04861007	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04861008	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04861009	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04861010	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04861011	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04861012	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04861013	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04864001	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04864002	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04864003	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101

APN	OWNER NAME	OWNER ADDRESS			
		STREET	CITY	STATE	ZIP
04867005	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04867006	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04867007	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04867008	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04867009	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04867010	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04867011	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04867012	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04867013	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04868001	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04868002	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04868003	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04868004	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04868005	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04868006	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04868007	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04868008	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04868009	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04868010	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04868011	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04868012	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04868013	RIEKER TRUST, JAMES J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04868014	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04868015	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04868016	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04869001	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04869002	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04869003	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04869004	RIEKER TRUST, JAMES J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04869005	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04869006	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04869007	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04869008	TSIAMIS, NICK & ARETI	5620 PASEO DEL NORTE #127	CARLSBAD	CA	92008
04869009	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04870001	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04870002	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04870003	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04870004	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101

APN	OWNER NAME	OWNER ADDRESS			
		STREET	CITY	STATE	ZIP
04870005	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04870006	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04870007	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04870008	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04870009	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04870010	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04870011	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04870012	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04870013	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04870014	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04870015	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04870016	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04871001	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04871002	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04871003	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04871004	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04871005	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04871006	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04871007	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04871008	RIEKER, MARY J C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04871009	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101
04871016	WILEY TRUST, MARY L 1997 C/O STEVEN R SCOW, ESQ	612 S SEVENTH ST	LAS VEGAS	NV	89101

APPENDIX B-2
PROPERTY RECORDS DOCUMENTATION
Environmental Lien Search Reports

TEXAS ENVIRONMENTAL RESEARCH

126 SCEPTRE DRIVE TEL: (972) 772-4283
ROCKWALL, TEXAS 75032 FAX: (972) 772-4283

ENVIRONMENTAL LIEN SEARCH

THE ATTACHED REPORT IS BEING PROVIDED TO APPLICANT SOLELY FOR THE PURPOSE OF FACILITATING LANDOWNER OR PURCHASE DEFENSES WHICH MAY BE AVAILABLE UNDER THE LIABILITY ACT OF 1980. AS AMENDED IT IS PROVIDED FOR THE SOLE USE AND BENEFIT OF APPLICANT AND MAY NOT BE USED OR RELIED UPON BY ANY OTHER PARTY FOR ANY REASON.

NOTE: THIS SEARCH REPRESENTS SURFACE CONVEYANCES ONLY.
TOTAL LIABILITY OF TEXAS ENVIRONMENTAL RESEARCH COMPANY
IS LIMITED TO THE AMOUNT PAID FOR THIS REPORT.

THIS REPORT WAS PREPARED FOR THE PURPOSE OF ASSISTING IN AN
ENVIRONMENTAL HAZARD INSPECTION OF THE FOLLOWING
DESCRIBED PROPERTY.

LEGAL DESCRIPTION

APN: 04850304, Inyo County, California.

CURRENT OWNER

Berto Palencia-Salazar & Anita S. Diaz

DATE	GRANTOR	GRANTEE	DOCUMENT TYPE
6/12/10	Mary Jane McMonigle a.k.a. Mary Jane Rieker	Berto Palencia-Salazar & Anita S. Diaz	Warranty Deed Vol/Pg: 0001614-00

ENVIRONMENTAL LIEN RESEARCH

AFTER COMPLETING AN ENVIRONMENTAL LIEN SEARCH A FINDING THAT NO ENVIRONMENTAL LIENS HAVE BEEN FILED OF PUBLIC RECORD AND THAT IT HAS BEEN DETERMINED THAT THE PROPERTY RESEARCHED IN THIS REPORT COMPLIES WITH ASTM E 1527-05-SEC. 7.3.4.4 AND SECTION 5.2 THIS REPORT MEETS OR EXCEEDS A.S.T.M. E 1527-05.

TEXAS ENVIRONMENTAL RESEARCH

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ROCKWALL, TEXAS 75032 FAX: (972) 772-4283

ENVIRONMENTAL LIEN SEARCH

THE ATTACHED REPORT IS BEING PROVIDED TO APPLICANT SOLELY FOR THE PURPOSE OF FACILITATING LANDOWNER OR PURCHASE DEFENSES WHICH MAY BE AVAILABLE UNDER THE LIABILITY ACT OF 1980. AS AMENDED IT IS PROVIDED FOR THE SOLE USE AND BENEFIT OF APPLICANT AND MAY NOT BE USED OR RELIED UPON BY ANY OTHER PARTY FOR ANY REASON.

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DESCRIBED PROPERTY.

LEGAL DESCRIPTION

APN'S: 04869004 and 04868013, Inyo County, California.

CURRENT OWNER

James J. Rieker Trust C/O Steven R. Scow ESQ

DATE	GRANTOR	GRANTEE	DOCUMENT TYPE
1/9/89	Roland H. Wiley and wife, Mary L. Wiley	James J. Rieker Trust C/O Steven R. Scow ESQ	Warranty Deed Vol/Pg: 0000069-00

Note : 3-10-2011, James J. Rieker conveyed property to Section 20 L.L.C., 0000730-00.

ENVIRONMENTAL LIEN RESEARCH

AFTER COMPLETING AN ENVIRONMENTAL LIEN SEARCH A FINDING THAT
NO ENVIRONMENTAL LIENS HAVE BEEN FILED OF PUBLIC RECORD AND
THAT IT HAS BEEN DETERMINED THAT THE PROPERTY RESEARCHED IN
THIS REPORT COMPLIES WITH ASTM E 1527-05-SEC. 7.3.4.4 AND SECTION 5.2
THIS REPORT MEETS OR EXCEEDS A.S.T.M. E 1527-05.

TEXAS ENVIRONMENTAL RESEARCH

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ROCKWALL, TEXAS 75032 FAX: (972) 772-4283

ENVIRONMENTAL LIEN SEARCH

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NOTE: THIS SEARCH REPRESENTS SURFACE CONVEYANCES ONLY.
TOTAL LIABILITY OF TEXAS ENVIRONMENTAL RESEARCH COMPANY
IS LIMITED TO THE AMOUNT PAID FOR THIS REPORT.

THIS REPORT WAS PREPARED FOR THE PURPOSE OF ASSISTING IN AN
ENVIRONMENTAL HAZARD INSPECTION OF THE FOLLOWING
DESCRIBED PROPERTY.

LEGAL DESCRIPTION

APN: 04850102, Inyo County, California.

CURRENT OWNER

Joaquin Escobar

DATE	GRANTOR	GRANTEE	DOCUMENT TYPE
5-18-06	Mary Jane McMonigle a.k.a. Mary Jane Rieker	Joaquin Escobar	Warranty Deed Vol/Pg: 0001995-00

ENVIRONMENTAL LIEN RESEARCH

AFTER COMPLETING AN ENVIRONMENTAL LIEN SEARCH A FINDING THAT
NO ENVIRONMENTAL LIENS HAVE BEEN FILED OF PUBLIC RECORD AND
THAT IT HAS BEEN DETERMINED THAT THE PROPERTY RESEARCHED IN
THIS REPORT COMPLIES WITH ASTM E 1527-05-SEC. 7.3.4.4 AND SECTION 5.2

THIS REPORT MEETS OR EXCEEDS A.S.T.M. E 1527-05.

TEXAS ENVIRONMENTAL RESEARCH

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ROCKWALL, TEXAS 75032 FAX: (972) 772-4283

ENVIRONMENTAL LIEN SEARCH

THE ATTACHED REPORT IS BEING PROVIDED TO APPLICANT SOLELY FOR THE PURPOSE OF FACILITATING LANDOWNER OR PURCHASE DEFENSES WHICH MAY BE AVAILABLE UNDER THE LIABILITY ACT OF 1980. AS AMENDED IT IS PROVIDED FOR THE SOLE USE AND BENEFIT OF APPLICANT AND MAY NOT BE USED OR RELIED UPON BY ANY OTHER PARTY FOR ANY REASON.

NOTE: THIS SEARCH REPRESENTS SURFACE CONVEYANCES ONLY.
TOTAL LIABILITY OF TEXAS ENVIRONMENTAL RESEARCH COMPANY
IS LIMITED TO THE AMOUNT PAID FOR THIS REPORT.

THIS REPORT WAS PREPARED FOR THE PURPOSE OF ASSISTING IN AN
ENVIRONMENTAL HAZARD INSPECTION OF THE FOLLOWING
DESCRIBED PROPERTY.

LEGAL DESCRIPTION

APN: 04850101, Inyo County, California.

CURRENT OWNER

Maria T. Colmines

DATE	GRANTOR	GRANTEE	DOCUMENT TYPE
5-18-06	Mary Jane McMonigle a.k.a. Mary Jane Rieker	Maria T. Colmines	Warranty Deed Vol/Pg: 0001996-00

ENVIRONMENTAL LIEN RESEARCH

AFTER COMPLETING AN ENVIRONMENTAL LIEN SEARCH A FINDING THAT NO ENVIRONMENTAL LIENS HAVE BEEN FILED OF PUBLIC RECORD AND THAT IT HAS BEEN DETERMINED THAT THE PROPERTY RESEARCHED IN THIS REPORT COMPLIES WITH ASTM E 1527-05-SEC. 7.3.4.4 AND SECTION 5.2 THIS REPORT MEETS OR EXCEEDS A.S.T.M. E 1527-05.

TEXAS ENVIRONMENTAL RESEARCH

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ROCKWALL, TEXAS 75032 FAX: (972) 772-4283

ENVIRONMENTAL LIEN SEARCH

THE ATTACHED REPORT IS BEING PROVIDED TO APPLICANT SOLELY FOR THE PURPOSE OF FACILITATING LANDOWNER OR PURCHASE DEFENSES WHICH MAY BE AVAILABLE UNDER THE LIABILITY ACT OF 1980. AS AMENDED IT IS PROVIDED FOR THE SOLE USE AND BENEFIT OF APPLICANT AND MAY NOT BE USED OR RELIED UPON BY ANY OTHER PARTY FOR ANY REASON.

NOTE: THIS SEARCH REPRESENTS SURFACE CONVEYANCES ONLY.
TOTAL LIABILITY OF TEXAS ENVIRONMENTAL RESEARCH COMPANY
IS LIMITED TO THE AMOUNT PAID FOR THIS REPORT.

THIS REPORT WAS PREPARED FOR THE PURPOSE OF ASSISTING IN AN
ENVIRONMENTAL HAZARD INSPECTION OF THE FOLLOWING
DESCRIBED PROPERTY.

LEGAL DESCRIPTION

APN'S: 04871008, 04871007, 04871006, 04871005, 04869007, 04869006, 04869005,
04850306, 04850305, 04850302, 04850303, 04850129, 04870001, 04870004, 04868001,
04868004, 04865016, 04865015, 04865014, 04865013, 04867012, 04867011, 04867010,
04867009, 04867007, 04867008, 04866001, 04866002, 04864001, 04864002, 04864003,
04864004, 04861012, 04861011, 04861010, 04861009, 04861005, 04861006, 04861007,
04861008, 04861004, 04861003, 04861001, 04861002, 04860004, 04860003, 04860001,
04860002, 04850301, 04850115, 04850114, 04850112, 04850113, 04812010, 04811002,
04861013 and 04860005, Inyo County, California.

CURRENT OWNER

Mary J. Rieker C/O Steven R. Scow ESQ

DATE	GRANTOR	GRANTEE	DOCUMENT TYPE
10/16/97	Wiley Trust 1997	Mary J. Rieker C/O Steven R. Scow ESQ	Warranty Deed Vol/Pg: 0003693-00

ENVIRONMENTAL LIEN RESEARCH

AFTER COMPLETING AN ENVIRONMENTAL LIEN SEARCH A FINDING THAT
NO ENVIRONMENTAL LIENS HAVE BEEN FILED OF PUBLIC RECORD AND
THAT IT HAS BEEN DETERMINED THAT THE PROPERTY RESEARCHED IN
THIS REPORT COMPLIES WITH ASTM E 1527-05-SEC. 7.3.4.4 AND SECTION 5.2
THIS REPORT MEETS OR EXCEEDS A.S.T.M. E 1527-05.

TEXAS ENVIRONMENTAL RESEARCH

126 SCEPTRE DRIVE TEL: (972) 772-4283
ROCKWALL, TEXAS 75032 FAX: (972) 772-4283

ENVIRONMENTAL LIEN SEARCH

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DESCRIBED PROPERTY.

LEGAL DESCRIPTION

APN'S: 04871001, 04871002, 04871003, 04871004, 04869001, 04869002, 04869003, 04870016, 04870015, 04870014, 04870013, 04868016, 04868015, 04868014, 04850209, 04850210, 04850211, 04850212, 04850213, 04850214, 04850215, 04850216, 04870009, 04870010, 04870011, 04870012, 04868009, 04868010, 04868011, 04868012, 04850208, 04850207, 04850206, 04850205, 04850204, 04850203, 04850202, 04850201, 04850122, 04850123, 04850124, 04850125, 04850126, 04850127, 04850128, 04850111, 04864010, 04870008, 04870007, 04870006, 04870005, 04868008, 04868007, 04868006, 04868005, 04850121, 04850120, 04850119, 04850118, 04850117, 04850116, 04850107, 04850108, 04850109, 04850110, 04870002, 04870003, 04868002, 04868003, 04850106, 04850105, 04850104, 04850103, 04865009, 04865010, 04865011, 04865012, 04867005, 04867006, 04865008, 04865007, 04865006, 04865005, 04867004, 04867003, 04865001, 04865002, 04865003, 04865004, 04867001, 04867002, 04867013, 04864016, 04864015, 04864014, 04864013, 04866004, 04866003, 04864009, 04864011, 04864012, 04864008, 04864007, 04864006, 04864005, 04866005, 04871009, 04871016 and 04869009, Inyo County, California.

CURRENT OWNER

Mary Lee Wiley Trust 1997 C/O Steven R. Scow ESQ

DATE	GRANTOR	GRANTEE	DOCUMENT TYPE
10/16/97	Wiley Trust 1997	Mary Lee Wiley Trust 1997 C/O Steven R. Scow ESQ	Warranty Deed Vol/Pg: 0003693-00

ENVIRONMENTAL LIEN RESEARCH

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ROCKWALL, TEXAS 75032 FAX: (972) 772-4283

ENVIRONMENTAL LIEN SEARCH

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ENVIRONMENTAL HAZARD INSPECTION OF THE FOLLOWING
DESCRIBED PROPERTY.

LEGAL DESCRIPTION

APN: 04869008, Inyo County, California.

CURRENT OWNER

Unrecorded Lease Nick & Areti Tsiamis

ENVIRONMENTAL LIEN RESEARCH

AFTER COMPLETING AN ENVIRONMENTAL LIEN SEARCH A FINDING THAT
NO ENVIRONMENTAL LIENS HAVE BEEN FILED OF PUBLIC RECORD AND
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THIS REPORT COMPLIES WITH ASTM E 1527-05-SEC. 7.3.4.4 AND SECTION 5.2
THIS REPORT MEETS OR EXCEEDS A.S.T.M. E 1527-05.

APPENDIX C
ENVIRONMENTAL DATABASE SEARCH

TRACK ► INFO SERVICES, LLC

Environmental FirstSearch™ Report

Target Property:

**BRIGHT SOURCE/HIDDEN HILLS RANCH SOLAR/ESA
DEATH VALLEY CA 92328**

Job Number: 303200002

PREPARED FOR:

Ninyo & Moore
6700 Paradise Road, Suite E
Las Vegas, NV 89119
(702) 433-0330

05-13-11



Tel: (866) 664-9981

Fax: (818) 249-4227

**Environmental FirstSearch
Site Information Report**

Request Date: 05-13-11
Requestor Name: Ninyo and Moore - Randy Kyes
Standard: ASTM-05

Search Type: AREA
 4.81 sq mile(s)
Job Number: 303200002
Filtered Report

Target Site: BRIGHT SOURCE/HIDDEN HILLS RANCH SOLAR/ESA
 DEATH VALLEY CA 92328

Demographics

Sites: 2	Non-Geocoded: 2	Population: NA
Radon: NA		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>	<u>UTMs</u>
Longitude:	-115.892969	-115:53:35	Easting: 599786.458
Latitude:	35.993585	35:59:37	Northing: 3983603.061
Elevation:	N/A		Zone: 11

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 1 Mile(s)	Services:
--------------------------------------	------------------

<u>ZIP Code</u>	<u>City Name</u>	<u>ST</u>	<u>Dist/Dir</u>	<u>Sel</u>	<u>Requested?</u>	<u>Date</u>
89048	PAHRUMP	NV	0.01 NE	Y	Fire Insurance Maps	No
89124	LAS VEGAS	NV	0.00 --	Y	Aerial Photographs	No
92389	TECOPA	CA	0.00 --	Y	Historical Topos	No
					City Directories	No
					Title Search/Env Liens	No
					Municipal Reports	No
					Online Topos	No

Environmental FirstSearch *Search Summary Report*

Target Site: BRIGHT SOURCE/HIDDEN HILLS RANCH SOLAR/ESA
DEATH VALLEY CA 92328

FirstSearch Summary

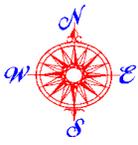
Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	04-01-11	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	04-01-11	0.50	0	0	0	0	-	0	0
CERCLIS	Y	03-31-11	0.50	0	0	0	0	-	0	0
NFRAP	Y	03-31-11	0.50	0	0	0	0	-	0	0
RCRA COR ACT	Y	03-10-11	1.00	0	0	0	0	0	0	0
RCRA TSD	Y	03-10-11	0.50	0	0	0	0	-	0	0
RCRA GEN	Y	03-10-11	0.25	0	0	0	-	-	0	0
RCRA NLR	Y	03-10-11	0.12	0	0	-	-	-	0	0
Federal Brownfield	Y	03-01-11	0.25	0	0	0	-	-	0	0
ERNS	Y	04-18-11	0.12	0	0	-	-	-	0	0
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	1	1
State/Tribal Sites	Y	03-14-11	1.00	0	0	0	0	0	1	1
State Spills 90	Y	03-30-11	0.12	0	0	-	-	-	0	0
State/Tribal SWL	Y	03-07-11	0.50	0	0	0	0	-	0	0
State/Tribal LUST	Y	03-30-11	0.50	0	0	0	0	-	0	0
State/Tribal UST/AST	Y	10-27-10	0.25	0	0	0	-	-	0	0
State/Tribal EC	Y	NA	0.25	0	0	0	-	-	0	0
State/Tribal IC	Y	03-09-11	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	03-14-11	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	NA	0.50	0	0	0	0	-	0	0
State Permits	Y	10-13-10	0.12	0	0	-	-	-	0	0
State Other	Y	03-14-11	0.25	0	0	0	-	-	0	0
Federal IC/EC	Y	02-07-11	0.50	0	0	0	0	-	0	0
HW Manifest	Y	08-02-10	0.12	0	0	-	-	-	0	0
- TOTALS -				0	0	0	0	0	2	2

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to TRACK Info Services, certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in TRACK Info Services's databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although TRACK Info Services uses its best efforts to research the actual location of each site, TRACK Info Services does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of TRACK Info Services's services proceeding are signifying an understanding of TRACK Info Services's searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

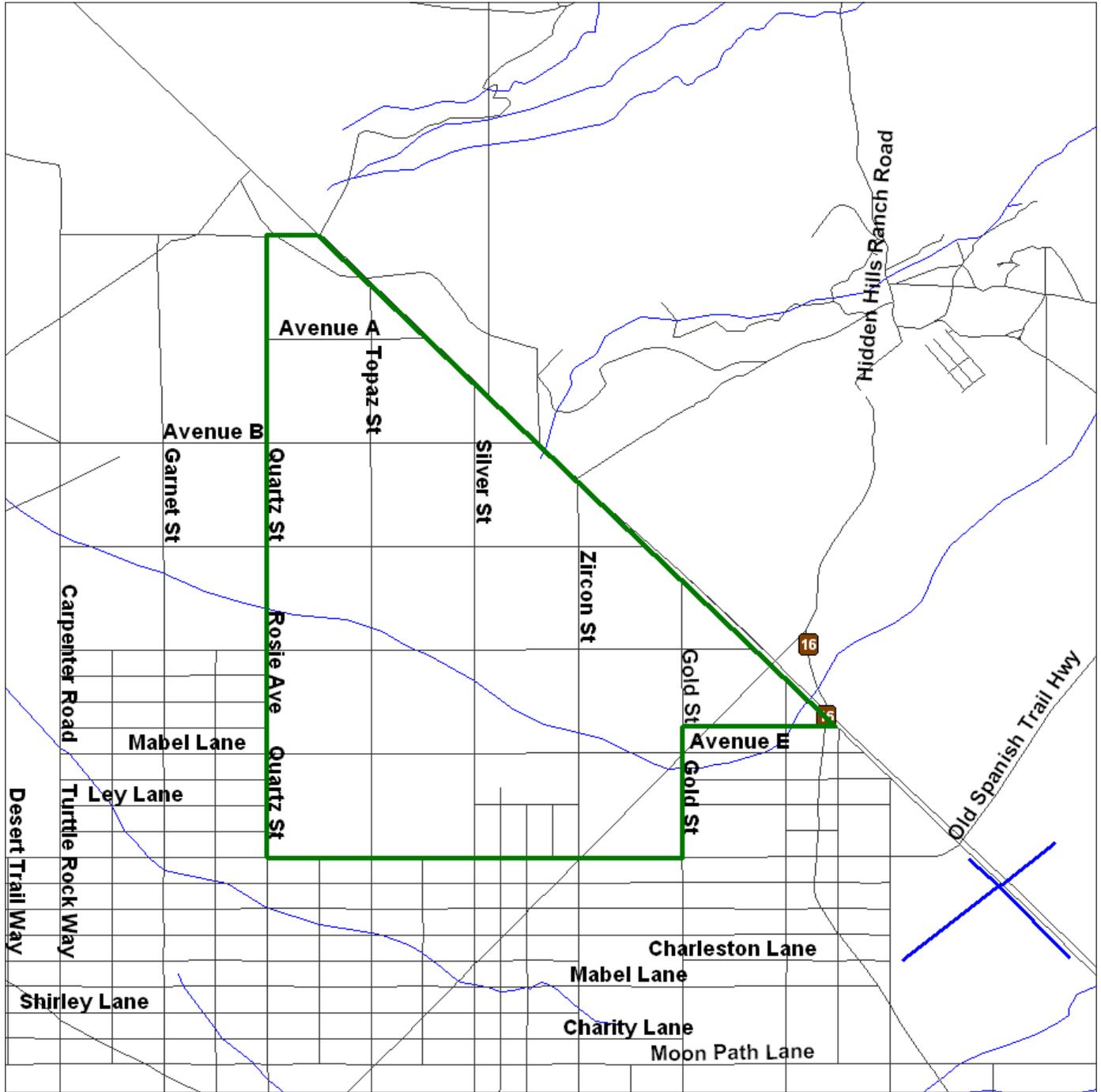


Environmental FirstSearch

1 Mile Radius from Area
Single Map:

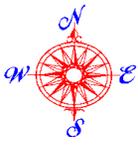


BRIGHT SOURCE/HIDDEN HILLS RANCH SOLAR/ESA, DEATH VALLEY C



Source: U.S. Census TIGER Files

- Area Polygon 
- Identified Site, Multiple Sites, Receptor   
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste 
- Triballand 
- Railroads 

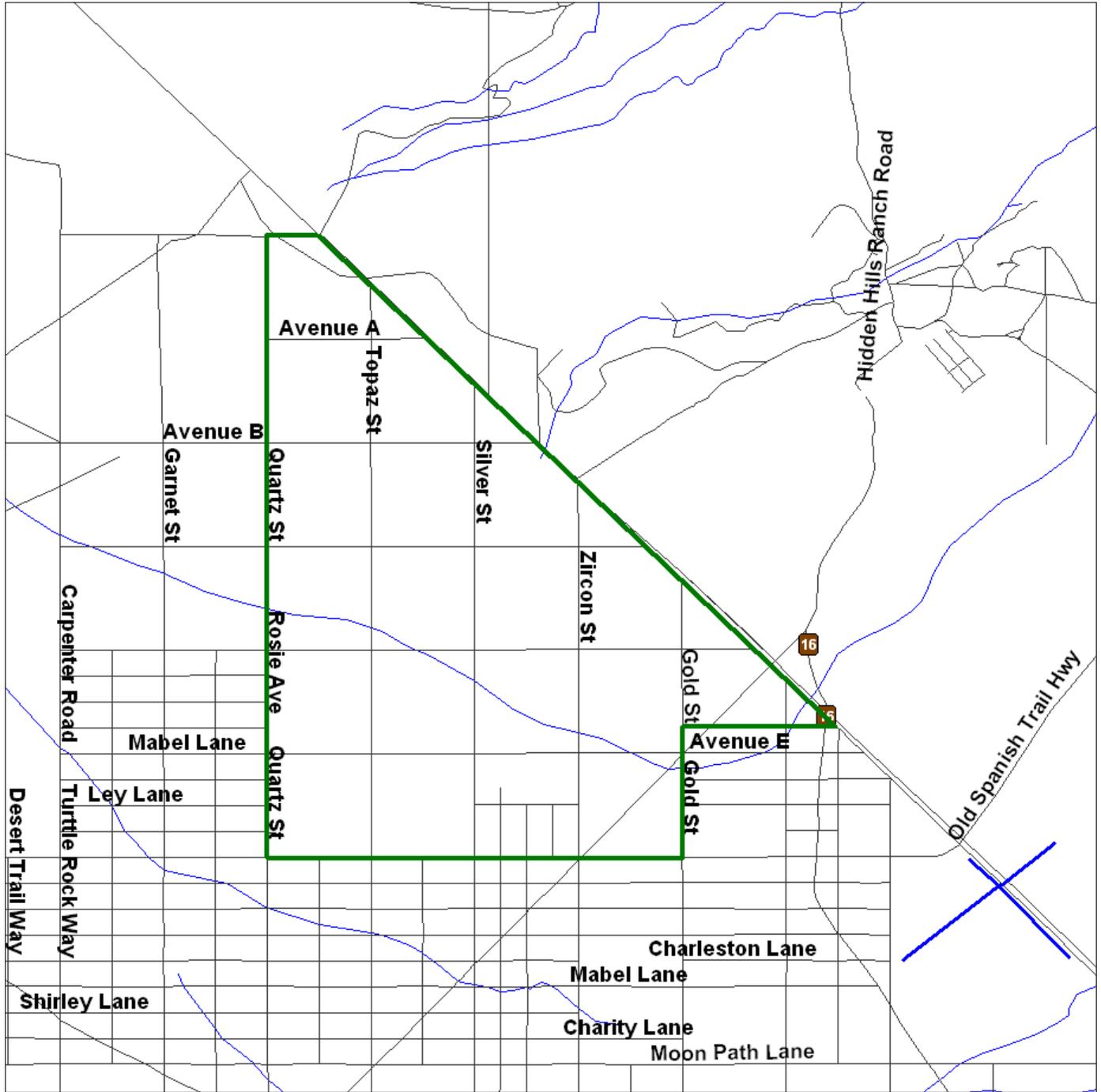


Environmental FirstSearch

1 Mile Radius from Area
ASTM-05: NPL, RCACOR, STATE



BRIGHT SOURCE/HIDDEN HILLS RANCH SOLAR/ESA, DEATH VALLEY C



Source: U.S. Census TIGER Files

Area Polygon	
Identified Site, Multiple Sites, Receptor	
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste	
Triballand.....	
Railroads	

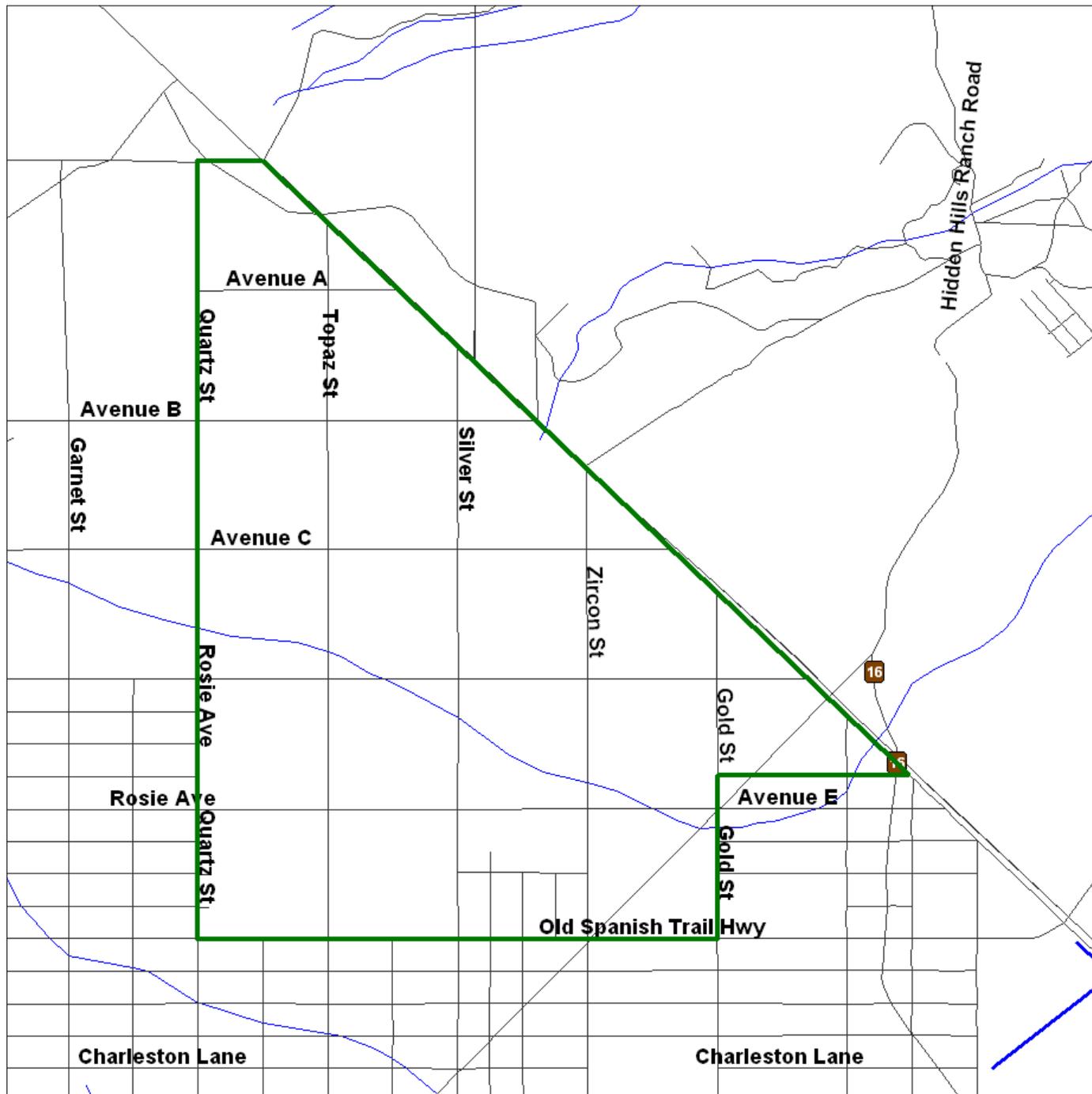


Environmental FirstSearch

.5 Mile Radius from Area
ASTM-05: Multiple Databases

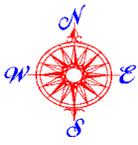


BRIGHT SOURCE/HIDDEN HILLS RANCH SOLAR/ESA, DEATH VALLEY C



Source: U.S. Census TIGER Files

Area Polygon	
Identified Site, Multiple Sites, Receptor	
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste	
Triballand.....	
Railroads	

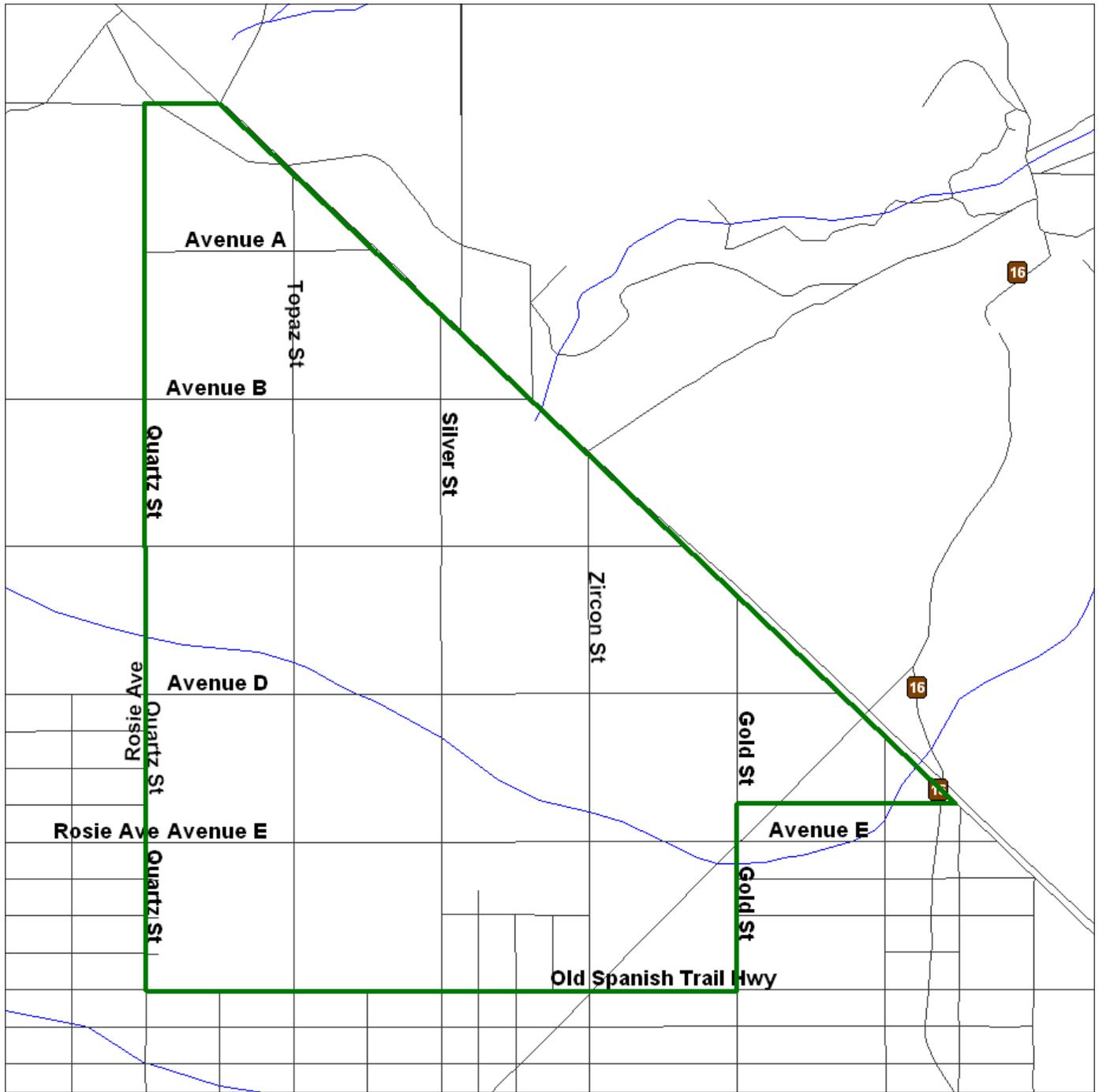


Environmental FirstSearch

.25 Mile Radius from Area
ASTM-05: RCRA GEN, UST, OTHER



BRIGHT SOURCE/HIDDEN HILLS RANCH SOLAR/ESA, DEATH VALLEY C



Source: U.S. Census TIGER Files

- Area Polygon 
- Identified Site, Multiple Sites, Receptor   
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste 
- Triballand 
- Railroads 

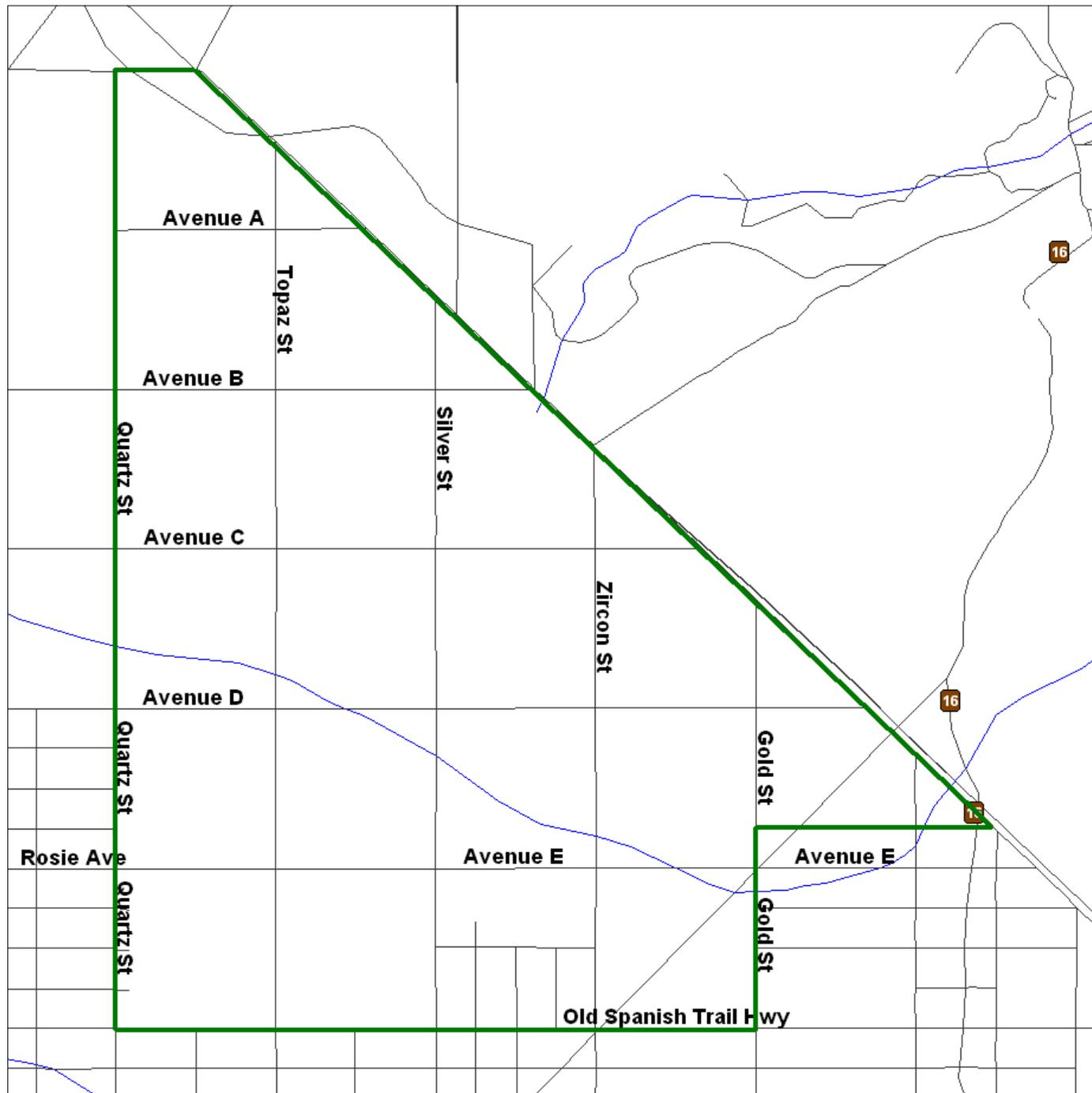


Environmental FirstSearch

.12 Mile Radius from Area
ASTM-05: Multiple Databases



BRIGHT SOURCE/HIDDEN HILLS RANCH SOLAR/ESA, DEATH VALLEY C



Source: U.S. Census TIGER Files

Area Polygon	
Identified Site, Multiple Sites, Receptor	
NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste	
Triballand.....	
Railroads	

***Environmental FirstSearch
Sites Summary Report***

Target Property: BRIGHT SOURCE/HIDDEN HILLS RANCH SOLAR/ESA
DEATH VALLEY CA 92328

JOB: 303200002

TOTAL: 2 **GEOCODED:** 0 **NON GEOCODED:** 2 **SELECTED:** 2

DB Type	Site Name/ID/Status	Address	Dist/Dir	ElevDiff	Map ID	Page No.
<i>STATE</i>	<i>TECOPA DISPOSAL SITE CAL14490036/PROPERTY/SITE REFERR</i>	<i>OLD SPANISH HIGHWAY, 3 MI E TECOPA CA 92389</i>	<i>NON GC</i>	<i>N/A</i>		<i>2</i>
<i>TRIBALLAND</i>	<i>BUREAU OF INDIAN AFFAIRS CONTA BIA-92328</i>	<i>UNKNOWN CA 92328</i>	<i>NON GC</i>	<i>N/A</i>		<i>3</i>

Environmental FirstSearch Site Detail Report

Target Property: BRIGHT SOURCE/HIDDEN HILLS RANCH SOLAR/ESA
DEATH VALLEY CA 92328

JOB: 303200002

STATE

SEARCH ID: 1 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

<p>NAME: TECOPA DISPOSAL SITE ADDRESS: OLD SPANISH HIGHWAY, 3 MI EAST OF TECOPA TECOPA CA 92389 Inyo CONTACT: SOURCE: CA EPA</p>	<p>REV: 07/03/00 ID1: CAL14490036 ID2: STATUS: PROPERTY/SITE REFERRED TO RWQC PHONE:</p>
--	---

OTHER SITE NAMES (blank below = not reported by agency)

TECOPA DISPOSAL SITE

GENERAL SITE INFORMATION

File Name (if different than site name):

Status: PROPERTY/SITE REFERRED TO RWQCB (REFRW)
AWP Site Type: N/A
NPL Site:
Fund:
Status Date: 01091990
Lead:
Staff:
Senior Supervisor:

DTSC Region and RWQCB : 1 / SACRAMENTO
Branch: CENTRAL CALIFORNIA
RWQCB: LAHONTAN
Site Access:

On Cortese List:
Groundwater Contamination:
Haz Ranking Score:
Haz Ranking Score:
Number of Sources Contributing to Contamination at the Site: 0

INFORMATION ON SPECIAL PROGRAMS THE SITE IS ASSOCIATED WITH (blank below = not reported by agency)

RURAL COUNTY SURVEY PROGRAM

PROJECTED ACTIVITIES (blank below = not reported by agency)

PROJECTED ACTIVITIES (blank below = not reported by agency)

Activity: DISCOVERY (DISC)
Activity Status: PROPERTY/SITE REFERRED TO RWQCB
Completion Due Date:
Revised Completion Due Date:
Date Activity Actually Completed: 01131988
Yards of Solids Removed: 0
Yards of Solids Treated: 0
Gallons of Liquid Removed: 0
Gallons of Liquid Treated: 0

Activity: (SS)
Activity Status: PROPERTY/SITE REFERRED TO RWQCB
Completion Due Date:
Revised Completion Due Date:
Date Activity Actually Completed: 01091990
Yards of Solids Removed: 0

- Continued on next page -

Environmental FirstSearch Site Detail Report

Target Property: BRIGHT SOURCE/HIDDEN HILLS RANCH SOLAR/ESA
DEATH VALLEY CA 92328

JOB: 303200002

STATE

SEARCH ID: 1 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: TECOPA DISPOSAL SITE
ADDRESS: OLD SPANISH HIGHWAY, 3 MI EAST OF TECOPA
TECOPA CA 92389
Inyo

REV: 07/03/00
ID1: CAL14490036
ID2:
STATUS: PROPERTY/SITE REFERRED TO RWQC
PHONE:

CONTACT:
SOURCE: CA EPA

Yards of Solids Treated: 0
Gallons of Liquid Removed: 0
Gallons of Liquid Treated: 0

DTSC COMMENTS REGARDING THIS SITE (blank below = not reported by agency)

DATE	COMMENT
01131988	Facility Identified: California Waste Management Board
01131988	(CWMB). SWIS 14-AA-0007. Site is located three miles east
01131988	of Tecopa on the Old Spanish Highway. Active permitted
01131988	disposal site receiving industrial processing wastes and
01131988	mixed municipal wastes. Site ranked 8 on State Water
01131988	Resources Control Board (SWRCB) Calderon List.
01091990	Site Screening Done: Site is on Calderon List and is
01091990	scheduled for SWRCB review/action.

***Environmental FirstSearch
Site Detail Report***

Target Property: BRIGHT SOURCE/HIDDEN HILLS RANCH SOLAR/ESA
DEATH VALLEY CA 92328

JOB: 303200002

TRIBALLAND

SEARCH ID: 2 **DIST/DIR:** NON GC **ELEVATION:** **MAP ID:**

NAME: BUREAU OF INDIAN AFFAIRS CONTACT INFORMATION
ADDRESS: UNKNOWN
CA 92328
INYO

REV: 01/15/08
ID1: BIA-92328
ID2:
STATUS:
PHONE:

CONTACT:
SOURCE: BIA

BUREAU OF INDIAN AFFAIRS CONTACT INFORMATION

OFFICE: Pacific Regional Office
CONTACT: CLAY GREGORY, REGIONAL DIRECTOR

ADDRESS: 2800 Cottage Way
Sacramento CA 95825

PHONE: Phone: 916-978-6000
FAX: Fax: 916-978-6099

The Native American Consultation Database (NACD) is a tool for identifying consultation contacts for Indian tribes, Alaska Native villages and corporations, and Native Hawaiian organizations. The database is not a comprehensive source of information, but it does provide a starting point for the consultation process by identifying tribal leaders and NAGPRA contacts. This database can be accessed online at the following web address <http://home.nps.gov/nacd/>

Environmental FirstSearch Descriptions

NPL: EPA NATIONAL PRIORITY LIST - The National Priorities List is a list of the worst hazardous waste sites that have been identified by Superfund. Sites are only put on the list after they have been scored using the Hazard Ranking System (HRS), and have been subjected to public comment. Any site on the NPL is eligible for cleanup using Superfund Trust money.

A Superfund site is any land in the United States that has been contaminated by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

FINAL - Currently on the Final NPL

PROPOSED - Proposed for NPL

NPL DELISTED: EPA NATIONAL PRIORITY LIST Subset - Database of delisted NPL sites. 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.

DELISTED - Deleted from the Final NPL

CERCLIS: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)- CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.

PART OF NPL- Site is part of NPL site

DELETED - Deleted from the Final NPL

FINAL - Currently on the Final NPL

NOT PROPOSED - Not on the NPL

NOT VALID - Not Valid Site or Incident

PROPOSED - Proposed for NPL

REMOVED - Removed from Proposed NPL

SCAN PLAN - Pre-proposal Site

WITHDRAWN - Withdrawn

NFRAP: EPA COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This 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 a potential NPL site.

NFRAP – No Further Remedial Action Plan

P - Site is part of NPL site

D - Deleted from the Final NPL

F - Currently on the Final NPL

N - Not on the NPL

O - Not Valid Site or Incident

P - Proposed for NPL

R - Removed from Proposed NPL

S - Pre-proposal Site

W – Withdrawn

RCRA COR ACT: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

RCRAInfo facilities that have reported violations and subject to corrective actions.

RCRA TSD: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that treat, store, dispose, or incinerate hazardous waste.

RCRA GEN: EPA/MA DEP/CT DEP RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM GENERATORS - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities that generate or transport hazardous waste or meet other RCRA requirements.

LGN - Large Quantity Generators

SGN - Small Quantity Generators

VGN – Conditionally Exempt Generator.

Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

CONNECTICUT HAZARDOUS WASTE MANIFEST – Database of all shipments of hazardous waste within, into or from Connecticut. The data includes date of shipment, transporter and TSD info, and material shipped and quantity. This data is appended to the details of existing generator records.

MASSACHUSETTES HAZARDOUS WASTE GENERATOR – database of generators that are regulated under the MA DEP.

VQN-MA = generates less than 220 pounds or 27 gallons per month of hazardous waste or waste oil.

SQN-MA = generates 220 to 2,200 pounds or 27 to 270 gallons per month of waste oil.

LQG-MA = generates greater than 2,200 lbs of hazardous waste or waste oil per month.

RCRA NLR: EPA RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of hazardous waste information contained in the Resource Conservation and Recovery Act Information (RCRAInfo), a national program management and inventory system about hazardous waste handlers. In general, all generators, transporters, treaters, storers, and disposers of hazardous waste are required to provide information about their activities to state environmental agencies. These agencies, in turn pass on the information to regional and national EPA offices. This regulation is governed by the Resource Conservation and Recovery Act (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984.

Facilities not currently classified by the EPA but are still included in the RCRAInfo database. Reasons for non classification:

Failure to report in a timely matter.

No longer in business.

No longer in business at the listed address.

No longer generating hazardous waste materials in quantities which require reporting.

ERNS: EPA/NRC EMERGENCY RESPONSE NOTIFICATION SYSTEM (ERNS) - Database of incidents reported to the National Response Center. These incidents include chemical spills, accidents involving chemicals (such as fires or explosions), oil spills, transportation accidents that involve oil or chemicals, releases of radioactive materials, sightings of oil sheens on bodies of water, terrorist incidents involving chemicals, incidents where illegally dumped chemicals have been found, and drills intended to prepare responders to handle these kinds of incidents. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

Tribal Lands: DOI/BIA INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are

Federally-administered lands within a reservation which may or may not be considered part of the reservation.
BUREAU OF INDIAN AFFIARS CONTACT - Regional contact information for the Bureau of Indian Affairs offices.

State/Tribal Sites: NV DOC CORRECTIVE ACTION CASES- The Bureau of Corrective Actions maintains a list of clean-up evaluations and actions regarding sites with actual or potential contamination that could affect groundwater. This includes various types of sites including those regulated under Nevada State legislation described in detail in the Nevada State web site under legislation section NAC445.226-NAC445.2739.

State/Tribal Sites: CA EPA SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system called Envirostor with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), formerly known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.

The SMBRPD displays information in six categories, two of which are found in ST. The categories listed under ST are:

1. State Response Sites.

2. School Property Evaluation Program Properties (SCH)

Please Note: Our reports list the above sites as DB Type (STATE). Other categories found in the SMBRPD are listed in our reports in the DB Types OT and VC.

Each Category contains information on properties based upon the type of work taking place at the site. State Response Sites contains only known and potential hazardous substance release sites considered as posing the greatest threat to the public. School sites included in ST will be found within the SMBRPD's School Property Evaluation Program.

CORTESE LIST-Pursuant to Government Code Section 65962.5, the Hazardous Waste and Substances Sites List has been compiled by Cal/EPA, Hazardous Materials Data Management Program to provide information about the location of hazardous materials release sites. Cortese List sites that fall under DTSC's guidelines for State Response sites are included in our reports in the ST category as are qualifying sites from the Annual Work Plan (formerly Bond Expenditure Plan) and the historic ASPIS databases.

State Spills 90: CA EPA SLIC REGIONS 1 - 9- The California Regional Water Quality Control Boards maintain report of sites that have records of spills, leaks, investigation, and cleanups.

State/Tribal SWL: NV DOC SOLID WASTE LANDFILLS-This division maintains an inventory of various solid waste facilities including open, closed, & permitted landfills, dumps, pesticide sites, and transfer stations. The inventory notes landfill class type and if the site is a private or government facility.

State/Tribal SWL: CA IWMB/SWRCB/COUNTY SWIS SOLID WASTE INFORMATION SYSTEM-The California Integrated Waste Management Board maintains a database on solid waste facilities, operations, and disposal sites throughout the state of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites. For more information on individual sites call the number listed in the source field..

Please Note: This database contains poor site location information for many sites in our reports; therefore, it may not be possible to locate or plot some sites in our reports.

WMUDS-The State Water Resources Control Board maintained the Waste Management Unit Database System (WMUDS). It is no longer updated. It tracked management units for several regulatory programs related to waste management and its potential impact on groundwater. Two of these programs (SWAT & TPCA) are no longer on-going regulatory programs as described below. Chapter 15 (SC15) is still an on-going regulatory program and information is updated periodically but not to the WMUDS database. The WMUDS System contains information from the following agency databases: Facility, Waste Management Unit (WMU), Waste Discharger System (WDS), SWAT, Chapter 15, TPCA, RCRA, Inspections, Violations, and Enforcement's.

Note: This database contains poor site location information for many sites in our reports; therefore, it may not be possible to locate or plot some sites in reports.

ORANGE COUNTY LANDFILLS LIST- A list maintained by the Orange County Health Department.

State/Tribal LUST: CA SWRCB/COUNTY LUSTIS- The State Water Resources Control Board maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks. Information for this database is collected from the states regional boards quarterly and integrated with this database.

SAN DIEGO COUNTY LEAKING TANKS- The San Diego County Department of Environmental Health

maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks within its HE17/58 database. For more information on a specific file call the HazMat Duty Specialist at phone number listed in the source information field.

State/Tribal LUST: NV DOC LEAKING UNDERGROUND STORAGE TANKS- This division maintains an inventory of sites with leaking underground storage tanks. It includes sites with tanks under investigation for potential leaks, confirmed leaks, and those to be closed.

WASHOE COUNTY LEAKING UNDERGROUND STORAGE TANKS- This department maintains a list of sites with leaking underground storage tanks. It includes sites with tanks under investigation for potential leaks, confirmed leaks, and those to be closed or needing emergency action.

State/Tribal UST/AST: NV DOC/EPA 9 UNDERGROUND STORAGE TANKS- This division maintains an inventory of underground storage tanks.

INDIAN LANDS UST LIST-A listing of underground storage tanks currently on Indian lands under federal jurisdiction. Nevada Indian Lands USTs are administered by US EPA Region 9.

ABOVE GROUND STORAGE TANKS- This division maintains an inventory of sites with above ground storage tanks. For more information regarding specific sites, please call the number listed above.

Please Note: AST sites are listed within the UST area of our reports. They can be identified as AST sites by the site ID number. The site ID number is located in the Site Summary or Site Details section of the report. The site ID notes "AST" before the agency id.

State/Tribal UST/AST: CA EPA/COUNTY/CITY ABOVEGROUND STORAGE TANKS LISTING-The Above Ground Petroleum Storage Act became State Law effective January 1, 1990. In general, the law requires owners or operators of AST's with petroleum products to file a storage statement and pay a fee by July 1, 1990 and every two years thereafter, take specific action to prevent spills, and in certain instances implement a groundwater monitoring program. This law does not apply to that portion of a tank facility associated with the production oil and regulated by the State Division of Oil and Gas of the Dept. of Conservation.

SWEEPS / FIDS STATE REGISTERED UNDERGROUND STORAGE TANKS- Until 1994 the State Water Resources Control Board maintained a database of registered underground storage tanks statewide referred to as the SWEEPS System. The SWEEPS UST information was integrated with the CAL EPA's Facility Index System database (FIDS) which is a master index of information from numerous California agency environmental databases. That was last updated in 1994. We have included the UST information from the FIDS database in our reports for historical purposes to help our clients identify where tanks may possibly have existed. For more information on specific sites from individual paper files archived at the State Water Resources Control Board call the number listed with the source information.

INDIAN LANDS UNDERGROUND STORAGE TANKS LIST- A listing of underground storage tanks currently on Indian Lands under federal jurisdiction. California Indian Land USTs are administered by US EPA Region 9.

CUPA DATABASES & SOURCES- Definition of a CUPA: A Certified Unified Program Agency (CUPA) is a local agency that has been certified by the CAL EPA to implement six state environmental programs within the local agency's jurisdiction. These can be a county, city, or JPA (Joint Powers Authority). This program was established under the amendments to the California Health and Safety Code made by SB 1082 in 1994.

A Participating Agency (PA) is a local agency that has been designated by the local CUPA to administer one or more Unified Programs within their jurisdiction on behalf of the CUPA. A Designated Agency (DA) is an agency that has not been certified by the CUPA but is the responsible local agency that would implement the six unified programs until they are certified.

Please Note: We collect and maintain information regarding Underground Storage Tanks from the majority of the CUPAS and Participating Agencies in the State of California. These agencies typically do not maintain nor release such information on a uniform or consistent schedule; therefore, currency of the data may vary. Please look at the details on a specific site with a UST record in the First Search Report to determine the actual currency date of the record as provided by the relevant agency. Numerous efforts are made on a regular basis to obtain updated records.

State/Tribal IC: CA EPA DEED-RESTRICTED SITES LISTING- The California EPA's Department of Toxic Substances Control Board maintains a list of deed-restricted sites, properties where the DTSC has placed limits or requirements on the future use of the property due to varying levels of cleanup possible, practical or necessary at the site.

State/Tribal VCP: CA EPA SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system called Envirostor with information about sites that

are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), formerly known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances. The Voluntary Cleanup Program (VCP) category contains only those properties undergoing voluntary investigation and/or cleanup and which are listed in the Voluntary Cleanup Program.

Please Note: Our reports list the above sites as DB Type VC.

State/Tribal Brownfields: *NV DOC/EPA* BROWNFIELDS SITES- The Bureau of Corrective Actions maintains a list of brownfield sites as part of its listing of clean-up evaluations and actions regarding sites with actual or potential contamination that could affect groundwater. The NDEP defines a brownfield as an abandoned, idled, or underused industrial or commercial properties taken out of productive use because of real or perceived risks from environmental contamination.

Brownfields Management System (BMS) is an analytical database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant Programs.

RADON: *NTIS* NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

State Permits: *CA EPA/COUNTY* SAN DIEGO COUNTY HE17 PERMITS- The HE17/58 database tracks establishments issued permits and the status of their permits in relation to compliance with federal, state, and local regulations that the County oversees. It tracks if a site is a hazardous waste generator, TSD, gas station, has underground tanks, violations, or unauthorized releases. For more information on a specific file call the HazMat Duty Specialist at the phone number listed in the source information field.

SAN BERNARDINO COUNTY HAZARDOUS MATERIALS PERMITS- Handlers and Generators Permit Information Maintained by the Hazardous Materials Division.

State Other: *CA EPA/COUNTY* SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system called Envirostor with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), formerly known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.

The SMBRPD displays information in six categories, two of which are found in ST. The categories listed under OT are:

1. Unconfirmed Properties Referred to Another Local or State Agency (REF)
2. Properties where a No Further Action Determination has been made (NFA)

Please Note: Our reports list the above sites as DB Type (OTHER). Other categories found in the SMBRPD are listed in our reports in the DB Types ST and VC.

LA COUNTY SITE MITIGATION COMPLAINT CONTROL LOG- The County of Los Angeles Public Health Investigation Compliant Control Log.

ORANGE COUNTY INDUSTRIAL SITE CLEANUPS- List maintained by the Orange County Environmental Health Agency.

RIVERSIDE COUNTY WASTE GENERATORS-A list of facilities in Riverside County which generate hazardous waste.

SACRAMENTO COUNTY MASTER HAZMAT LIST-Master list of facilities within Sacramento County with potentially hazardous materials.

SACRAMENTO COUNTY TOXIC SITE CLEANUPS-A list of sites where unauthorized releases of potentially hazardous materials have occurred.

HW Manifest: *CA EPA* DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE MANIFEST INVENTORY-Records maintained by the CA DTSC of Hazardous Waste Manifests used to track and document the transport of hazardous waste from a generator's site to the site of its final disposition.

Environmental FirstSearch Database Sources

NPL: *EPA* Environmental Protection Agency

Updated quarterly

NPL DELISTED: *EPA* Environmental Protection Agency

Updated quarterly

CERCLIS: *EPA* Environmental Protection Agency

Updated quarterly

NFRAP: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA COR ACT: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA TSD: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA GEN: *EPA/MA DEP/CT DEP* Environmental Protection Agency, Massachusetts Department of Environmental Protection, Connecticut Department of Environmental Protection

Updated quarterly

RCRA NLR: *EPA* Environmental Protection Agency

Updated quarterly

ERNS: *EPA/NRC* Environmental Protection Agency

Updated annually

Tribal Lands: *DOI/BIA* United States Department of the Interior

Updated annually

State/Tribal Sites: *NV DOC* The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions

Updated quarterly/when available

State/Tribal Sites: CA EPA The CAL EPA, Depart. Of Toxic Substances Control
Phone: (916) 323-3400

Updated quarterly/when available

State Spills 90: CA EPA The California State Water Resources Control Board

Updated when available

State/Tribal SWL: NV DOC The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions

Updated annually/when available

State/Tribal SWL: CA IWMB/SWRCB/COUNTY The California Integrated Waste Management Board
Phone:(916) 255-2331
The State Water Resources Control Board
Phone:(916) 227-4365
Orange County Health Department

Updated quarterly/when available

State/Tribal LUST: CA SWRCB/COUNTY The California State Water Resources Control Board
Phone:(916) 227-4416
San Diego County Department of Environmental Health

Updated quarterly/when available

State/Tribal LUST: NV DOC The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions
Phone: (775) 687-4670
Washoe County Department of Environmental Health

Updated quarterly/when available

State/Tribal UST/AST: NV DOC/EPA 9 The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions
Phone: (775) 687-4670
US EPA Region 9, Underground Storage Tank Program

Updated quarterly/when available

State/Tribal UST/AST: CA EPA/COUNTY/CITY The State Water Resources Control Board
Phone:(916) 227-4364
CAL EPA Department of Toxic Substances Control
Phone:(916)227-4404
US EPA Region 9 Underground Storage Tank Program
Phone: (415) 972-3372
ALAMEDA COUNTY CUPAS:
* County of Alameda Department of Environmental Health

* Cities of Berkeley, Fremont, Hayward, Livermore / Pleasanton, Newark, Oakland, San Leandro, Union

ALPINE COUNTY CUPA:
* Health Department (Only updated by agency sporadically)

AMADOR COUNTY CUPA:
* County of Amador Environmental Health Department

BUTTE COUNTY CUPA
* County of Butte Environmental Health Division (Only updated by agency biannually)

CALAVERAS COUNTY CUPA:
* County of Calaveras Environmental Health Department

COLUSA COUNTY CUPA:
* Environmental Health Dept.

CONTRA COSTA COUNTY CUPA:
* Hazardous Materials Program

DEL NORTE COUNTY CUPA:
* Department of Health and Social Services

EL DORADO COUNTY CUPAS:
* County of El Dorado Environmental Health - Solid Waste Div (Only updated by agency annually)
* County of El Dorado EMD Tahoe Division (Only updated by agency annually)

FRESNO COUNTY CUPA:
* Haz. Mat and Solid Waste Programs

GLENN COUNTY CUPA:
* Air Pollution Control District

HUMBOLDT COUNTY CUPA:
* Environmental Health Division

IMPERIAL COUNTY CUPA:
* Department of Planning and Building

INYO COUNTY CUPA:
* Environmental Health Department

KERN COUNTY CUPA:
* County of Kern Environmental Health Department
* City of Bakersfield Fire Department

KINGS COUNTY CUPA:
* Environmental Health Services

LAKE COUNTY CUPA:
* Division of Environmental Health

LASSEN COUNTY CUPA:
* Department of Agriculture

LOS ANGELES COUNTY CUPAS:
* County of Los Angeles Fire Department CUPA Data as maintained by the Los Angeles County Department of Public Works
* County of Los Angeles Environmental Programs Division
* Cities of Burbank, El Segundo, Glendale, Long Beach/Signal Hill, Los Angeles, Pasadena, Santa Fe Springs, Santa Monica, Torrance, Vernon

MADERA COUNTY CUPA:
* Environmental Health Department

MARIN COUNTY CUPA:
* County of Marin Office of Waste Management
* City of San Rafael Fire Department

MARIPOSA COUNTY CUPA:
* Health Department

MENDOCINO COUNTY CUPA:
* Environmental Health Department

MERCED COUNTY CUPA:
* Division of Environmental Health

MODOC COUNTY CUPA:
* Department of Agriculture

MONO COUNTY CUPA:
* Health Department

MONTEREY COUNTY CUPA:
* Environmental Health Division

NAPA COUNTY CUPA:

- * Hazardous Materials Section

NEVADA COUNTY CUPA:

- * Environmental Health Department

ORANGE COUNTY CUPAS:

- * County of Orange Environmental Health Department
- * Cities of Anaheim, Fullerton, Orange, Santa Ana
- * County of Orange Environmental Health Department

PLACER COUNTY CUPAS:

- * County of Placer Division of Environmental Health Field Office
- * Tahoe City
- * City of Roseville Roseville Fire Department

PLUMAS COUNTY CUPA:

- * Environmental Health Department

RIVERSIDE COUNTY CUPA:

- * Environmental Health Department

SACRAMENTO COUNTY CUPA:

- * County Environmental Mgmt Dept, Haz. Mat. Div.

SAN BENITO COUNTY CUPA:

- * City of Hollister Environmental Service Department

SAN BERNARDINO COUNTY CUPAS:

- * County of San Bernardino Fire Department, Haz. Mat. Div.
- * City of Hesperia Hesperia Fire Prevention Department
- * City of Victorville Victorville Fire Department

SAN DIEGO COUNTY CUPA:

- * The San Diego County Dept. of Environmental Health HE 17/58

SAN FRANCISCO COUNTY CUPA:

- * Department of Public Health

SAN JOAQUIN COUNTY CUPA:

- * Environmental Health Division

SAN LUIS OBISPO COUNTY CUPAS:

- * County of San Luis Obispo Environmental Health Division
- * City of San Luis Obispo City Fire Department

SAN MATEO COUNTY CUPA:

- * Environmental Health Department

SANTA BARBARA COUNTY CUPA:

- * County Fire Dept Protective Services Division

SANTA CLARA COUNTY CUPAS:

- * County of Santa Clara Hazardous Materials Compliance Division
- * Santa Clara County Central Fire Protection District (Covers Campbell, Cupertino, Los Gatos, & Morgan Hill)
- * Cities of Gilroy, Milpitas, Mountain View, Palo Alto, San Jose Fire, Santa Clara, Sunnyvale

SANTA CRUZ COUNTY CUPA:

- * Environmental Health Department

SHASTA COUNTY CUPA:

- * Environmental Health Department

SIERRA COUNTY CUPA:

- * Health Department

SISKIYOU COUNTY CUPA:

- * Environmental Health Department

SONOMA COUNTY CUPAS:

- * County of Sonoma Department Of Environmental Health
- * Cities of Healdsburg / Sebastopol, Petaluma, Santa Rosa

STANISLAUS COUNTY CUPA:

- * Department of Environmental Resources Haz. Mat. Division

SUTTER COUNTY CUPA:

- * Department of Agriculture

TEHAMA COUNTY CUPA:

- * Department of Environmental Health

TRINITY COUNTY CUPA:

- * Department of Health

TULARE COUNTY CUPA:

* Environmental Health Department

TUOLUMNE COUNTY CUPA:

* Environmental Health

VENTURA COUNTY CUPAS:

* County of Ventura Environmental Health Division

* Cities of Oxnard, Ventura

YOLO COUNTY CUPA:

* Environmental Health Department

YUBA COUNTY CUPA:

Updated quarterly/annually/when available

State/Tribal IC: CA EPA The California EPA Department of Toxic Substances Control.

Updated Updated quarterly/annually/when available

State/Tribal VCP: CA EPA The California EPA Department of Toxic Substances Control.

Updated Updated quarterly/annually/when available

State/Tribal Brownfields: NV DOC/EPA The Nevada Department of Conservation and Natural Resources, Division of Environmental Protection (NDEP), Bureau of Corrective Actions
Phone: (775) 687-4670

Updated when available

RADON: NTIS Environmental Protection Agency, National Technical Information Services

Updated periodically

State Permits: CA EPA/COUNTY The San Diego County Depart. Of Environmental Health
Phone:(619) 338-2211
San Bernardino County Fire Department

Updated quarterly/when available

State Other: CA EPA/COUNTY The CAL EPA, Depart. Of Toxic Substances Control
Phone: (916) 323-3400

The Los Angeles County Hazardous Materials Division

Phone: (323) 890-7806

Orange County Environmental Health Agency

Phone: (714) 834-3536

Riverside County Department of Environmental Health, Hazardous Materials Management Division

Phone:(951) 358-5055

Sacramento County Environmental Management Department

Updated quarterly/when available

HW Manifest: CA EPA

CAL EPA, Department of Toxic Substances Control

Updated annually/when available

APPENDIX D

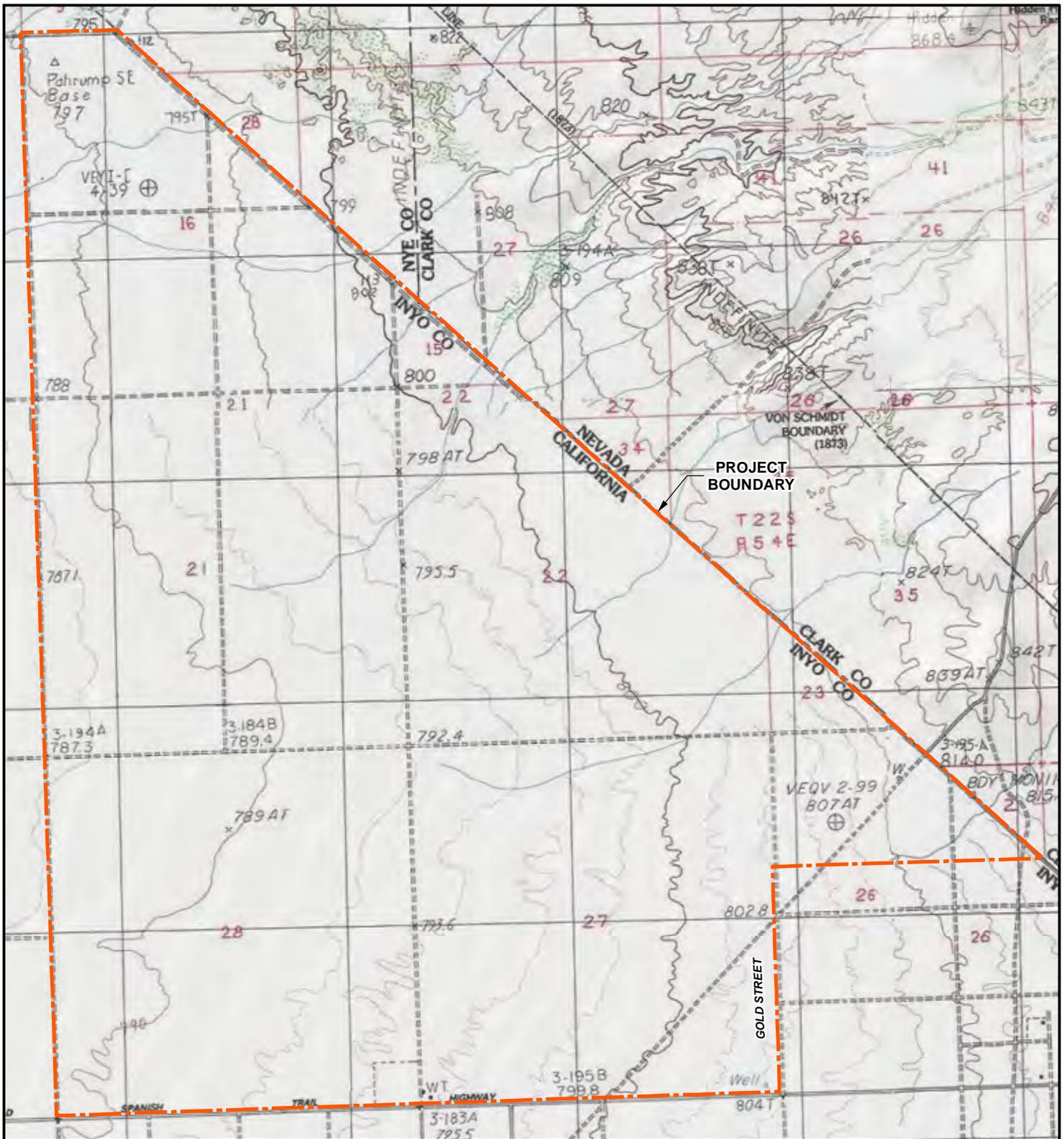
HISTORICAL RESEARCH DOCUMENTATION

- D-1 - Historical Topographic Maps
- D-2 - Aerial Photograph

APPENDIX D-1

HISTORICAL RESEARCH DOCUMENTATION

Historical Topographic Maps



SOURCE: Base - USGS 7.5 Minute Topographic Quadrangle - Mound Spring, NV; Stump Spring, CA; Calvada Springs, CA.
 Copyright: © 2011 National Geographic Society, I-cubed

NOTE: DIRECTIONS, DIMENSIONS AND LOCATIONS ARE APPROXIMATE



Ninyo & Moore

HISTORICAL TOPOGRAPHIC MAP

APPENDIX

PROJECT NO.	DATE
303200002	5/11

HIDDEN HILLS SOLAR FACILITY
 OLD SPANISH TRAIL HIGHWAY AND GOLD STREET
 INYO COUNTY, CALIFORNIA

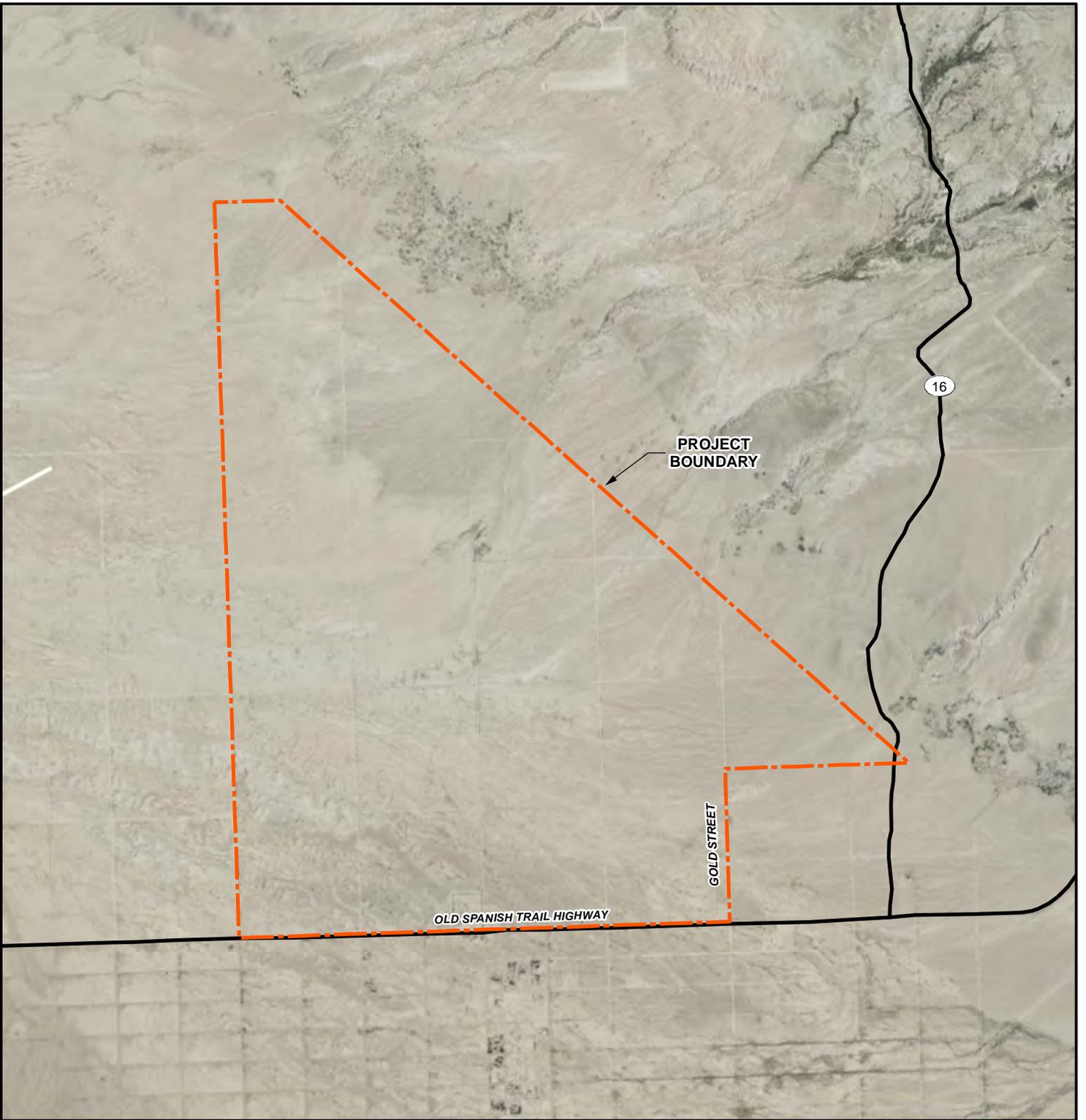
D-1

APPENDIX D-2

HISTORICAL RESEARCH DOCUMENTATION

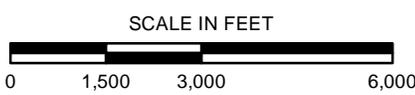
Aerial Photograph

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SOURCE: Aerial Imagery - Photo Date: July, 2009, ESRI, i-cubed, USDA FSA, USGS, AEX, GeoEye, Getmapping, Aerogrid, IGP.

NOTE: DIRECTIONS, DIMENSIONS AND LOCATIONS ARE APPROXIMATE



Ninyo & Moore		AERIAL PHOTOGRAPH	APPENDIX
PROJECT NO.	DATE	HIDDEN HILLS SOLAR FACILITY OLD SPANISH TRAIL HIGHWAY AND GOLD STREET INYO COUNTY, CALIFORNIA	D-2
303200002	5/11		

APPENDIX E
OWNER INTERVIEW DOCUMENTATION

PHASE I ENVIRONMENTAL SITE ASSESSMENT SITE INFORMATION QUESTIONNAIRE

Please answer the following questions in good faith and to the best of your knowledge, and provide as much detail as possible. Thank you for your assistance.

General Information

Site Name: **Hidden Hills Ranch Solar Electric Generating System (HHR SEGS)**

Street Addresses (list all addresses, current and historical):

Property Boundary: **Township 22 North, Range 10 East. Sections 16, 21, 22, 23, 26, 27 and 28**

Assessor's Parcel Number(s):

See attached - **Hidden Hills Ranch Phase 1 APN #'s**

City/State/Zip:

Inyo County, Tecopa Road - Charleston View, CA

Site Owner:

Mary Wiley Trust, Mary Jane McMonigle individually, and Section 20 LLC

Current Site Occupants (name and nature of business): **None**

Site Description

Size of Site (acreage/square feet): **3100 acres**

Date(s) of construction of current buildings: **N/A**

No. of Buildings/No. of Floors: **N/A**

Square Footage of Building(s): **N/A**

Construction Type (tilt-up, wood-framed, etc.): **N/A**

Current Site Use(s)/Dates of Operation: **N/A**

Type of heating/cooling system(s): (electric, natural gas, other): **N/A**

Location of heating/cooling system (roof, boiler room, etc.): **N/A**

Utility Information

Name of water supplier: **None**

Name of electrical/natural gas utility company: **Southern California Edison (Electrical)**

Name of sewer services provider: **None**

Is site on a septic system? **None**

Trash pick-up/waste management method: **None**

Equipment On the Site (please list number and location of current or historical features)

Underground storage tanks? **None**

Aboveground storage tanks? **None, except Water tank for fire fighters on SW corner of Section 27**

Elevators/type (hydraulic, traction)? **None**

Hydraulic lifts? **None**

Electrical transformers? **None**

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
SITE INFORMATION QUESTIONNAIRE**

Please answer the following questions in good faith and to the best of your knowledge, and provide as much detail as possible. Thank you for your assistance.

Floor drains?	None
Sumps and/or clarifiers?	None
Wells (water, oil, geothermal, dry, groundwater)?	5 out of service wells
Pipelines crossing the site (underground or aboveground)?	None
Hazardous Building Materials	
Any asbestos-containing materials on the site?	None
Any lead-based paint on the site?	None
Hazardous Materials/Wastes	
Please describe on-site processes involving the use of chemicals. None	
Are hazardous materials present on the site, including pesticides, maintenance supplies, pool chemicals? If so, please describe the materials and method of storage. None Known	
Are hazardous wastes generated or stored on the site? If so, please describe the wastes and method of storage and disposal. None	
Site History	
What is the history of the site? What activities have occurred on the site in the past (e.g., ranching, residential, auto maintenance, etc.)? There was some cattle grazing on the land years ago, and part of the land (the southern part of Section 28) was used to grow melons and Peaches.	
Has the site been used for any of the following (circle or describe): None	
<ul style="list-style-type: none"> • Gas Station • Automotive Repair • Dry Cleaning • Commercial printing 	<ul style="list-style-type: none"> • Photo Developing Laboratory • Agricultural (farming or ranching) • Junkyard or Staging Area • Landfill or Recycling Facility • Shooting range
Were any structures or features (sheds, barns, homes, etc.) located on the site in the past that have since been demolished or are no longer obvious? None Known	
Has there been any dumping or burning of trash on the site (legally or illegally)? There may be some trash dumped by others, illegally.	
Have fill soils ever been brought to the site (e.g., to fill in a canyon, provide foundation for a structure, etc.)? NO	
Have any major building renovation/demolition activities been performed at the site? NO	
How deep is groundwater at the site? About 180 feet to water level	

PHASE I ENVIRONMENTAL SITE ASSESSMENT
SITE INFORMATION QUESTIONNAIRE

Please answer the following questions in good faith and to the best of your knowledge, and provide as much detail as possible. Thank you for your assistance.

Environmental Issues
Are you aware of any current or former environmental issues at the site or at any nearby properties (spills, cleanups, groundwater contamination, etc.)? If so, please describe. <i>None known</i>
Are you aware of any of the following issues associated with the site or adjacent properties (circle or describe): <i>No</i> <ul style="list-style-type: none">• Surface water run-on or run-off problems• Standing water• Stained soil• Distressed vegetation/wildlife• Foul odors
Are you aware of any contamination existing in soils or groundwater on the site, currently or in the past? <i>No</i>
Are you aware of any environmental cleanup liens or deed restrictions against the site that are filed or recorded under federal, tribal, state or local law? <i>NO</i>
Are you aware of any activity and/or land use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the site and /or have been filed or recorded in a registry under federal, tribal, state or local law? <i>California Patent Restrictions</i>
As the user of this Phase I ESA, do you have any specialized knowledge or experience related to the site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? (User only)
Does the purchase price being paid for the site reasonably reflect the fair market value of the site? if you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the site? <i>Yes</i>
Are you aware of commonly known or reasonably ascertainable information about the site that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as the user, <ul style="list-style-type: none">• do you know the past uses of the site? <i>Yes - listed above.</i>• do you know of any specific chemicals that are present or once were present? <i>NO</i>• do you know of any spills or other chemical releases that have taken place? <i>NO</i>• do you know of any environmental cleanups that have taken place? <i>NO</i>
As the user of this Phase I ESA, based on your knowledge and experience related to the site, are there any obvious indicators that point to the presence or likely presence of contamination at the site? (User only)

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
SITE INFORMATION QUESTIONNAIRE**

Please answer the following questions in good faith and to the best of your knowledge, and provide as much detail as possible. Thank you for your assistance.

Environmental Reports, Permits and Documentation
Are there any environmental permits for equipment/activities on the site? <i>NO</i>
Are you aware of any previous environmental reports or other documents that have been prepared regarding the site? <i>Yes - From mid 1970's: already provided</i>
What is the reason that this Phase I ESA is being conducted? To support the development of a (500 MW) Solar Power Plant
What is the type of site transaction that will occur? (e.g., sale, purchase, refinance, exchange, etc.) Land lease
Can you provide contact information for former owners, occupants, or managers of the site? <i>Steven R. Scow, Attorney for current owners</i>
Can you provide copies of title reports, tax records, land title records, zoning or land use records for the site? <i>Yes - Bright Source Energy has these things</i>
Who is the site contact, and how can they best be reached? <i>Steven R. Scow Attorney for Current Owners 612 S. 7th St Las Vegas, Nevada 89101 702-385-7269</i>
Any other persons who are knowledgeable about the history or environmental status of the site? If so, please provide contact information. <i>NONE</i>
Please inform us if there are any confidentiality concerns associated with preparation of this report. For example, would it be appropriate for us to interview neighbors, if necessary? <i>NO CONCERNS</i>
Name of Individual Completing this Questionnaire: <i>Mary Jane McMonigle</i>
Title/ Company: <i>Co-Trustee, individual owner & Manager of Section 20 LLC</i>
Date Questionnaire Completed: <i>June 8, 2011</i>
Signature/Date: <i>Mary Jane McMonigle</i>

APPENDIX F
ENVIRONMENTAL PROFESSIONAL QUALIFICATIONS

RANDY S. KYES
PROJECT ENVIRONMENTAL SCIENTIST

EDUCATION

B.A., 2004, University of Nevada, Las Vegas

M.S., Environmental Science & Water Science, In-Progress (Expected 2014), University of Idaho, Moscow, Idaho

REGISTRATIONS AND CERTIFICATIONS

40-hour OSHA HAZWOPER

EXPERTISE

Surface Water Hydrology
Environmental Site Assessments
Water Quality/Environmental Sampling

EXPERIENCE HIGHLIGHTS

Surface and Groundwater Resources
Hydrologic Studies
Brownfields Assessments

PROFESSIONAL AFFILIATIONS

Nevada Water Resources Association

Mr. Kyes' professional experience includes conducting hydrologic resource studies of surface water and groundwater resources throughout the Great Basin and Mojave deserts; assessment of soil and groundwater conditions; conducting environmental site assessment (ESA) investigations of federal, municipal, commercial, and industrial properties; preparing work plans and project specifications for air quality monitoring systems; and preparing comprehensive environmental reports.

REPRESENTATIVE PROJECT EXPERIENCE

Whitney Mesa Parcels, Henderson, Nevada: Project Manager for a Phase I Environmental Site Assessment of approximately 185-acres of undeveloped municipal land in Henderson, Nevada. The Phase I was prepared as part of a Supplemental Environmental Impact Statement for a proposed city park. Mr. Kyes' duties included client liaison; review of historical records relating to site ownership and past property use; review of regulatory agency records, historical aerial photographs, and topographic maps; conducting a field reconnaissance and inspection; and preparation of a written report, including data analysis, conclusions, and recommendations.

Desert Spring Proposed Solar Project, Clark County, Nevada: Project Manager for a Phase I Environmental Site Assessment of approximately 3,800 acres of federal public land near Apex, Nevada. Mr. Kyes' duties included client liaison; review of historical records relating to site ownership and past property use; review of regulatory agency records, historical aerial photographs, and topographic maps; conducting a field reconnaissance and inspection; and preparation of a written report, including data analysis, conclusions, and recommendations.

South Ridge Proposed Solar Project, Clark and Nye Counties, Nevada: Project Manager for a Phase I Environmental Site Assessment of approximately 2,650 acres of federal public land near Indian Springs, Nevada. Mr. Kyes' duties included client liaison; review of historical records relating to site ownership and past property use; review of regulatory agency records, historical aerial photographs, and topographic maps; conducting a field reconnaissance and inspection; and preparation of a written report, including data analysis, conclusions, and recommendations.

Las Vegas City Hall Campus, Las Vegas, Nevada: Project Manager for a Phase I Environmental Site Assessment of approximately 7.77 acres of municipal land which comprises the Las Vegas City Hall. Mr. Kyes' duties included client liaison; review of historical records relating to site ownership and past property use; review of regulatory agency records, historical aerial photographs, and topographic maps; conducting a field reconnaissance and inspection; and preparation of a written report, including data analysis, conclusions, and recommendations.

Pittman Wash UPRR-Santiago, Henderson, Nevada: Project Manager for a Phase I Environmental Site Assessment of approximately 2,530 linear feet of the Pittman Wash in Henderson, Nevada. Mr. Kyes' duties included client liaison; review of historical records relating to site ownership and past property use; review of regulatory agency records, historical aerial photographs, and topographic maps; conducting a field reconnaissance and inspection; and preparation of a written report, including data analysis, conclusions, and recommendations.

REPRESENTATIVE PROJECT EXPERIENCE (continued)

Sahara Retail Center, Las Vegas, Nevada: Project Manager for a quarterly groundwater monitoring and remediation project at a former gas station site containing petroleum contaminated groundwater. Mr. Kyes' duties include client liaison, performing groundwater sampling and analysis, coordinating laboratory testing, preparing a groundwater assessment reports, implementing corrective action plans, and regulatory coordination.

Brownfields Assessment, various parcels, Nye County, Nevada: Staff Environmental Scientist conducting Phase I Environmental Site Assessments for a Brownfields Community-Wide Petroleum Assessment grant for the Town of Tonopah, Nye County, Nevada. Mr. Kyes' duties included review of historical records relating to site ownership and past property use; review of regulatory agency records, historical aerial photographs, and topographic maps; performance of a field reconnaissance and inspection; and preparation of a written report, including documentation to support our analysis, conclusions, and recommendations.

Brownfields Assessment, various parcels, North Las Vegas, Nevada: Senior Environmental Technician conducting Phase I Environmental Site Assessments for a Brownfields Community-Wide Petroleum Assessment grant for the City of North Las Vegas. Mr. Kyes' duties included review of historical records relating to site ownership and past property use; review of regulatory agency records, historical aerial photographs, and topographic maps; performance of a field reconnaissance and inspection; and preparation of a written report, including documentation to support our analysis, conclusions, and recommendations.

Warm Springs Ranch Parcels, Moapa, Nevada: Senior Environmental Technician for Phase I Environmental Site Assessment of 18 parcels comprising approximately 1,200 acres of agricultural and undeveloped land at the Warm Springs Ranch, Moapa, Nevada. Mr. Kyes' duties included client liaison; review of historical records relating to site ownership and past property use; review of regulatory agency records, historical aerial photographs, and topographic maps; conducting a field reconnaissance and inspection; and preparation of a written report, including data analysis, conclusions, and recommendations.

Former Las Vegas Gun Club, Las Vegas, Nevada: Senior Staff Environmental Scientist during a soil investigation to evaluate impacts to soil at a former gun club on the Floyd Lamb Park at Tule Springs property. Duties included preparation of sampling plan, coordination with clients and property tenants, sampling of soil, decontamination of equipment, and submittal of sample to laboratory for analytical analysis. Mr. Kyes compiled the laboratory data in an environmental report that also presented our findings, conclusions, and recommendations.

Gateway Remediation System, Las Vegas, Nevada: Staff Environmental Scientist for this groundwater remedial action of a former gasoline station site. This major street improvement project had petroleum hydrocarbon contamination in the soil and groundwater in the proposed roadway realignment. Ninyo & Moore was contracted by the City of Las Vegas to remediate the site while maintaining traffic and pedestrian flow. Mr. Kyes conducted routine maintenance on the remediation system, injected hydrogen peroxide solution into selected monitoring wells, conducted the quarterly groundwater monitoring and sampling, and prepared the quarterly monitoring report.

Mizpah Hotel, Tonopah, Nevada: Project Manager for a Phase I Environmental Site Assessment of the historic Mizpah Hotel, which is listed on the National Register of Historic Places. Mr. Kyes' duties included client liaison; review of historical records relating to site ownership and past property use; review of regulatory agency records, historical aerial photographs, and topographic maps; conducting a field reconnaissance and inspection; and preparation of a written report, including data analysis, conclusions, and recommendations.

In-State Water Resources Project, Southern Nevada Water Authority, East-Central Nevada and Western Utah: Senior Hydrogeologist studying water resources in East-Central and Southern Nevada, and western Utah. Mr. Kyes' duties, as lead field hydrologist, included collecting and analyzing hydrologic data in accordance with federal and state monitoring requirements. Other duties included preparing, analyzing, and publishing hydrologic data, including precipitation/runoff analysis, and historical surface-water and groundwater analysis, training employees, and authoring operating procedures. Co-authored water data and monitoring reports.

ALBERT P. RIDLEY, PG, CEM
PRINCIPAL GEOLOGIST

EDUCATION

MS, Geology, 1971, San Jose State University, San Jose, California

BS, Geology, 1967, San Jose State University, San Jose, California

REGISTRATIONS AND CERTIFICATIONS

CEM 1061 (Nevada)

CEG 926 (California)

CEG 298 (Oregon)

PG 10284 (Texas)

PG 3169 (California)

PG 672 (Oregon)

CPG 5349178-2250 (Utah)

EXPERTISE

Environmental Assessment

Engineering Geology

Geologic Hazards Evaluation

EXPERIENCE HIGHLIGHTS

Renewable Energy Permitting

Embankment Dam Construction

Groundwater Assessments

PROFESSIONAL AFFILIATIONS

Association of Environmental and Engineering Geologists

Society of American Military Engineers

PUBLICATIONS

Tunnel Constructability, Engineering Geology and Geotechnical Issues - SCOP Reach 3 Tunnel, Las Vegas, Nevada. AEG Annual Meeting, 2008

Handling the Difficult Brownfields Issues: A Case Study of Privately Funded Remediation to Residential Standards. AWMA's 90th Annual Meeting & Exh., Toronto, Ontario, Canada, June 1997

Performing Environmental Assessments, Site Assessments and Environmental Audits in Property and Real Estate Transactions. ASCE, San Francisco Section, March-April 1989

Mr. Ridley's professional experience includes managing multidisciplinary geologic and environmental investigations. He has conducted environmental permitting studies for renewable energy projects, including a solar energy facility in Southern Nevada and in Southeastern California, and a wind energy project in Northern California. He has performed numerous Phase I and II Environmental Site Assessments of properties planned for commercial and public works developments; performed investigations of soil and groundwater conditions; managed redevelopment projects for industrial and manufacturing clients.

REPRESENTATIVE PROJECT EXPERIENCE

Boulder City Solar Facility, Boulder City, Nevada: Project Manager during an Environmental Evaluation of a planned 1,100-acre photovoltaic solar energy facility in the Boulder City Energy Zone. The project included assessment of impacts to water resources, air quality, soils and geology, biological and historical resources in order to develop an Environmental Statement to support the Utility Environmental Protection Act application for a Permit to Construct. This submittal resulted in the Nevada Public Utilities Commission issuing a Permit to Construct for this facility.

Solar Energy Facility, Inyo County, California: Geology Task Manager during a Preliminary Geotechnical Evaluation of a proposed 4,000-acre solar-thermal energy facility in Inyo County California. Mr. Ridley was responsible for technical review of geological and geotechnical exploration at the site and development of the preliminary assessment of geologic hazards for the planned development.

Wind Energy Facility, Altamont Pass, California: Geology Task Manager during geotechnical assessment of proposed locations of multiple wind turbines near Livermore, California. Mr. Ridley was responsible for interpretation of potential slope stability issues, including the location of ancient landslides. He conducted field studies, mapped the extent of ancient landslide deposits, and provided an assessment of slope stability risks for the proposed wind turbine structures.

Decatur Boulevard Access Road, Pump Station, and Reservoir, Clark County, Nevada: Project Manager during an Environmental Assessment (EA) for design of a 1 mile long asphalt concrete paved access road within an existing 65-foot right-of-way on United States Bureau of Land Management (BLM) land to provide access to the new Clark County Shooting Park. The project also included construction of a pump station and a 50,000-gallon reservoir. Mr. Ridley assisted in obtaining necessary permits from BLM for construction of the roadway extension, and provided project supervision and oversight during the Botanical Survey of potential endangered species and development of a Paleontological Discovery Plan.

Veterans Affairs Medical Center, North Las Vegas, Nevada: Project Manager during a Phase I ESA and an Environmental Assessment (EA) for the planned six-story medical complex on approximately 145 acres of land transferred from the BLM in North Las Vegas. Mr. Ridley's duties included providing project supervision and oversight; reviewing historical records and evidence of release of petroleum or hazardous materials; performing an assessment of impacts to environmental resources; and preparing a report documenting the findings, conclusions, and recommendations.

REPRESENTATIVE PROJECT EXPERIENCE (continued)

Gowan Outfall, Lone Mountain Branch, North Las Vegas, Nevada: Project Manager during a Phase I ESA and a Section 8 Environmental Analysis for 2 miles of reinforced concrete box (RCB) flood control structure along Lone Mountain Road. Mr. Ridley provided project supervision and oversight; reviewed historical records and regulatory files; performed a site reconnaissance; and prepared Phase I ESA and Section 8 Environmental Analysis reports.

Injection Well Closure, El Paso, Texas: Project manager during development of a well closure plan for a 1,480 foot deep injection well in El Paso, Texas. The closure plan submitted to the Texas Commission on Environmental Quality (TCEQ) included review of the well construction, removal of down-hole injection equipment and piping, a survey of the well depth and casing condition, filling the well with cement grout using tremie methods, and collection and disposal of displaced water from the well casing. A well closure report will be submitted to the TCEQ.

Coyote Springs Gas Pipeline, Clark County, Nevada: Senior Geologist during a preliminary geologic evaluation of two alternative pipeline alignments, the Coyote Springs Main Route 93, a 28-mile long alignment, and the Coyote Springs Main Route 168, a 21-mile long alignment. Mr. Ridley was responsible for evaluating the geologic conditions along the two alternate pipeline alignments to assist in selection of a final alignment. The evaluation included: excavation characteristics of soil and bedrock, depth to groundwater, ground failure, such as liquefaction and landsliding, and the potential for surface fault rupture.

Tailings Dam Raise, Silica Mine, Overton, Nevada. Served as Project Manager and Geology Task Leader during a geotechnical investigation for planned 20-foot raise to existing 80-foot high tailings dam. Mr. Ridley's duties included developing drilling and sampling program, excavation and geologic logging of exploratory test pits, evaluation of borrow material sources, and evaluation of geologic and seismic hazards, and preparation of a design report that was submitted to the Nevada Division of Water Resources, Safety of Dams for review and approval. This project involved excavation and placement of over 250,000 cubic yards of earth materials.

James Hardie Mine, Las Vegas, Nevada: Task Manager responsible for geologic investigation of 4,000 acre former gypsum mine planned for residential construction. Duties included review of geologic maps and literature, aerial photograph interpretation, field mapping of bedrock exposures and mine tailings piles, and preparation of a geotechnical feasibility report evaluating the site geologic hazards, excavation characteristics, and uses of on-site geologic materials for a planned residential development.

Post-Closure Land Use Assessment, Sunrise Landfill, Clark County, Nevada. Served as Project Manager for assessment of post-closure uses for the closed Sunrise Landfill on the east side of Las Vegas Valley. Constraints to development included potential settlement of landfill materials, potential surface faulting and seismic shaking from the Frenchman Mountain Fault, erosion and slope instability, groundwater contamination, and potential for landfill gas intrusion into structures. Mr. Ridley's duties included developing drilling and sampling program, excavation and geologic logging of exploratory test pits, evaluation of borrow material sources, and evaluation of geologic and seismic hazards, and preparation of a design report.

Kinder Morgan Energy Partners, Petroleum Release Characterization, Soil and Groundwater Remediation, Kinder-Morgan Fuel Terminal, Las Vegas, Nevada: Project manager responsible for \$0.6MM emergency response and product recovery, design and construction of a soil vapor extraction and groundwater extraction and treatment system. Responsible for characterization and remediation of petroleum plume consisting of floating petroleum product on the top of the groundwater.

Expert Court Testimony, Petroleum Remediation, Sacramento, California: Mr. Ridley provided expert court testimony for the cause of waste oil contamination and the cost of remediation on behalf of owner of a former automobile dealership in Sacramento, California.

Expert Court Testimony, Petroleum Remediation, Emeryville, California: Mr. Ridley provided expert court testimony for the cause of petroleum contamination and the cost of remediation on behalf of the owner of a paving company in Emeryville, California.



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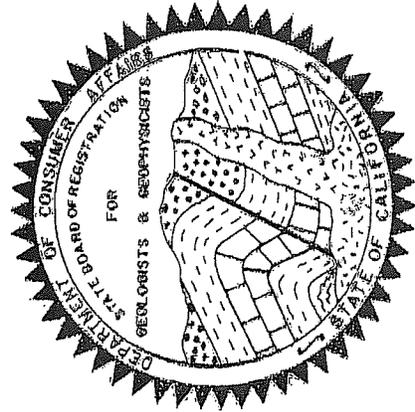
THIS CERTIFICATE TESTIFIES THAT

ALBERT PAUL RIDLEY

IS A CERTIFIED

ENGINEERING GEOLOGIST

Certificate No EG 926



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By Ian Campbell President
John E. Wolfe Executive Secretary

This 27th day of December 1973