



# ADOT South Mountain Transportation Corridor South Mountain Freeway and Ivanhoe Street Traffic Interchange

## Phase I Environmental Site Assessment

*Maricopa County, Arizona*

**October 2018**

*Prepared for:*

**Arizona Department of Transportation  
205 S. 17<sup>th</sup> Ave.  
Phoenix, Arizona 85007**

Approved

Ed Green

01 Nov 18

A handwritten signature in black ink that reads 'Ed Green'.

Concur with recommendations on pdf pages 7 & 8,  
27.



October 24, 2018

Mr. Ed Green, Senior Hazardous Materials Coordinator  
Arizona Department of Transportation  
205 S. 17<sup>th</sup> Ave.  
Phoenix, AZ 85007

**Re: Phase I Environmental Site Assessment Report Submittal,  
South Mountain Freeway and Ivanhoe Street Traffic Interchange  
NH-202-D(ADY)  
202L MA 054 H5764 01D (H8827 01C)**

Dear Mr. Green:

We are pleased to provide you with the above-referenced Phase I Environmental Site Assessment for State Route 202 Loop (South Mountain Freeway) and the Ivanhoe Street traffic interchange, Maricopa County, Arizona. The attached report presents our methodology, findings, opinions, conclusions, and recommendations.

HDR appreciates the opportunity to serve the Arizona Department of Transportation on this important project. If you have any questions or comments, please feel free to contact me at (972) 960-4418.

Cordially,

**HDR ENGINEERING, INC.**

A handwritten signature in black ink, appearing to read 'Kelly W. Kading', with a stylized flourish at the end.

Kelly W. Kading, CPG  
Hazardous Materials Leader - Transportation  
Senior Professional Associate

Distribution: One electronic copy



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## **List of Acronyms**

<b>AAI</b>	All Appropriate Inquiry
<b>ADEQ</b>	Arizona Department of Environmental Quality
<b>ADOT</b>	Arizona Department of Transportation
<b>ADWR</b>	Arizona Department of Water Resources
<b>AIRS</b>	Aerometric Information Retrieval System
<b>amsl</b>	Above Mean Sea Level
<b>AST</b>	Aboveground Storage Tank
<b>ASTM</b>	ASTM International, Formerly the American Society for Testing and Materials
<b>AULs</b>	Activity Use Limitations
<b>CERCLA</b>	Comprehensive Environmental Response, Compensation and Liability Act
<b>CERCLIS</b>	Comprehensive Environmental Response, Compensation, and Liability Information System
<b>CESQG</b>	Conditionally Exempt Small Quantity Generators
<b>CORRACTS</b>	Corrective Action Report
<b>EDR</b>	Environmental Data Resources, Inc.
<b>EPA</b>	Environmental Protection Agency
<b>ESA</b>	Environmental Site Assessment
<b>GRIC</b>	Gila River Indian Community
<b>HDR</b>	HDR Engineering, Incorporated
<b>LPST</b>	Leaking Petroleum Storage Tank
<b>LQG</b>	Large Quantity Generators
<b>MAG</b>	Maricopa Association of Governments
<b>NFRAP</b>	No Further Remedial Action Planned
<b>PCB</b>	Polychlorinated Biphenyls
<b>RCRA</b>	Resource Conservation and Recovery Act
<b>REC</b>	Recognized Environmental Condition
<b>ROW</b>	Right-Of-Way
<b>SMTc</b>	South Mountain Transportation Corridor
<b>SQG</b>	Small Quantity Generators
<b>USGS</b>	United States Geological Survey
<b>UST</b>	Underground Storage Tank
<b>VOC</b>	Volatile Organic Compound

*Note: A complete acronym list is located in the Governmental Database Report, Appendix A.*



# Executive Summary

HDR Engineering, Inc. (HDR) has conducted a Phase I Environmental Site Assessment (Phase I ESA) of the 0.44-acre Arizona Department of Transportation (ADOT) Parcel 7-11543, located on the north side of Ivanhoe Street and east of West Dusty Lane, Maricopa County, Arizona. The Phase I ESA has been prepared for ADOT. ADOT is requesting a Phase I ESA of the aforementioned property, for the purpose of right-of-way (ROW) acquisition of the Subject Property, as part of the South Mountain Transportation Corridor (SMTC) in southern Phoenix, Maricopa County, Arizona.

The SMTC was adopted into the Maricopa Association of Governments (MAG) regional freeway system in 1985 as part of the MAG Freeway/Expressway Plan, at which time it was placed on the state highway system by the State Transportation Board. The proposed alternative for the SMTC has led to the investigation of parcels within the proposed corridor footprint. The proposed SMTC footprint includes the southern and western sides of South Mountain, and the 59<sup>th</sup> Avenue corridor north toward Interstate 10 (I-10).

The 0.44-acre acquisition property, referenced herein as the “Subject Property”, consists of an access to a neighboring parcel, and a storage area for a neighboring developed residential parcel. Please refer to the Project Location and Project Detail Maps (Figures 1 and 2, respectively) for further detail.

The surrounding area consists of the Gila River Indian Reservation, including the Vee Quiva Hotel and Casino, residential properties, and undeveloped land. The Subject Property is bound to the north and east by a residential parcel, to the west by ADOT owned property, and to the south by Ivanhoe Street.

This Phase I ESA identifies recognized environmental conditions (RECs) that may adversely affect construction through the Subject Property, and was conducted in accordance with the scope and limitations of the ASTM International (ASTM) Practice E1527-13. This report includes a summary of the site reconnaissance conducted on September 28, 2018, a review of environmental databases, and a review of historical data sources. Any exceptions to or deletions from these ASTM practices are described later in this report.

## Phase I Activities

This Phase I ESA identifies Recognized Environmental Conditions (RECs) that may adversely affect the Subject Property, and was conducted in accordance with the scope and limitations of the ASTM International (ASTM) Practice E 1527-13.

Environmental Data Resources, Inc. (EDR) was contracted by HDR to complete a database search of federal, state, local, and tribal environmental record listings for the Subject Property (Appendix A). A radius search was conducted on a polygon including the area impacted by the South Mountain Freeway and Ivanhoe Street traffic interchange. A quarter-mile-minimum radius from the Subject Property (EDR buffer zone) was used for the computerized environmental database search conducted on October 2, 2018.

Historical documentation including Sanborn® maps, aerial photography, and topographic maps were reviewed from a previous Phase I ESA performed for neighboring parcels. These historical



sources were gathered from EDR in May 2016 for a neighboring parcel (7-11460) and were supplemented, as needed, with more up to date information.

## Findings

General findings of this assessment include the following:

- The Subject Property is located at an elevation of approximately 1,130 feet above mean sea level (amsl), with a slope to the southwest. The surrounding area contains the Gila River Indian Reservation, including the Vee Quiva Hotel and Casino, residential properties, and undeveloped land. The Subject Property contains an abandoned residence, a shed, and a carport.
- Geologically, the Subject Property is underlain by early Proterozoic granitic rocks (including granodiorite, tonalite, quartz diorite, diorite and gabbro) deposited 1.6 to 1.8 billion years ago. The site is located in the Basin and Range physiographic province. Onsite soils consist of the Ebon gravelly loam, a gravelly loam with a large cobble content that has moderate infiltration rates.
- The groundwater flow direction is assumed to be to the southwest, towards the Gila River. Depth to groundwater is approximately 170 feet, as reported at an ADOT well located near the Subject Property. Groundwater levels in the immediate vicinity are generally stable or are rising.
- The EDR report noted one regulatory listing associated with the Subject Property or within the quarter-mile buffer zone. The regulatory listing is for the Gila River Indian Community.
- One unmapped (Orphan Site) was listed in the EDR database, however the address was noted on East Ray Road, approximately 10 miles east of the Subject Property.
- The Subject Property was included in the EDR-provided historical aerial photographs. Historical aerial imagery was available for years 1949, 1954, 1958, 1961, 1964, 1971, 1979, 1982, 1986, 1997, 2005, 2006, 2007, 2010 and a publicly available aerial photograph from Google Earth for 2018. An analysis of these photographs may be found in Section 4.3.3. No significant changes in land use were noted.
- No fire insurance map coverage was available for the area.
- The Subject Property was included in the EDR-provided historical topographic maps. Historical topographic maps were available for years 1912, 1914, 1952, 1967, 1973, and 2014. An analysis for these maps may be found in Section 4.3.4. No significant changes in land use were noted.
- An interview was conducted with Mr. Ed Green of ADOT on October 18, 2018, he stated that no other land uses for the Subject Property were known, and no additional information is available.
- On September 28, 2018, HDR conducted a reconnaissance of the Subject Property and surrounding properties. Surrounding properties included other residential properties and the Vee Quiva Hotel and Casino, operated by the Gila River Indian Community. The Subject Property had access to a neighboring parcel, and a storage area for a neighboring



residential parcel. No indications of spills into the surrounding soil were noted. No signs indicating subsurface utilities were noted during the site reconnaissance.

## Opinions

HDR has reviewed the stated data sources, which are part of the ASTM 1527-13 assessment protocol. Based upon the review of the data, HDR has developed the following professional opinions:

- No indications of contamination were present on the Subject Property.
- Volatile organic compounds (VOCs) in the subsurface, as a vapor intrusion risk to the Subject Property, have been determined to be unlikely, based on the lack of significant VOC sources in the area.

## Conclusion

Based upon the above-detailed Findings and Opinions, HDR concludes that no RECs have been identified for the Subject Property, as presented in the Findings section above. The following statement is required by ASTM E 1527-13 as a declaration of whether RECs were found within the Subject Property.

*HDR has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13 of ADOT Parcel 7-11543, Maricopa County, Arizona (Subject Property). Any exceptions to or deletions from these practices are described in previous sections of this report. This report has revealed no indications of RECs in connection with the Subject Property.*

## Recommendations

Recommendations included in this report were developed through the investigative procedures described in the Scope of Services, Significant Assumptions, and Limitations sections of this report. These findings should be reviewed within the context of the limitations provided in the Limitations section.

Based upon the identification of no RECs for the Subject Property, HDR makes the following recommendations:

### Recommendation 1

HDR recommends that construction contractors should be instructed to immediately stop all subsurface activities in the event that potentially hazardous materials are encountered or significantly stained soil is found during construction. Contractors should be instructed to follow all applicable regulations regarding discovery and response for hazardous materials encountered during the construction process.

### Recommendation 2

HDR recommends that the client consider the “shelf life” of Phase I documents in determining risk. ASTM E 1527-13: 4.6 states that a conforming “Phase I” report is valid for a period of 180 days, and may be updated during the 180 days to 1 year timeframe. The report is valid for use in any of the CERCLA defenses ONLY if it is updated within this time frame. If greater than



one year passes from the final report date, the Phase I effort would need to be repeated to remain in compliance with ASTM and the “All Appropriate Inquiry” (AAI) protection.



# 1.0 Introduction

## 1.1 Purpose

The purpose of this Phase I Environmental Site Assessment (ESA) is to document the evaluation of the Subject Property for indications of “recognized environmental conditions” (RECs). ASTM International (ASTM) Practice E 1527-13 defines the following categories of RECs:

### REC

The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions (see definition below).

ASTM E 1527-13 defines release as “a release of any hazardous substance or petroleum product shall have the same meaning as the definition of ‘release’ in Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) 42 United States Code (U.S.C.) §9601(22).”

### Historical REC (HREC)

A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

### Controlled REC (CREC)

A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).

Additional conditions that are not included under the definitions of a REC, but are defined by ASTM Practice 1527-13 include:

### De Minimis

A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not recognized environmental conditions nor controlled recognized environmental conditions.



## **Business Environmental Risk**

These are risks which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice.

Consideration of business environmental risk issues may involve addressing one or more non-scope considerations.

## **1.2 Report Users**

HDR Engineering, Inc. (HDR) received authorization from the Arizona Department of Transportation (ADOT) to conduct a Phase I ESA of the 0.44-acre ADOT Parcel 7-11543, Maricopa County, Arizona (Subject Property). This ESA has been prepared for ADOT for the purpose of right-of-way (ROW) acquisition of the Subject Property, and only ADOT has the right to rely on the contents of this ESA.

## **1.3 Scope of Services, Significant Assumptions, and Limitations**

The services provided for this Study consisted of the following:

- Provide a description of the Subject Property including current land uses (Sections 2.1 through 2.3)
- Provide a general description of the topography, soils, geology, and groundwater flow (Section 2.4)
- Review reasonably ascertainable and reviewable regulatory information published by federal, state, local, tribal, health, and/or environmental agencies pertaining to the Subject Property (Sections 4.1 and 4.2)
- Review historical data sources for the Subject Property, including aerial photographs, topographic maps, fire insurance maps, city directories, and other readily available development data (Section 4.3)
- Review previous environmental liens, activity use limitations (AULs), and previous environmental investigation if provided (Section 4.4 and 4.5)
- Interview of the other persons that have knowledge of the development history of the Subject Property (Section 4.6)
- Conduct an area reconnaissance and an environmental review — including a visual review of adjoining properties — with a focus on indications of hazardous substances, petroleum products, polychlorinated biphenyls (PCBs), wells, storage tanks, solid waste disposal pits and sumps, and utilities (Section 4.7 and 4.8)
- Review of the potential for vapor intrusion to the Subject Property (Section 4.9)
- Determine data gaps in the information obtained and comment on their significance in identifying RECs for the Subject Property (Section 5.0)



- Summarize the findings, opinions, and conclusions (Section 6.0)
- Provide recommendations (Section 7.0).

The goal of this scope of services is to assist the user in identifying conditions in the Subject Property that may indicate risks regarding hazardous materials storage, disposal, or other impacts. The resulting report may qualify the user for relief from liabilities as one of three “defenses” identified in the 2002 Brownfields Amendments to CERCLA Section 9607 (All Appropriate Inquires (AAI) subsections). These three defenses include:

- 1 The “innocent landowner” defense to potential liabilities under 42 United States Code [U.S.C.] § 9601;
- 2 The “contiguous land owner” defense pursuant to 42 U.S.C. § 9607q; and
- 3 The “bona fide prospective purchaser” defense pursuant to 42 U.S.C. §9607r.

Federal regulations (42 U.S.C §9601(35)(A) & (B), §9607(b)(3), §9607(q); and §9607(r)), promulgated by the United States (U.S.) Environmental Protection Agency (EPA), require that liability release be based (in part) on completion of AAI prior to purchase of a property. Those inquiries are documented by Phase I reports, or ESAs. EPA has agreed that the recently developed ASTM guidance (ASTM Practice E 1527-13: 3.2.6) specifies and interprets AAI requirements.

A user is defined by ASTM Practice E 1527-13 as the party seeking to use Practice E 1527 to complete a Phase I ESA of the project area and may include a potential purchaser of land in the Subject Property, a potential tenant of the Subject Property, an owner of land in the Subject Property, a lender, or a Subject Property manager. Investigative areas not included in the standard ASTM ESA scope include: asbestos, lead-based paint, lead in drinking water, radon or urea formaldehyde, wetland issues, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, and high voltage power lines.

Indoor air quality from sources such as mold and asbestos is not included in the ASTM standard except to the extent that indoor air impacts are related to Superfund release and/or caused by releases of hazardous substances into subsurface soil or groundwater (vapor intrusion).

The potential for vapor encroachment or intrusion into structures in the Subject Property are considered and identified from onsite or offsite sources based on the experience of the Environmental Professional.

The scope of services for this Phase I ESA Study also does not include the completion of soil borings, the installation of groundwater monitoring wells, or the collection of soil or groundwater samples. State and national policies and standards relevant to vapor intrusion are in flux and subject to change.

HDR has made certain assumptions in preparing the scope of this assessment:

- Data gathered from public information sources (i.e., libraries or public regulatory agencies) are accurate and reliable.





- Site operations reflect site conditions relative to potential releases and no intentional concealment of environmental conditions or releases has occurred.
- Interview information is directly reported as gathered by the assessor and is limited by the accuracy of the interviewee's recollection and experience.
- Published geologic information and site observations made by the environmental professional are used to estimate likely contaminant migration pathways in the subsurface. These estimates by the environmental professional are limited in accuracy and are generally cross-referenced with existing information about similar sites and environmental releases in the area.
- Regulatory information is limited to sites identified after the late 1980s because reliable records were not kept by regulatory agencies prior to that time frame.

The findings and conclusions presented in this report are based on the procedures described in ASTM Practice E 1527-13, informal discussions with various agencies, a review of the available literature cited in this report, conditions noted at the time of this Phase I ESA, and HDR's interpretation of the information obtained as part of this Phase I ESA. The findings and conclusions are limited to the specific Study and properties described in this report, and by the accuracy and completeness of the information provided by others.

A Phase I ESA cannot entirely eliminate uncertainty regarding the potential for RECs. Conducting this assessment is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with a Subject Property within reasonable limits of time and cost. In conducting its services, HDR used a degree of care and skill ordinarily exercised under similar circumstances by reputable members of its profession practicing in the same locality. This Phase I ESA conforms to the level of documentation required in ASTM Practice E 1527-13. However, HDR may omit discussion of certain records; i.e., sources deemed, in HDR's professional opinion, to be inapplicable or of limited value to the specific needs of this client. In accordance with ASTM; however, if the lack of available documentation results in a data gap, this data gap is identified herein and its significance is discussed.

### **HDR Risk Ranking**

In addition to the ASTM-based "REC" classification of a site, HDR also employed a relative risk ranking system that includes several investigative elements to describe "sites of concern" located within a Subject Property. A site of concern is a site that the investigative process has determined to have sufficient possibility of contamination, which warrants special attention during the Phase I ESA investigation. A site of concern may or may not ultimately be classified as a REC site as defined by ASTM, yet still may be "of concern" and is therefore highlighted in the report. A site of concern may or may not be carried forward in recommendations for further investigation, depending upon the specific issues associated with the site.

Once the elements of the investigation process are completed, HDR categorized identified sites of concern using a subjective risk ranking system, classifying the sites as low risk, moderate risk, high risk, or (in some instances) indeterminate risk. The following paragraphs provide general descriptions of each category.



**Low risk** sites are those sites that have few indications of potential for release of hazardous materials. On some occasions, sites that have had a hazardous materials issue in the past but have been remediated with approval of the state environmental agency or local regulatory agencies may qualify as low risk. Examples of low risk sites include undeveloped or agricultural property, residential property, or benign commercial properties such as office buildings, warehouses, distribution facilities, or municipal facilities with no listed violation.

**Moderate risk** sites are those sites that have some indications of possible hazardous materials issues. A moderate risk site may appear on a database as having a permit to handle hazardous materials, but has recorded no violations to date. Another way that a site could be interpreted as moderate risk would be if the environmental records search indicated no listing, but the site is an auto repair facility with visible surface staining. Examples of moderate risk sites include auto repair garages, welding shops, or manufacturing facilities with minor listings in the environmental database.

**High risk** sites are those sites that have a high potential for releasing hazardous materials to the soil or groundwater, or have a recorded release issue. Examples of high risk sites include current service stations, bulk fueling terminals, sites listed in environmental databases as having had a release, or a known release that has not been remediated.

**Indeterminate risk** sites are those which, at the time of report preparation, did not include sufficient information to include a high, moderate or low ranking. Indeterminate risk sites often require additional file review to determine the details of any related environmental issues at the site.

When HDR assigned a risk ranking to a site, the risk ranking criteria were reviewed and concurred with by at least one environmental professional as defined in ASTM. It is HDR policy to have subjective criteria cross-reviewed for accuracy and adherence to its assessment protocols and internal quality assurance standards. It is worthwhile to note that risk ranking does not directly correspond to whether a site qualifies as a REC; rather, the risk ranking system is intended as a method of categorizing sites on large projects for consideration of common contamination characteristics.



## **2.0 Site Description**

### **2.1 Location and Legal Description**

HDR has conducted a Phase I ESA of the 0.44-acre ADOT Parcel (#7-11543), located in Maricopa County, Arizona (Subject Property), which is to be acquired as part of the South Mountain Transportation Corridor (SMTTC) ROW. The Subject Property is located approximately two miles northeast of the town of Komatke, Arizona (Figure 1, Subject Property Location Map and Figure 2, Subject Property Detail Map).

### **2.2 Site and Vicinity Characteristics**

The United States Geological Survey (USGS) 7.5-minute Topographic Map Series (Quadrangle Map, Laveen, Arizona, 2014) was reviewed for this Phase I ESA. The Subject Property is located at an elevation of approximately 1,130 feet above mean sea level (amsl). The topography in the area varies from mountainous to sediment-filled basin, with a grade to the southwest towards the Gila River. The surrounding area is sparsely developed with residential properties. The Gila River Indian Reservation lies to the west, southwest, and south. The Vee Quiva Hotel and Casino, constructed in 2012, is located approximately 1/3 mile to the south of the Subject Property. This structure replaced the previous Vee Quiva Casino, constructed in 1997 and demolished in 2013, located approximately a quarter-mile to the northwest of the current complex.

# South Mountain Freeway and Ivanhoe Street Traffic Interchange

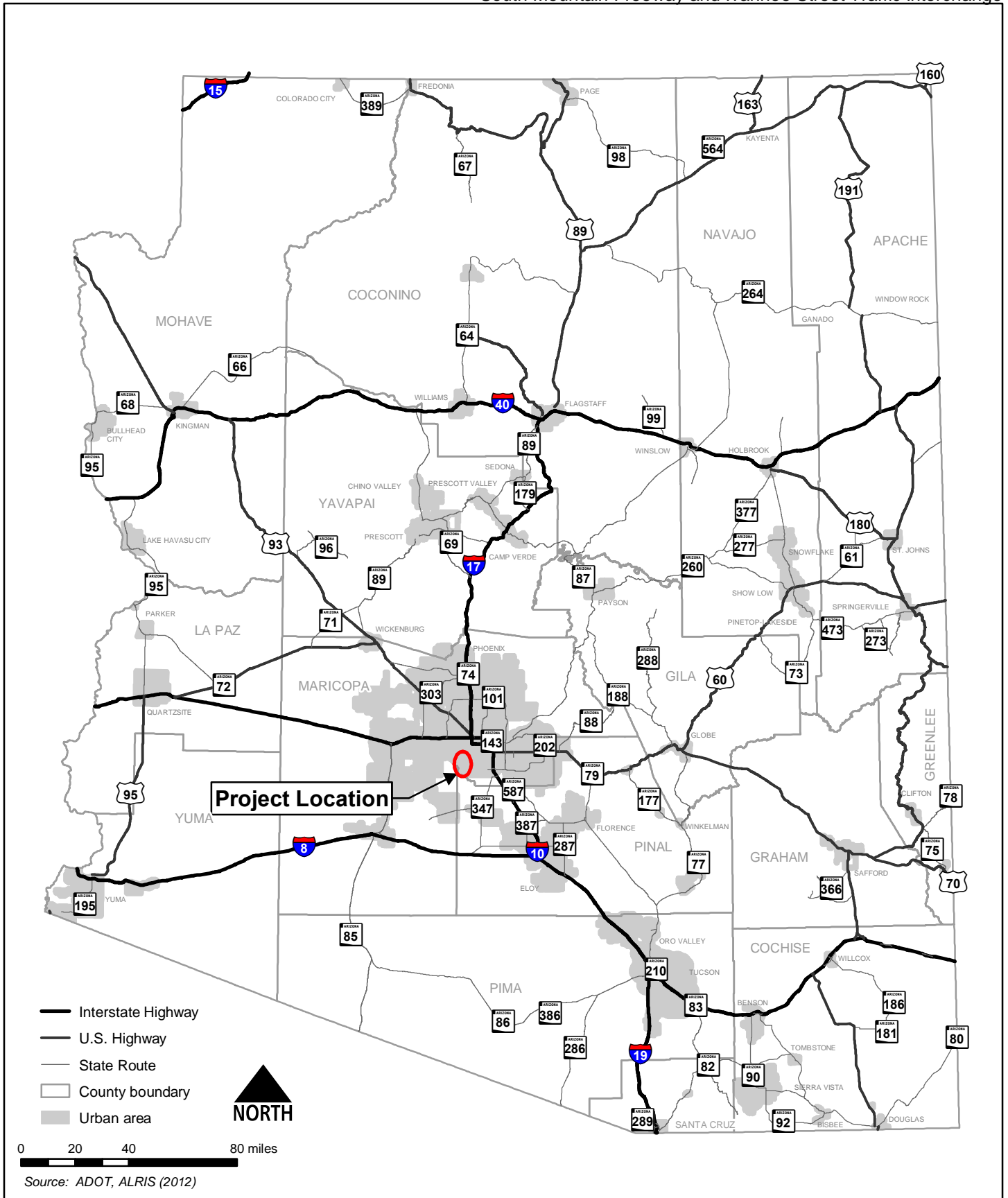


Figure 1 – State Map





### Figure 2 – Vicinity Map





## **2.3 Description of Structures, Roads, and Other Site Improvements**

The Subject Property is bound to the north and east by a residential parcel, to the west by ADOT owned property, and to the south by Ivanhoe Street. The Subject Property consists of access to a neighboring parcel and a storage area for a neighboring developed residential parcel.

## **2.4 Area Geology and Hydrogeology**

Geologically, the Subject Property is underlain by early Proterozoic granitic rocks (including granodiorite, tonalite, quartz diorite, diorite and gabbro) deposited 1.6 to 1.8 billion years ago. The site is located in the Basin and Range physiographic province.

The United States Department of Agriculture Soil Conservation Service, National Cooperative Soil Survey, classifies the Subject Property soil as EbD – Ebon gravelly loam, 0 to 8 percent slopes. This soil consists of a gravelly loam, with a large cobble content, that has moderate infiltration rates.

The Subject Property is not located in the 100-year floodplain. The FEMA Flood Insurance Rate Map which covers the area is 04013C2660L.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. The groundwater flow direction is assumed to be to the southwest, towards the Gila River. Depth to groundwater is approximately 170 feet, as reported at an ADOT well located near the Subject Property. Groundwater levels in the immediate vicinity are generally stable or are rising.

The Subject Property is located within the West Salt River Valley sub-basin of the Phoenix Active Management Area. Groundwater in the area is regulated by the Central Arizona Groundwater Replenishment District.

No oil or gas wells are located within the Subject Property.



## **3.0 User Provided Information**

The user of the report provided HDR with a workplan, which includes a map of the Subject Property. The user also provided access to the property.



## 4.0 Records Review

### 4.1 Environmental Records Review

Environmental Data Resources, Inc. (EDR) was contracted by HDR to complete a database search of federal, state, local, and tribal environmental record listings (as defined by ASTM E 1527-13) for the Subject Property. A radius search was conducted on a polygon encompassing the area impacted by the South Mountain Freeway and Ivanhoe Street traffic interchange. A quarter-mile-minimum radius from the Subject Property (EDR buffer zone) was used for the computerized environmental database search conducted on October 2, 2018. The results of the database search are summarized in Table 1. A complete copy of the EDR environmental database report is included in Appendix A.

**Table 1. Summary of Environmental Database Search**

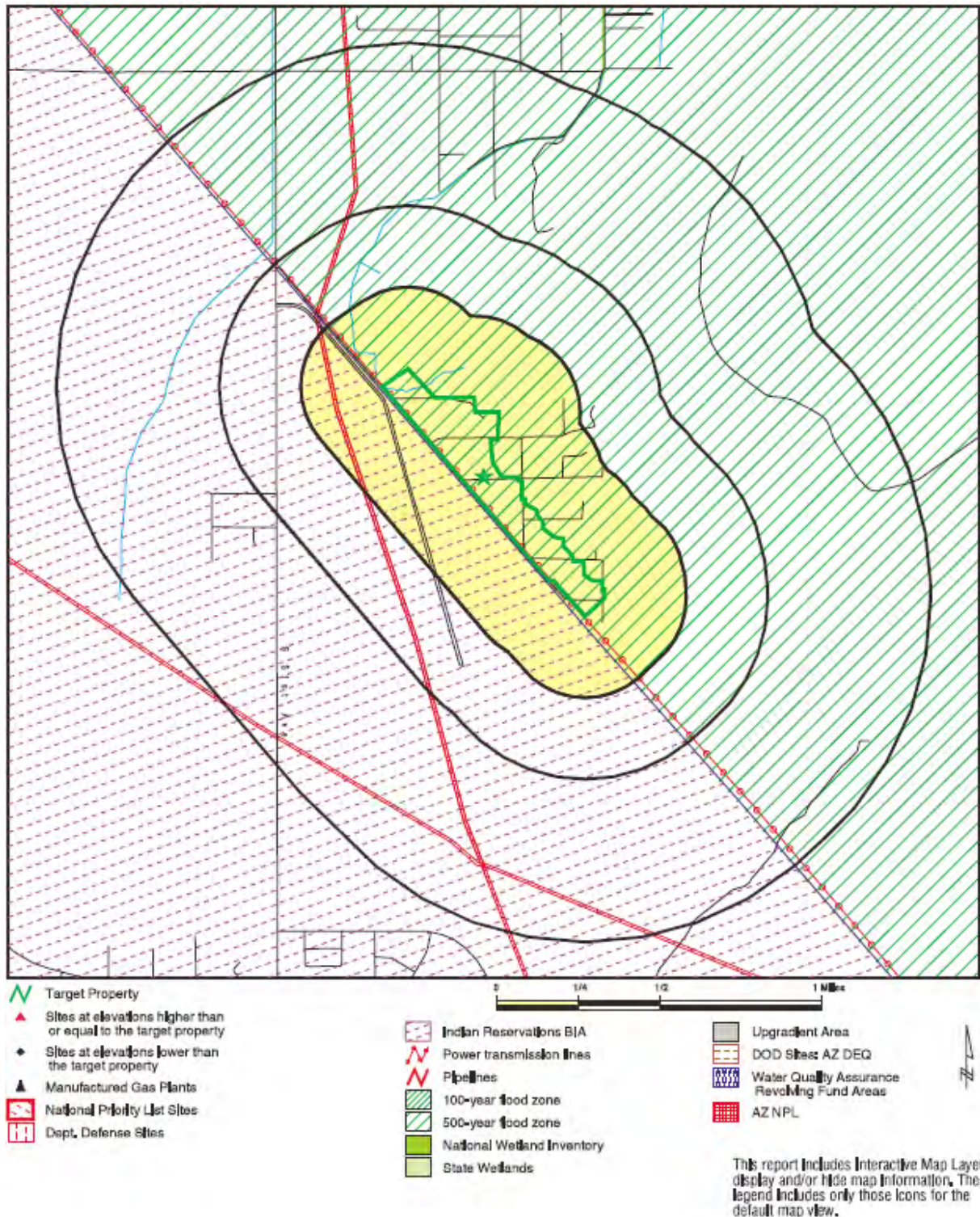
Database	Description	Listings in the EDR Buffer Zone	Listings of Concern to the Subject Property
<b>Tribal Listings</b>			
INDIAN RESERV	Indian administered lands of the United states that have any area equal to or greater than 640 acres.	1	0
<b>Total</b>		<b>0</b>	<b>0</b>

The EDR report noted one regulatory listing located within the EDR buffer zone, and no regulatory listings located within the site boundary.

HDR reviewed the listings included in the database search area. and the one listing was for the Gila River Indian Community, which is not of potential concern to the Subject Property, as determined by the Environmental Professional.

One unmapped site (Orphan Site) was listed in the EDR database, however the address was listed on East Ray Road, approximately 10 miles east of the Subject Property.





**Figure 3. Environmental Database Search Map**



## **4.2 Additional Regulatory Information**

### **4.2.1 Agency File Review**

Since no sites with a regulatory history were located within the Subject Property or EDR buffer zone, an agency file review was not conducted for this Phase I ESA.

## **4.3 Historical Use Information**

The objective of reviewing historical use information is to develop a history of previous land uses in the vicinity of the Subject Property. This information was used to assess the previous land uses for potential hazardous materials impacts that may affect the Subject Property. HDR reviewed those historical sources that were reasonably ascertainable and likely to provide useful information, as defined by the ASTM standard.

### **4.3.1 Fire Insurance Maps**

A Sanborn® fire insurance map search was conducted as part of this Phase I ESA (Appendix B). No fire insurance map coverage was available.

### **4.3.2 City Directory Information**

Given that the Subject Property is rural in nature, and not located within any city limits, a City Directory review was not conducted as part of the Phase I ESA.

### **4.3.3 Historical Aerial Photographs**

Historical aerial photographs are valuable for the environmental assessor, as a tool to review features of the Subject Property and surrounding properties over a long period of time. HDR reviewed historical aerial photographs (Appendix C, Historical Aerial Photographs) for the following years: 1949, 1954, 1958, 1961, 1964, 1971, 1979, 1982, 1986, 1997, 2005, 2006, 2007, 2010, and a publicly available 2018 image from Google Earth. A brief description of the features of the aerial photographs for the previously listed years is provided below:

- 1949-1964: The Subject Property was undeveloped and was sparsely vegetated.
- 1971: Ivanhoe Street and other roads in the area had been cleared and graded. The remainder of the area was unchanged.
- 1979: No changes were noted to the Subject Property, compared to the 1971 aerial photograph. Residences had been constructed in the surrounding area.
- 1982-1986: No changes were noted to the Subject Property, compared to the 1979 aerial photograph. Several residences had been constructed in the area.
- 1997: No changes were noted to the Subject Property, compared to the 1986 aerial photograph. Several additional residences had been constructed in the area. The Vee Quiva Casino was under construction on the Gila River Indian Reservation, approximately 1/4 mile southwest of the Subject Property.



- 2005: The northern corner of the Subject Property had been developed as a storage area for the neighboring parcel, where a residence had been constructed. Several additional residences had been constructed in the area.
- 2006-2010: No change was noted, compared to the 2005 aerial photographs.

A review of publicly-available aerial photographs from Google Earth provided additional coverage for 2018.

- 2018: No changes were noted to the Subject Property, compared to the 2010 aerial photograph. The two residences located to the west had been demolished, and the land graded. Other residences located in the surrounding area had also been demolished, and the lot graded. The Vee Quiva Hotel and Casino had been reconstructed approximately 1/3 mile south of the old Vee Quiva Casino.

#### **4.3.4 Historical Topographic Maps**

Historical topographic maps provide an overview of the area relative to potential previous land uses. HDR reviewed historical topographic maps of the Subject Property provided by EDR. The USGS 7.5 minute series topographic maps (Laveen, AZ dated 1912 to 2014) were reviewed, and are provided in Appendix E. Historical topographic maps were available for years 1912, 1914, 1952, 1967, 1973, and 2014. These maps served to verify the information gathered in the historic aerial photograph review, and did not provide further information aside from what was indicated in the historic aerial photographs.

### **4.4 Environmental Liens, Activity Use Limitations (AULs) and Additional Information**

An environmental lien search was not conducted as part of this Phase I ESA.

### **4.5 Summary of Environmental Investigations**

HDR previously prepared an Initial Site Assessment report for the SMTC in June 2011. This report was written for the different alternatives for connection to I-10 on the west side of Phoenix. The Subject Property and the surrounding area were not one of the sites of concern listed in the Initial Site Assessment.

HDR previously prepared a Phase I ESA for the neighboring parcel to the west in 2016, ADOT Parcel 7-11460. The Phase I ESA did not find any hazardous materials concerns on the parcel or surrounding area.

### **4.6 Interviews**

#### **4.6.1 Offsite Interviews**

An interview was conducted with Mr. Ed Green of ADOT on October 18, 2018, he stated there have been no other land uses for the Subject Property and no additional information is available.

#### **4.6.2 Onsite Interviews**

No onsite interviews were conducted as part of this Phase I ESA.





## 4.7 Site Reconnaissance

A site reconnaissance was performed on September 28, 2018. The site reconnaissance included a field verification of the EDR report findings. Portions of the project area were already cleared of vegetation and graded, with the ADOT ROW marked off by string and posts. Corrugated metal piping was stored at the southern end of the project area. The area of additional ROW required had not been disturbed by construction. A water pipe was present at the surface, and followed the west boundary of ADOT ROW along the entire project area. Surrounding properties included residential properties located to the east, and the Vee Quiva Hotel and Casino of the Gila River Indian Community located to the west. No wildcat dumping, pits, ponds, or other indications of large scale dumping or surface staining were identified during the site reconnaissance.

Photographs from the site reconnaissance are located in **Appendix D**.

## 4.8 Utilities and Polychlorinated Biphenyls (PCBs)

No signs indicating subsurface utilities were encountered. No transformers were noted on the Subject Property.

## 4.9 Vapor Intrusion Potential

According to U.S. EPA guidance, vapor intrusion is a general term for migration of the vapor phase of volatile organic chemicals (VOCs) from any subsurface contaminant source, such as contaminated soil or groundwater, through the soil and into an overlying building. The two general classes of VOCs that account for a large number of soil and groundwater contamination sites in the U.S. are petroleum hydrocarbons and non-petroleum hydrocarbon fuel additives, and chlorinated solvents.

The potential for vapor intrusion was evaluated for existing buildings, and proposed buildings are also considered. Considering the lack of sources of vapor in this generally residential or undeveloped area, it is unlikely that vapor intrusion is a concern for the Subject Property.

# 5.0 Data Gap Analysis

The ASTM E 1527-13 standards require a listing of “data gaps,” including data failure, encountered during the investigative process that may affect the validity of the conclusions drawn by the environmental professional. The ASTM E 1527-13:12.7 standard also requires that the environmental professional estimate the relative importance of the data gaps. Generally, gaps in available data are related to the availability of historical data sources for specific sites of concern. The environmental professional uses multiple historical data sources as a method to provide coverage for data gaps. Historical information is collected on a recurring basis, and the passage of time between data sets may or may not constitute a significant gap in data coverage. For this ESA, the following items may constitute a data gap as defined by ASTM E 1527-13:

- the absence of Sanborn® fire insurance map coverage for the Subject Property,
- the inability to conduct a city directory review, and
- the lack of an environmental lien search.



Given the fact that the area is rural in nature, that no RECs were identified, and that adequate temporal coverage of historical aerial photographs was available, the listed items do not present significant data gaps.

## **6.0 Findings, Opinions, and Conclusions**

HDR has conducted a Phase I ESA of the 0.44-acre ADOT Parcel 7-11543, Maricopa County, Arizona (Subject Property), for the purpose of ROW acquisition of the Subject Property, as part of the SMTC in southern Phoenix, Maricopa County, Arizona. The Subject Property is located approximately two miles northeast of the town of Komatke, Arizona (Figure 1, Subject Property Location Map and Figure 2, Subject Property Detail Map).

The Phase I ESA was performed in accordance with the scope and limitations of ASTM Practice E 1527-13. Any exceptions to, or deletions from, this practice are described previously in this report. This Phase I ESA includes a review of an environmental database search report, a review of historical data sources, a review of any additional regulatory documentation, and a summary of the site reconnaissance conducted on September 28, 2018.

### **6.1 Findings**

General findings of this assessment include the following:

- The Subject Property is located at an elevation of approximately 1,130 feet above mean sea level (amsl), with a slope to the southwest. The surrounding area contains the Gila River Indian Reservation, including the Vee Quiva Hotel and Casino, residential properties, and undeveloped land. The Subject Property contains an abandoned residence, a shed, and a carport.
- Geologically, the Subject Property is underlain by early Proterozoic granitic rocks (including granodiorite, tonalite, quartz diorite, diorite and gabbro) deposited 1.6 to 1.8 billion years ago. The site is located in the Basin and Range physiographic province. Onsite soils consist of the Ebon gravelly loam, a gravelly loam with a large cobble content that has moderate infiltration rates.
- The groundwater flow direction is assumed to be to the southwest, towards the Gila River. Depth to groundwater is approximately 170 feet, as reported at an ADOT well located near the Subject Property. Groundwater levels in the immediate vicinity are generally stable or are rising.
- The EDR report noted one regulatory listing associated with the Subject Property or within the quarter-mile buffer zone. The regulatory listing is for the Gila River Indian Community.
- One unmapped (Orphan Site) was listed in the EDR database; however, the address was noted on East Ray Road, approximately 10 miles east of the Subject Property.
- The Subject Property was included in the EDR-provided historical aerial photographs. Historical aerial imagery was available for years 1949, 1954, 1958, 1961, 1964, 1971, 1979, 1982, 1986, 1997, 2005, 2006, 2007, 2010 and a publicly available aerial



photograph from Google Earth for 2018. An analysis of these photographs may be found in Section 4.3.3. No significant changes in land use were noted.

- No fire insurance map coverage was available for the area.
- The Subject Property was included in the EDR-provided historical topographic maps. Historical topographic maps were available for years 1912, 1914, 1952, 1967, 1973, and 2014. An analysis for these maps may be found in Section 4.3.4. No significant changes in land use were noted.
- An interview was conducted with Mr. Ed Green of ADOT on October 18, 2018, he stated that no other land uses for the Subject Property were known, and no additional information is available.
- On September 28, 2018, HDR conducted a reconnaissance of the Subject Property and surrounding properties. Surrounding properties included other residential properties and the Vee Quiva Hotel and Casino, operated by the Gila River Indian Community. The Subject Property had access to a neighboring parcel and a storage area for a neighboring developed residential parcel. No indications of spills into the surrounding soil were noted. No signs indicating subsurface utilities were noted during the site reconnaissance.

## 6.2 Opinions

HDR has reviewed the stated data sources, which are part of the ASTM 1527-13 assessment protocol. Based upon the review of the data, HDR has developed the following professional opinions:

- No indications of contamination were present on the Subject Property.
- Volatile organic compounds (VOCs) in the subsurface, as a vapor intrusion risk to the Subject Property, have been determined to be unlikely, based on the lack of significant VOC sources in the area.

## 6.3 Conclusions

Based upon the above-detailed Findings and Opinions, HDR concludes that no RECs have been identified for the Subject Property, as presented in the Findings section above. The following statement is required by ASTM E 1527-13 as a declaration of whether RECs were found within the Subject Property:

*HDR has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13 of ADOT Parcel 7-11543, Maricopa County, Arizona (Subject Property) located in Maricopa County, Arizona. Any exceptions to or deletions from these practices are described in previous sections of this report. This report has revealed no indications of RECs in connection with the Subject Property..*

# 7.0 Recommendations

Recommendations included in this report were developed through the investigative procedures described in the Scope of Services, Significant Assumptions, and Limitations sections of this



report. These findings should be reviewed within the context of the limitations provided in the Limitations section.

Based upon the identification of no RECs for the Subject Property, HDR makes following recommendations:

## **Recommendation 1**

HDR recommends that construction contractors should be instructed to immediately stop all subsurface activities in the event that potentially hazardous materials are encountered or significantly stained soil is found during construction. Contractors should be instructed to follow all applicable regulations regarding discovery and response for hazardous materials encountered during the construction process.

## **Recommendation 2**

HDR recommends that the client consider the “shelf life” of Phase I documents in determining risk. ASTM E 1527-13: 4.6 states that a conforming “Phase I” report is valid for a period of 180 days, and may be updated during the 180 days to 1 year timeframe. The report is valid for use in any of the CERCLA defenses ONLY if it is updated within this time frame. If greater than one year passes from the final report date, the Phase I effort would need to be repeated to remain in compliance with ASTM and the AAI protection.



## 8.0 Qualifications of Environmental Professionals

### 8.1 Signature and Qualification

We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in Section 312.10 of 40 Code of Federal Regulations [C.F.R.] Part 312.

We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. We have developed and performed the all appropriate inquires in conformance with standards and practices set forth in 40 CFR Part 312.

---

Phase I Report Preparer  
Matthew Hann  
Assistant Project Designer

---

Qualified Environmental Professional  
Quality Control / Quality Assurance  
Kelly Kading, CPG  
Senior Professional Associate

#### 8.1.1 Qualifications of Environmental Professionals

*This Phase I ESA was performed by the following HDR personnel:*

Mr. Matthew Hann has a B.S.E. and M.S.E. in Civil Engineering from Arizona State University and is a Professional Engineer (Arizona #65017). He has successfully completed HDR's Phase I Best Practices training and is experienced in gathering field data.

*Quality Assurance / Quality Control was performed by the following HDR Personnel:*

Mr. Kelly Kading, CPG, an environmental professional as defined by ASTM E 1527-13, has more than 30 years of experience in assessment and remediation of impacted properties and compliance with environmental regulations. He has a Bachelor's of Science in Geology from Colorado State University, and is a Certified Professional Geologist (CPG; #9173). He specializes in forensic investigation of hazardous materials-impacted properties for municipal and state agencies, as well as commercial clients. His experience covers assessment of more than 4,000 properties ranging from agricultural land to multigenerational industrial properties in 34 states and two foreign countries. He is highly knowledgeable of federal, state, and local environmental regulations and standards and has served on the National Board of Directors of the Academy of Certified Hazardous Materials Managers.





## 9.0 References

- Arizona Department of Water Resources. "Phoenix AMA Groundwater Conditions". Accessed October 19, 2018.  
<http://www.azwater.gov/AzDWR/StatewidePlanning/WaterAtlas/ActiveManagementAreas/Groundwater/PhoenixAMA.htm>
- Arizona Department of Water Resources GIS Data. Accessed October 19, 2018.  
<http://gisdata.azwater.opendata.arcgis.com/>
- Arizona Department of Water Resources Well Registry. Accessed October 19, 2018. Well Registry Number 592871. <https://gisweb.azwater.gov/WellRegistry/Default.aspx>
- Arizona Oil and Gas Conservation Commission. Accessed October 19, 2018.  
<http://welldata.azogcc.az.gov/>
- ASTM Practice E 1527-13. 2005. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.
- Central Arizona Groundwater Replenishment District. Accessed May 26, 2016.  
<http://www.cagrd.com/index.php/general-information>
- Environmental Data Resources. Report. 2016. Dusty Lane Sites, Inquiry Number 4622650.2s; includes EDR Governmental Database Search,, Sanborn Fire Insurance Report, historical aerials, and historical topographic maps. May 18, 2016.
- Google Earth Pro 7.1.5.1557. 2013. Dusty Lane Area 33.312656, -112.156466, Eye Altitude 8200 ft, Image Acquired October 19, 2018. [Viewed October 19, 2018].
- U.S. Geological Survey, Mineral Resource, Online Spatial Data by State, Arizona. Accessed October 19, 2018 Richard, S. M., Reynolds, S. J., Spencer, J. E. and Pearthree, P. A., 2000, Geologic Map of Arizona: Arizona Geological Survey Map 35, 1 sheet, scale 1:1,000,000. <http://mrdata.usgs.gov/geology/state/sgmc-unit.php?unit=AZXg%3B0>
- United States Department of Agriculture, Natural Resources Conservation Service, Description of Soil Survey Geographic Database (SSURGO). Accessed October 19, 2018.



## **Appendix A**

### **EDR Governmental Database Search**

**SMF 202 and Ivanhoe TI**  
4600 West Ivanhoe Street  
Laveen, AZ 85339

Inquiry Number: 5440681.2s  
October 02, 2018

## The EDR Radius Map™ Report



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

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### GEOCHECK ADDENDUM

#### GeoCheck - Not Requested

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

#### **Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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## EXECUTIVE SUMMARY

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

### **TARGET PROPERTY INFORMATION**

#### **ADDRESS**

4600 WEST IVANHOE STREET  
LAVEEN, AZ 85339

#### **COORDINATES**

Latitude (North):	33.3157950 - 33° 18' 56.86"
Longitude (West):	112.1581230 - 112° 9' 29.24"
Universal Transverse Mercator:	Zone 12
UTM X (Meters):	392194.7
UTM Y (Meters):	3686703.2
Elevation:	1129 ft. above sea level

### **USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

Target Property Map:	6718635 LAVEEN, AZ
Version Date:	2014

### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from:	20150529
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:  
4600 WEST IVANHOE STREET  
LAVEEN, AZ 85339

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">Reg</a>	GILA RIVER INDIAN RE		INDIAN RESERV	Same	29, 0.005, SW

## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

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

### DATABASES WITH NO MAPPED SITES

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

### STANDARD ENVIRONMENTAL RECORDS

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

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

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

Delisted NPL..... National Priority List Deletions

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

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

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

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

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

CORRACTS..... Corrective Action Report

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

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

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

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

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

LUCIS..... Land Use Control Information System  
US ENG CONTROLS..... Engineering Controls Sites List

## EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

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

ERNS..... Emergency Response Notification System

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

AZ NPL..... NPL Detail Listing

AZ WQARF..... Water Quality Assurance Revolving Fund Sites

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

SPL..... Superfund Program List

SHWS..... ZipAcids List

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

SWF/LF..... Directory of Solid Waste Facilities

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

LUST..... Leaking Underground Storage Tank Listing

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

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

FEMA UST..... Underground Storage Tank Listing

UST..... Underground Storage Tank Listing

AST..... List of Aboveground Storage Tanks

INDIAN UST..... Underground Storage Tanks on Indian Land

### ***State and tribal institutional control / engineering control registries***

AZURITE..... Remediation and DEUR/VEMUR Tracking System

AUL..... DEUR Database

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

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Remediation Program Sites

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

BROWNFIELDS..... Brownfields Tracking System

## **ADDITIONAL ENVIRONMENTAL RECORDS**

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

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

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

SWTIRE..... Solid Waste Tire Facilities



## EXECUTIVE SUMMARY

INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations
ODI.....	Open Dump Inventory
IHS OPEN DUMPS.....	Open Dumps on Indian Land

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

US HIST CDL.....	Delisted National Clandestine Laboratory Register
CDL.....	Clandestine Drug Labs
US CDL.....	National Clandestine Laboratory Register

### **Local Land Records**

LIENS 2.....	CERCLA Lien Information
--------------	-------------------------

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

HMIRS.....	Hazardous Materials Information Reporting System
SPILLS.....	Hazardous Material Logbook
SPILLS 90.....	SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

RCRA NonGen / NLR.....	RCRA - Non Generators / No Longer Regulated
FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines

## EXECUTIVE SUMMARY

FINDS.....	Facility Index System/Facility Registry System
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
AIRS.....	Arizona Airs Database
Aquifer.....	Waste Water Treatment Facilities
AZ DOD.....	Department of Defense Sites
Dry Wells.....	Drywell Registration
DRYCLEANERS.....	Drycleaner Facility Listing
EMAP.....	All Places of Interest Listing
Enforcement.....	Enforcement and Violation Listing
Financial Assurance.....	Financial Assurance Information Listing
MANIFEST.....	Facility and Manifest Data
VAPOR.....	Vapor Intrusion
UIC.....	Underground Injection Control Wells
SPDES.....	NPDES
WWFAC.....	Waste Water Treatment Facilities

### EDR HIGH RISK HISTORICAL RECORDS

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

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

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

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

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

## EXECUTIVE SUMMARY

### ADDITIONAL ENVIRONMENTAL RECORDS

#### ***Other Ascertainable Records***

INDIAN RESERV: This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GILA RIVER INDIAN RE		SW 0 - 1/8 (0.005 mi.)	0	8

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

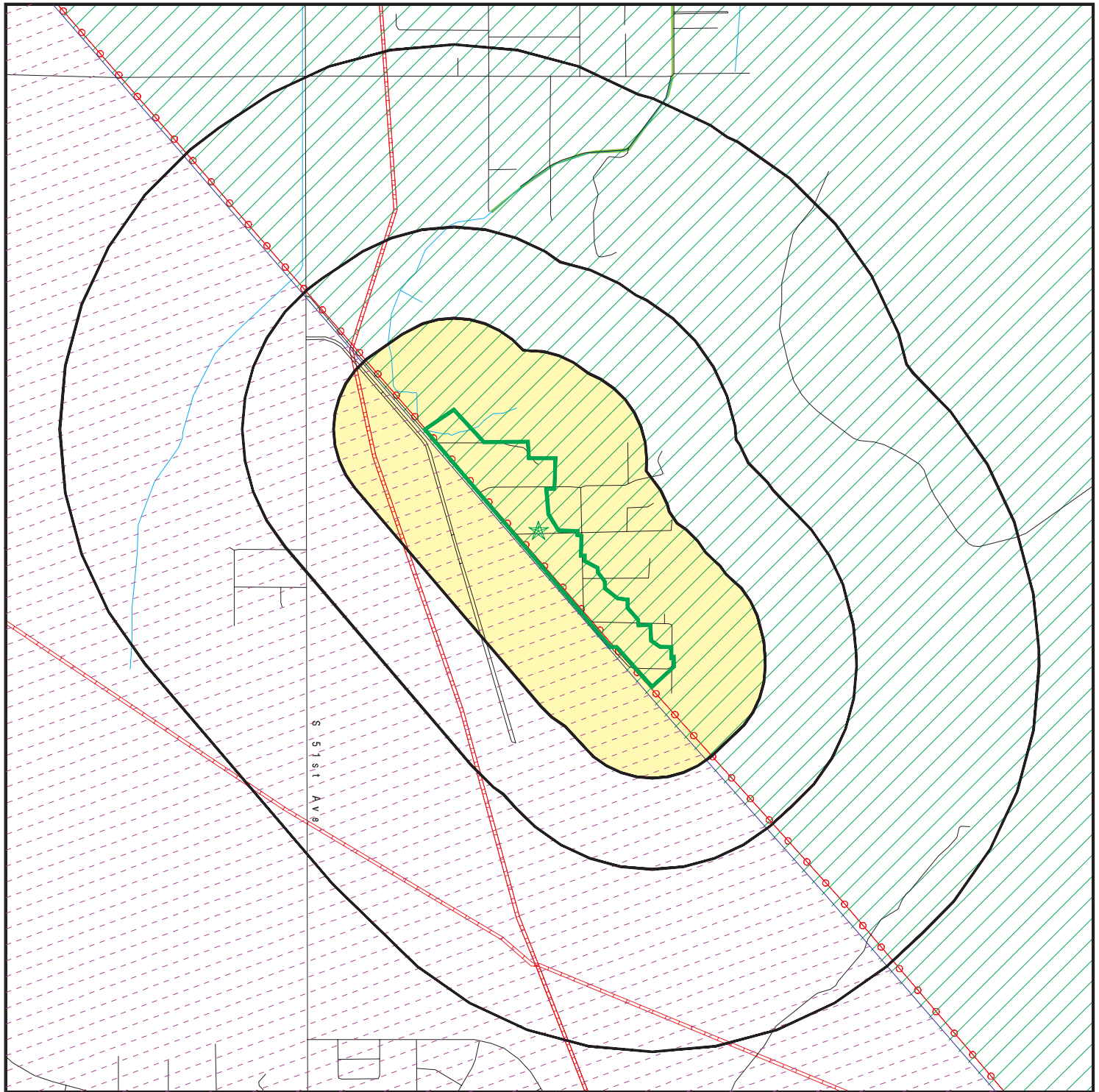
Site Name

MAGIC TOUCH CLEANERS

Database(s)

DRYCLEANERS

# OVERVIEW MAP - 5440681.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Pipelines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

DOD Sites: AZ DEQ

Water Quality Assurance Revolving Fund Areas

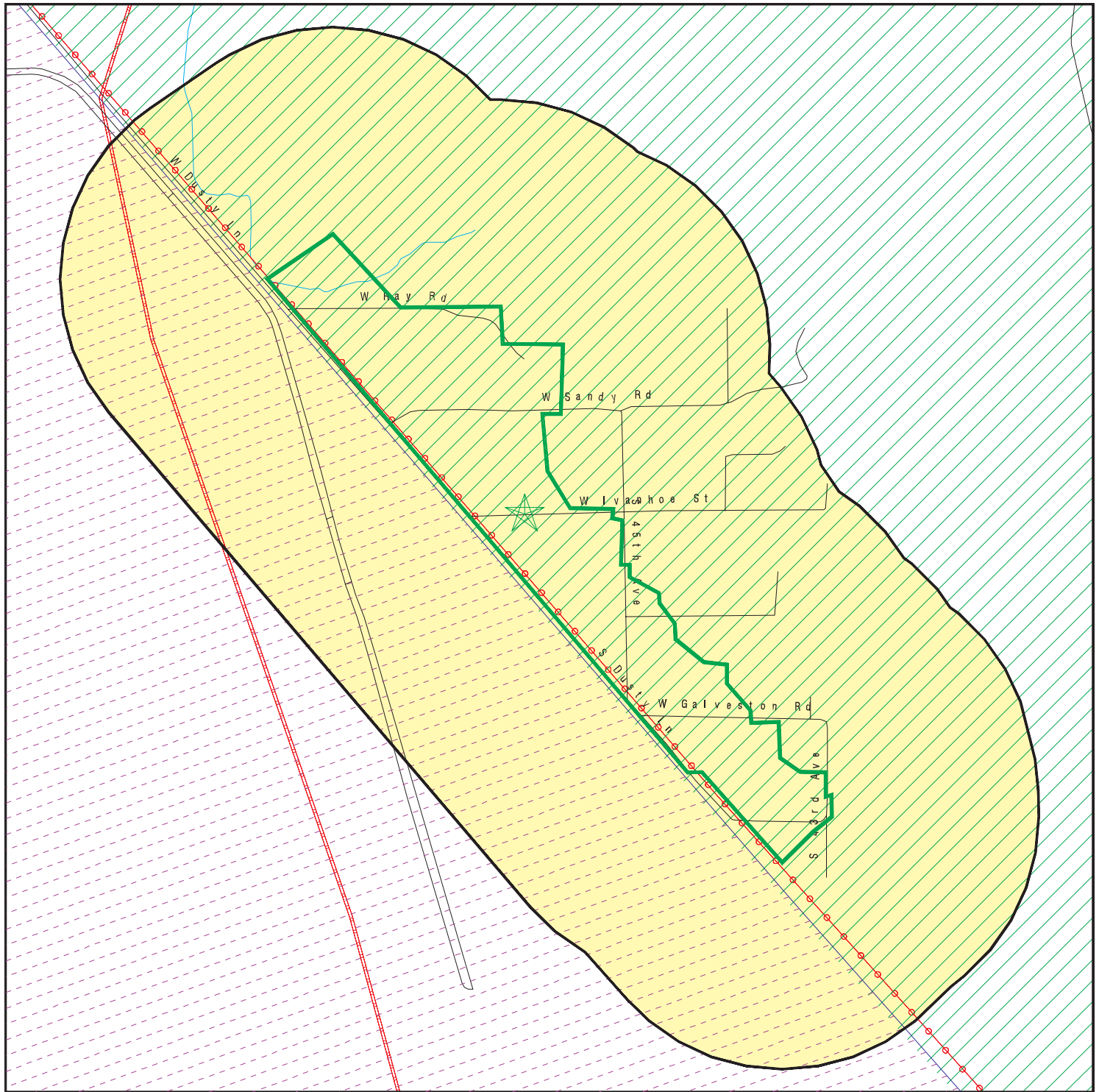
AZ NPL

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

SITE NAME: SMF 202 and Ivanhoe TI  
ADDRESS: 4600 West Ivanhoe Street  
Laveen AZ 85339  
LAT/LONG: 33.315795 / 112.158123

CLIENT: HDR  
CONTACT: Matthew Hann  
INQUIRY #: 5440681.2s  
DATE: October 02, 2018 10:32 am

# DETAIL MAP - 5440681.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- 100-year flood zone
- 500-year flood zone
- DOD Sites: AZ DEQ
- Water Quality Assurance Revolving Fund Areas
- AZ NPL

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

SITE NAME: SMF 202 and Ivanhoe TI  
 ADDRESS: 4600 West Ivanhoe Street  
 Laveen AZ 85339  
 LAT/LONG: 33.315795 / 112.158123

CLIENT: HDR  
 CONTACT: Matthew Hann  
 INQUIRY #: 5440681.2s  
 DATE: October 02, 2018 10:35 am

## MAP FINDINGS SUMMARY

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

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b>State and tribal registered storage tank lists</b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
AZURITE	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		1	0	0	0	NR	1
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
Aquifer	TP		NR	NR	NR	NR	NR	0
AZ DOD	0.500		0	0	0	NR	NR	0
Dry Wells	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMAP	TP		NR	NR	NR	NR	NR	0
Enforcement	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
VAPOR	0.500		0	0	0	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
SPDES	TP		NR	NR	NR	NR	NR	0
WWFAC	0.500		0	0	0	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

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

EDR MGP	1.000		0	0	0	0	NR	0
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## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<b><u>EDR RECOVERED GOVERNMENT ARCHIVES</u></b>								
<b><i>Exclusive Recovered Govt. Archives</i></b>								
RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	1	0	0	0	0	1

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

IND RES  
Region  
SW  
< 1/8  
29 ft.

GILA RIVER INDIAN RESERVATION  
, AZ

INDIAN RESERV

CIND200785  
N/A

INDIAN RESERV:

Feature:

Name:

Agency:

Indian Reservation

Gila River Indian Reservation

BIA

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PHOENIX	S113877632	MAGIC TOUCH CLEANERS	4302 E. RAY RD, STE#100		DRYCLEANERS

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

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

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

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

Date of Government Version: 07/17/2018	Source: EPA
Date Data Arrived at EDR: 08/09/2018	Telephone: N/A
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 08/09/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/15/2018
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

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

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

Date of Government Version: 07/17/2018	Source: EPA
Date Data Arrived at EDR: 08/09/2018	Telephone: N/A
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 08/09/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/15/2018
	Data Release Frequency: Quarterly

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 07/17/2018  
Date Data Arrived at EDR: 08/09/2018  
Date Made Active in Reports: 09/07/2018  
Number of Days to Update: 29

Source: EPA  
Telephone: N/A  
Last EDR Contact: 08/09/2018  
Next Scheduled EDR Contact: 10/15/2018  
Data Release Frequency: Quarterly

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

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 11/07/2016  
Date Data Arrived at EDR: 01/05/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 92

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 07/06/2018  
Next Scheduled EDR Contact: 10/15/2018  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 07/17/2018  
Date Data Arrived at EDR: 08/09/2018  
Date Made Active in Reports: 09/07/2018  
Number of Days to Update: 29

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 08/09/2018  
Next Scheduled EDR Contact: 10/29/2018  
Data Release Frequency: Quarterly

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

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 07/17/2018	Source: EPA
Date Data Arrived at EDR: 08/09/2018	Telephone: 800-424-9346
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 08/09/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/29/2018
	Data Release Frequency: Quarterly

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

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

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

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

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

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

### RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

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

#### LUCIS: Land Use Control Information System

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

Date of Government Version: 05/14/2018	Source: Department of the Navy
Date Data Arrived at EDR: 05/18/2018	Telephone: 843-820-7326
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/16/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/26/2018
	Data Release Frequency: Varies

#### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 08/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies

#### US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 08/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/18/2018  
Date Data Arrived at EDR: 06/27/2018  
Date Made Active in Reports: 09/14/2018  
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 09/25/2018  
Next Scheduled EDR Contact: 01/07/2019  
Data Release Frequency: Quarterly

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

AZ NPL: NPL Detail Listing

Detailed site information for NPL sites from the Arizona Department of Environmental Quality.

Date of Government Version: 03/31/2018  
Date Data Arrived at EDR: 06/26/2018  
Date Made Active in Reports: 06/28/2018  
Number of Days to Update: 2

Source: Department of Environmental Quality  
Telephone: 602-771-4609  
Last EDR Contact: 08/17/2018  
Next Scheduled EDR Contact: 12/03/2018  
Data Release Frequency: Varies

WQARF: Water Quality Assurance Revolving Fund Sites

Sites which may have an actual or potential impact upon the waters of the state, cause by hazardous substances. The WQARF program provides matching funds to political subdivisions and other state agencies for clean-up activities.

Date of Government Version: 03/31/2018  
Date Data Arrived at EDR: 06/26/2018  
Date Made Active in Reports: 06/28/2018  
Number of Days to Update: 2

Source: Department of Environmental Quality  
Telephone: 602-771-4360  
Last EDR Contact: 08/17/2018  
Next Scheduled EDR Contact: 12/03/2018  
Data Release Frequency: Annually

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

SPL: Superfund Program List

The list is representative of the sites and potential sites within the jurisdiction of the Superfund Program Section. It is comprised of the following elements: 1) Water Quality Assurance Revolving Fund Registry Sites; 2) Potential WQARF Registry sites; 3) NPL sites; and 4) Department of Defense sites requiring SPS oversight.

Date of Government Version: 08/25/2004  
Date Data Arrived at EDR: 04/04/2018  
Date Made Active in Reports: 05/17/2018  
Number of Days to Update: 43

Source: Department of Environmental Quality  
Telephone: 602-771-4360  
Last EDR Contact: 07/24/2018  
Next Scheduled EDR Contact: 11/12/2018  
Data Release Frequency: No Update Planned

SHWS: ZipAcids List

The ACIDS list consists of more than 750 locations subject to investigation under the State Water Quality Assurance Revolving Fund (WQARF) and Federal CERCLA programs. The list is no longer updated by the state.

Date of Government Version: 01/03/2000  
Date Data Arrived at EDR: 04/11/2000  
Date Made Active in Reports: 05/16/2000  
Number of Days to Update: 35

Source: Department of Environmental Quality  
Telephone: 602-771-4360  
Last EDR Contact: 09/17/2018  
Next Scheduled EDR Contact: 12/31/2018  
Data Release Frequency: No Update Planned

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

SWF/LF: Directory of Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2018  
Date Data Arrived at EDR: 08/30/2018  
Date Made Active in Reports: 10/01/2018  
Number of Days to Update: 32

Source: Department of Environmental Quality  
Telephone: 602-771-2300  
Last EDR Contact: 07/05/2018  
Next Scheduled EDR Contact: 10/22/2018  
Data Release Frequency: Varies

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

#### **LUST: Leaking Underground Storage Tank Listing**

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 04/17/2018  
Date Data Arrived at EDR: 07/11/2018  
Date Made Active in Reports: 09/05/2018  
Number of Days to Update: 56

Source: Department of Environmental Quality  
Telephone: 602-771-4345  
Last EDR Contact: 07/11/2018  
Next Scheduled EDR Contact: 10/22/2018  
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 04/12/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

#### **INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

#### **INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

#### **INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

#### **INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land**

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

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

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

Date of Government Version: 04/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-7439
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

### INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6271
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

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

#### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017	Source: FEMA
Date Data Arrived at EDR: 05/30/2017	Telephone: 202-646-5797
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 07/11/2018
Number of Days to Update: 136	Next Scheduled EDR Contact: 10/22/2018
	Data Release Frequency: Varies

#### UST: Underground Storage Tank Listing

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 09/07/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/17/2018	Telephone: 602-771-4345
Date Made Active in Reports: 09/18/2018	Last EDR Contact: 09/17/2018
Number of Days to Update: 1	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: Annually

#### AST 2: Aboveground Storage Tank Listing

A listing of aboveground storage tank site locations.

Date of Government Version: 08/30/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/05/2018	Telephone: 602-771-4380
Date Made Active in Reports: 09/28/2018	Last EDR Contact: 09/05/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

#### AST: List of Aboveground Storage Tanks

Aboveground storage tanks that the Dept. of Building & Fire Safety have permitted.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/09/2018  
Date Data Arrived at EDR: 07/10/2018  
Date Made Active in Reports: 08/31/2018  
Number of Days to Update: 52

Source: Department of Building & Fire Safety  
Telephone: 602-364-1003  
Last EDR Contact: 09/24/2018  
Next Scheduled EDR Contact: 12/24/2018  
Data Release Frequency: No Update Planned

### INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

### INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations).

Date of Government Version: 05/08/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

### INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

### INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

### INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

### INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/13/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

### INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

### INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

### ***State and tribal institutional control / engineering control registries***

#### AZURITE: Remediation and DEUR/VEMUR Tracking System

ADEQ maintains a repository listing sites remediated under programs administered by the department.

Date of Government Version: 08/07/2018  
Date Data Arrived at EDR: 08/09/2018  
Date Made Active in Reports: 08/31/2018  
Number of Days to Update: 22

Source: Department of Environmental Quality  
Telephone: 602-771-4397  
Last EDR Contact: 09/17/2018  
Next Scheduled EDR Contact: 12/31/2018  
Data Release Frequency: Varies

#### AUL: DEUR Database

Activity and use limitations include both engineering controls and institutional controls. DEUR and VEMUR sites.

DEUR: Declaration of Environmental Use Restriction. A restrictive land use covenant that is required when a property owner elects to use an institutional (i.e., administrative) control or engineering (i.e., physical) control as a means to meet remediation goals. The DEUR runs with and burdens the land, and requires maintenance of any institutional or engineering controls. VEMUR: Voluntary Environmental Mitigation Use Restriction. A restrictive land use covenant that, prior to July 18, 2000, was required when a property owner elected to remediate the property to non-residential uses. Effective July 18, 2000, the DEUR replaced the VEMUR as a restrictive use covenant.

Date of Government Version: 08/07/2018  
Date Data Arrived at EDR: 08/09/2018  
Date Made Active in Reports: 08/31/2018  
Number of Days to Update: 22

Source: Department of Environmental Quality  
Telephone: 602-771-4397  
Last EDR Contact: 09/17/2018  
Next Scheduled EDR Contact: 12/31/2018  
Data Release Frequency: Varies

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

#### VCP: Voluntary Remediation Program Sites

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 05/14/2018  
Date Data Arrived at EDR: 08/28/2018  
Date Made Active in Reports: 09/28/2018  
Number of Days to Update: 31

Source: Department of Environmental Quality  
Telephone: 602-771-4411  
Last EDR Contact: 10/01/2018  
Next Scheduled EDR Contact: 01/14/2019  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/24/2018
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Varies

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

#### BROWNFIELDS: Brownfields Tracking System

Information relating to Brownfields sites in Arizona.

Date of Government Version: 05/14/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 08/28/2018	Telephone: 602-771-4401
Date Made Active in Reports: 09/28/2018	Last EDR Contact: 10/01/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 01/14/2019
	Data Release Frequency: Varies

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/18/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/20/2018	Telephone: 202-566-2777
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 09/18/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: Semi-Annually

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

#### SWTIRE: Solid Waste Tire Facilities

A waste tire "facility" means a solid waste facility at which waste tires are stored outdoors on any day.

Date of Government Version: 05/21/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 06/26/2018	Telephone: 602-771-4132
Date Made Active in Reports: 06/28/2018	Last EDR Contact: 08/24/2018
Number of Days to Update: 2	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 07/30/2018  
Next Scheduled EDR Contact: 11/12/2018  
Data Release Frequency: Varies

### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 07/17/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: No Update Planned

### IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 08/03/2018  
Next Scheduled EDR Contact: 11/12/2018  
Data Release Frequency: Varies

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

#### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2018  
Date Data Arrived at EDR: 06/20/2018  
Date Made Active in Reports: 09/14/2018  
Number of Days to Update: 86

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/28/2018  
Next Scheduled EDR Contact: 12/10/2018  
Data Release Frequency: No Update Planned

#### CDL: Clandestine Drug Labs

A listing of drug lab seizures in Arizona.

Date of Government Version: 07/13/2018  
Date Data Arrived at EDR: 07/17/2018  
Date Made Active in Reports: 09/19/2018  
Number of Days to Update: 64

Source: Board of Technical Registration  
Telephone: 602-364-4931  
Last EDR Contact: 09/24/2018  
Next Scheduled EDR Contact: 01/07/2019  
Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/18/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/20/2018	Telephone: 202-307-1000
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 08/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Quarterly

### Local Land Records

#### LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/30/2018	Telephone: 202-564-6023
Date Made Active in Reports: 06/29/2018	Last EDR Contact: 08/09/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Semi-Annually

### Records of Emergency Release Reports

#### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 09/25/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

#### SPILLS: Hazardous Material Logbook

Chemical spills and incidents referred to the Emergency Response Unit.

Date of Government Version: 11/15/2001	Source: Department of Environmental Quality
Date Data Arrived at EDR: 06/28/2007	Telephone: 602-771-4153
Date Made Active in Reports: 07/24/2007	Last EDR Contact: 08/24/2018
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies

#### SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/11/2001	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/11/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### Other Ascertainable Records

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 08/24/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/03/2018
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/11/2018
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/22/2018
	Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/13/2018
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/22/2018
	Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 08/17/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/26/2018
	Data Release Frequency: Varies

### US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2018  
Date Data Arrived at EDR: 03/27/2018  
Date Made Active in Reports: 06/22/2018  
Number of Days to Update: 87

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 09/25/2018  
Next Scheduled EDR Contact: 01/07/2019  
Data Release Frequency: Quarterly

### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 08/03/2018  
Next Scheduled EDR Contact: 11/19/2018  
Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017  
Date Data Arrived at EDR: 05/08/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 73

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 08/10/2018  
Next Scheduled EDR Contact: 11/19/2018  
Data Release Frequency: Varies

### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 06/21/2017  
Date Made Active in Reports: 01/05/2018  
Number of Days to Update: 198

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 09/21/2018  
Next Scheduled EDR Contact: 12/31/2018  
Data Release Frequency: Every 4 Years

### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 01/10/2018  
Date Made Active in Reports: 01/12/2018  
Number of Days to Update: 2

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 08/24/2018  
Next Scheduled EDR Contact: 12/03/2018  
Data Release Frequency: Annually

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Annually

### ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 05/13/2018  
Date Data Arrived at EDR: 05/30/2018  
Date Made Active in Reports: 06/29/2018  
Number of Days to Update: 30

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 09/07/2018  
Next Scheduled EDR Contact: 12/17/2018  
Data Release Frequency: Annually

### RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/01/2018  
Date Data Arrived at EDR: 05/17/2018  
Date Made Active in Reports: 09/07/2018  
Number of Days to Update: 113

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 07/20/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013  
Date Data Arrived at EDR: 10/17/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 3

Source: EPA  
Telephone: 202-564-6023  
Last EDR Contact: 08/09/2018  
Next Scheduled EDR Contact: 11/19/2018  
Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/01/2017  
Date Data Arrived at EDR: 06/09/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 126

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 07/13/2018  
Next Scheduled EDR Contact: 10/22/2018  
Data Release Frequency: Annually

### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016  
Date Data Arrived at EDR: 11/23/2016  
Date Made Active in Reports: 02/10/2017  
Number of Days to Update: 79

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 07/09/2018  
Next Scheduled EDR Contact: 10/22/2018  
Data Release Frequency: Quarterly

**FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-566-1667  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Quarterly

**FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**  
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009  
Date Data Arrived at EDR: 04/16/2009  
Date Made Active in Reports: 05/11/2009  
Number of Days to Update: 25

Source: EPA  
Telephone: 202-566-1667  
Last EDR Contact: 08/18/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Quarterly

### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016  
Date Data Arrived at EDR: 09/08/2016  
Date Made Active in Reports: 10/21/2016  
Number of Days to Update: 43

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 09/28/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Quarterly

### COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 08/07/2009  
Date Made Active in Reports: 10/22/2009  
Number of Days to Update: 76

Source: Department of Energy  
Telephone: 202-586-8719  
Last EDR Contact: 09/07/2018  
Next Scheduled EDR Contact: 12/17/2018  
Data Release Frequency: Varies

### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2014  
Date Data Arrived at EDR: 09/10/2014  
Date Made Active in Reports: 10/20/2014  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: N/A  
Last EDR Contact: 09/04/2018  
Next Scheduled EDR Contact: 12/17/2018  
Data Release Frequency: Varies

### PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017  
Date Data Arrived at EDR: 11/30/2017  
Date Made Active in Reports: 12/15/2017  
Number of Days to Update: 15

Source: Environmental Protection Agency  
Telephone: 202-566-0517  
Last EDR Contact: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/03/2018  
Date Data Arrived at EDR: 04/05/2018  
Date Made Active in Reports: 06/29/2018  
Number of Days to Update: 85

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 07/05/2018  
Next Scheduled EDR Contact: 10/15/2018  
Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012  
Date Data Arrived at EDR: 08/07/2012  
Date Made Active in Reports: 09/18/2012  
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 08/09/2018  
Next Scheduled EDR Contact: 11/12/2018  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2018	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 04/16/2018	Telephone: Varies
Date Made Active in Reports: 06/29/2018	Last EDR Contact: 10/01/2018
Number of Days to Update: 74	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: Varies

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015	Source: EPA/NTIS
Date Data Arrived at EDR: 02/22/2017	Telephone: 800-424-9346
Date Made Active in Reports: 09/28/2017	Last EDR Contact: 08/24/2018
Number of Days to Update: 218	Next Scheduled EDR Contact: 12/03/2018
	Data Release Frequency: Biennially

### INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 07/11/2018
Number of Days to Update: 546	Next Scheduled EDR Contact: 10/22/2018
	Data Release Frequency: Semi-Annually

### FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 09/11/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 11/19/2018
	Data Release Frequency: Varies

### UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017	Source: Department of Energy
Date Data Arrived at EDR: 10/11/2017	Telephone: 505-845-0011
Date Made Active in Reports: 11/03/2017	Last EDR Contact: 08/20/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 12/03/2018
	Data Release Frequency: Varies

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/30/2018	Telephone: 703-603-8787
Date Made Active in Reports: 06/29/2018	Last EDR Contact: 08/09/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/15/2018
	Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

### US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

### US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/03/2018  
Date Data Arrived at EDR: 05/31/2018  
Date Made Active in Reports: 06/29/2018  
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 08/29/2018  
Next Scheduled EDR Contact: 12/10/2018  
Data Release Frequency: Semi-Annually

### US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 08/31/2018  
Next Scheduled EDR Contact: 12/10/2018  
Data Release Frequency: Varies

### US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 08/31/2018  
Next Scheduled EDR Contact: 12/10/2018  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018	Source: Department of Interior
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-208-2609
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 09/10/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/21/2018	Source: EPA
Date Data Arrived at EDR: 02/23/2018	Telephone: (415) 947-8000
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 09/18/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Quarterly

### ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/05/2018	Telephone: 202-564-2280
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 09/05/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Quarterly

### DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-564-0527
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 08/31/2018
Number of Days to Update: 84	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies

### UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017	Source: Department of Defense
Date Data Arrived at EDR: 06/19/2018	Telephone: 703-704-1564
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 07/13/2018
Number of Days to Update: 87	Next Scheduled EDR Contact: 10/29/2018
	Data Release Frequency: Varies

### FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/21/2018  
Date Data Arrived at EDR: 05/23/2018  
Date Made Active in Reports: 09/07/2018  
Number of Days to Update: 107

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 08/22/2018  
Next Scheduled EDR Contact: 12/03/2018  
Data Release Frequency: Quarterly

### AIRS: Arizona Airs Database

Arizona major (has the potential to emit over 100 tons of criteria pollutant) and minor (below 100 tons) sources.

Date of Government Version: 07/26/2018  
Date Data Arrived at EDR: 07/31/2018  
Date Made Active in Reports: 08/31/2018  
Number of Days to Update: 31

Source: Department of Environmental Quality  
Telephone: 602-771-2344  
Last EDR Contact: 10/01/2018  
Next Scheduled EDR Contact: 01/14/2019  
Data Release Frequency: Semi-Annually

### AQUIFER: Waste Water Treatment Facilities

Waste Water Treatment Facilities with APP (Aquifer Protection Permits.)

Date of Government Version: 09/04/2018  
Date Data Arrived at EDR: 09/06/2018  
Date Made Active in Reports: 10/01/2018  
Number of Days to Update: 25

Source: Department of Environmental Quality  
Telephone: 602-771-4623  
Last EDR Contact: 08/07/2018  
Next Scheduled EDR Contact: 11/26/2018  
Data Release Frequency: Semi-Annually

### DOD: Department of Defense Sites

These sites are federal facilities that are either being assessed for potential contamination, or have active remediation taking place on them.

Date of Government Version: 03/31/2018  
Date Data Arrived at EDR: 06/26/2018  
Date Made Active in Reports: 06/28/2018  
Number of Days to Update: 2

Source: Department of Environmental Quality  
Telephone: 602-771-4360  
Last EDR Contact: 08/17/2018  
Next Scheduled EDR Contact: 12/03/2018  
Data Release Frequency: Annually

### DRY WELLS: Drywell Registration

A drywell is a bored, drilled, or driven shaft or hole whose depth is greater than its width and is designed and constructed specifically for the disposal of storm water.

Date of Government Version: 09/12/2018  
Date Data Arrived at EDR: 09/13/2018  
Date Made Active in Reports: 10/01/2018  
Number of Days to Update: 18

Source: Department of Environmental Quality  
Telephone: 602-771-4686  
Last EDR Contact: 08/20/2018  
Next Scheduled EDR Contact: 12/03/2018  
Data Release Frequency: Semi-Annually

### DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facilities in Arizona.

Date of Government Version: 04/11/2014  
Date Data Arrived at EDR: 04/15/2014  
Date Made Active in Reports: 05/12/2014  
Number of Days to Update: 27

Source: Department of Environmental Quality  
Telephone: 602-771-4335  
Last EDR Contact: 09/17/2018  
Next Scheduled EDR Contact: 12/31/2018  
Data Release Frequency: Varies

### EMAP: All Places of Interest Listing

A listing of all places of interest to the Department of Environmental Quality, including air, waste and water sites.

Date of Government Version: 04/09/2018  
Date Data Arrived at EDR: 04/10/2018  
Date Made Active in Reports: 04/19/2018  
Number of Days to Update: 9

Source: Department of Environmental Quality  
Telephone: 602-771-4380  
Last EDR Contact: 09/04/2018  
Next Scheduled EDR Contact: 12/17/2018  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ENF: Enforcement and Violation Listing

A listing of enforcement and violation cases in the state of Arizona.

Date of Government Version: 08/02/2018  
Date Data Arrived at EDR: 08/06/2018  
Date Made Active in Reports: 09/05/2018  
Number of Days to Update: 30

Source: Department of Environmental Quality  
Telephone: 602-771-4424  
Last EDR Contact: 07/26/2018  
Next Scheduled EDR Contact: 11/12/2018  
Data Release Frequency: Varies

### Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for ust sites.

Date of Government Version: 07/09/2018  
Date Data Arrived at EDR: 07/12/2018  
Date Made Active in Reports: 09/05/2018  
Number of Days to Update: 55

Source: Department of Environmental Quality  
Telephone: 602-771-4258  
Last EDR Contact: 09/24/2018  
Next Scheduled EDR Contact: 01/07/2019  
Data Release Frequency: Varies

### AZ MANIFEST: Manifest Information

Hazardous waste manifest information

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 07/17/2018  
Date Made Active in Reports: 09/05/2018  
Number of Days to Update: 50

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 09/17/2018  
Next Scheduled EDR Contact: 12/31/2018  
Data Release Frequency: Annually

### VAPOR: Vapor Intrusion

A listing of vapor intrusion site locations

Date of Government Version: 09/24/2018  
Date Data Arrived at EDR: 09/25/2018  
Date Made Active in Reports: 10/01/2018  
Number of Days to Update: 6

Source: Department of Environmental Quality  
Telephone: 602-771-4197  
Last EDR Contact: 09/17/2018  
Next Scheduled EDR Contact: 12/31/2018  
Data Release Frequency: Varies

### UIC: Underground Injection Control Wells

Underground injection control wells.

Date of Government Version: 09/30/2015  
Date Data Arrived at EDR: 02/05/2016  
Date Made Active in Reports: 04/05/2016  
Number of Days to Update: 60

Source: Arizona Geological Survey  
Telephone: 520-770-3500  
Last EDR Contact: 07/24/2018  
Next Scheduled EDR Contact: 11/12/2018  
Data Release Frequency: Varies

### NPDES: Notice of Intent Construction Stormwater General Permits Database

NPDES permit sites

Date of Government Version: 09/04/2018  
Date Data Arrived at EDR: 09/06/2018  
Date Made Active in Reports: 10/01/2018  
Number of Days to Update: 25

Source: Department of Environmental Quality  
Telephone: 602-771-4424  
Last EDR Contact: 07/13/2018  
Next Scheduled EDR Contact: 10/22/2018  
Data Release Frequency: Varies

### WWFAC: Waste Water Treatment Facilities

Statewide list of waste water treatment facilities.

Date of Government Version: 07/09/2012  
Date Data Arrived at EDR: 07/23/2012  
Date Made Active in Reports: 09/06/2012  
Number of Days to Update: 45

Source: Department of Environmental Quality  
Telephone: 602-771-4623  
Last EDR Contact: 07/17/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR HIGH RISK HISTORICAL RECORDS

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

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

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

#### RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Arizona.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/02/2014  
Number of Days to Update: 185

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Arizona.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/15/2014  
Number of Days to Update: 198

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Arizona.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/02/2014  
Number of Days to Update: 185

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

### CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2018  
Date Data Arrived at EDR: 08/10/2018  
Date Made Active in Reports: 09/10/2018  
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 08/09/2018  
Next Scheduled EDR Contact: 11/26/2018  
Data Release Frequency: No Update Planned

### NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/01/2018  
Date Data Arrived at EDR: 08/01/2018  
Date Made Active in Reports: 08/31/2018  
Number of Days to Update: 30

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 08/01/2018  
Next Scheduled EDR Contact: 11/12/2018  
Data Release Frequency: Quarterly

### RI MANIFEST: Manifest information

Hazardous waste manifest information

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 02/23/2018  
Date Made Active in Reports: 04/09/2018  
Number of Days to Update: 45

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 08/21/2018  
Next Scheduled EDR Contact: 12/03/2018  
Data Release Frequency: Annually

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 06/15/2018  
Date Made Active in Reports: 07/09/2018  
Number of Days to Update: 24

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 09/06/2018  
Next Scheduled EDR Contact: 12/24/2018  
Data Release Frequency: Annually

### Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

### Electric Power Transmission Line Data

Source: PennWell Corporation

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health  
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Child Care Facilities & Group Homes

Source: Department of Health Services  
Telephone: 602-674-4220

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Riparian Vegetation Associated with Perennial Waters

Source: State Land Department

Telephone: 602-542-4094

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

### **STREET AND ADDRESS INFORMATION**

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## **Appendix B**

### **Sanborn® Fire Insurance Report**



Dusty Lane Sites

14600 S. Dusty Lane

Laveen, AZ 85339

Inquiry Number: 4622650.3

May 18, 2016

## Certified Sanborn® Map Report



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

# Certified Sanborn® Map Report

05/18/16

**Site Name:**

Dusty Lane Sites  
14600 S. Dusty Lane  
Laveen, AZ 85339  
EDR Inquiry # 4622650.3

**Client Name:**

HDR  
3200 East Camelback Road  
Phoenix, AZ 85018  
Contact: Kelly Kading



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by HDR were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## Certified Sanborn Results:

**Certification #** A9F2-4A9E-A22E  
**PO #** NA  
**Project** 256-275904-005

### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: A9F2-4A9E-A22E

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

*The Sanborn Library LLC Since 1866™*

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# **Appendix C**

## **Historical Aerial Photographs**





E San-Ju







Dusty Lane Sites

14600 S. Dusty Lane

Laveen, AZ 85339

Inquiry Number: 4622650.9

May 19, 2016

## The EDR Aerial Photo Decade Package



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

## EDR Aerial Photo Decade Package

05/19/16

**Site Name:**

Dusty Lane Sites  
14600 S. Dusty Lane  
Laveen, AZ 85339  
EDR Inquiry # 4622650.9

**Client Name:**

HDR  
3200 East Camelback Road  
Phoenix, AZ 85018  
Contact: Kelly Kading



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

**Search Results:**

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2007	1"=500'	Flight Year: 2007	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1997	1"=500'	Acquisition Date: April, 30 1997	USGS/DOQQ
1986	1"=500'	Flight Date: December, 30 1986	USGS
1982	1"=500'	Flight Date: May, 29 1982	USGS
1979	1"=500'	Flight Date: June, 09 1979	USGS
1971	1"=500'	Flight Date: May, 02 1971	USGS
1964	1"=500'	Flight Date: January, 31 1964	USGS
1961	1"=500'	Flight Date: May, 22 1961	USGS
1958	1"=500'	Flight Date: January, 01 1958	USDA
1954	1"=500'	Flight Date: January, 27 1954	USGS
1949	1"=500'	Flight Date: March, 27 1949	USGS

**When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.**

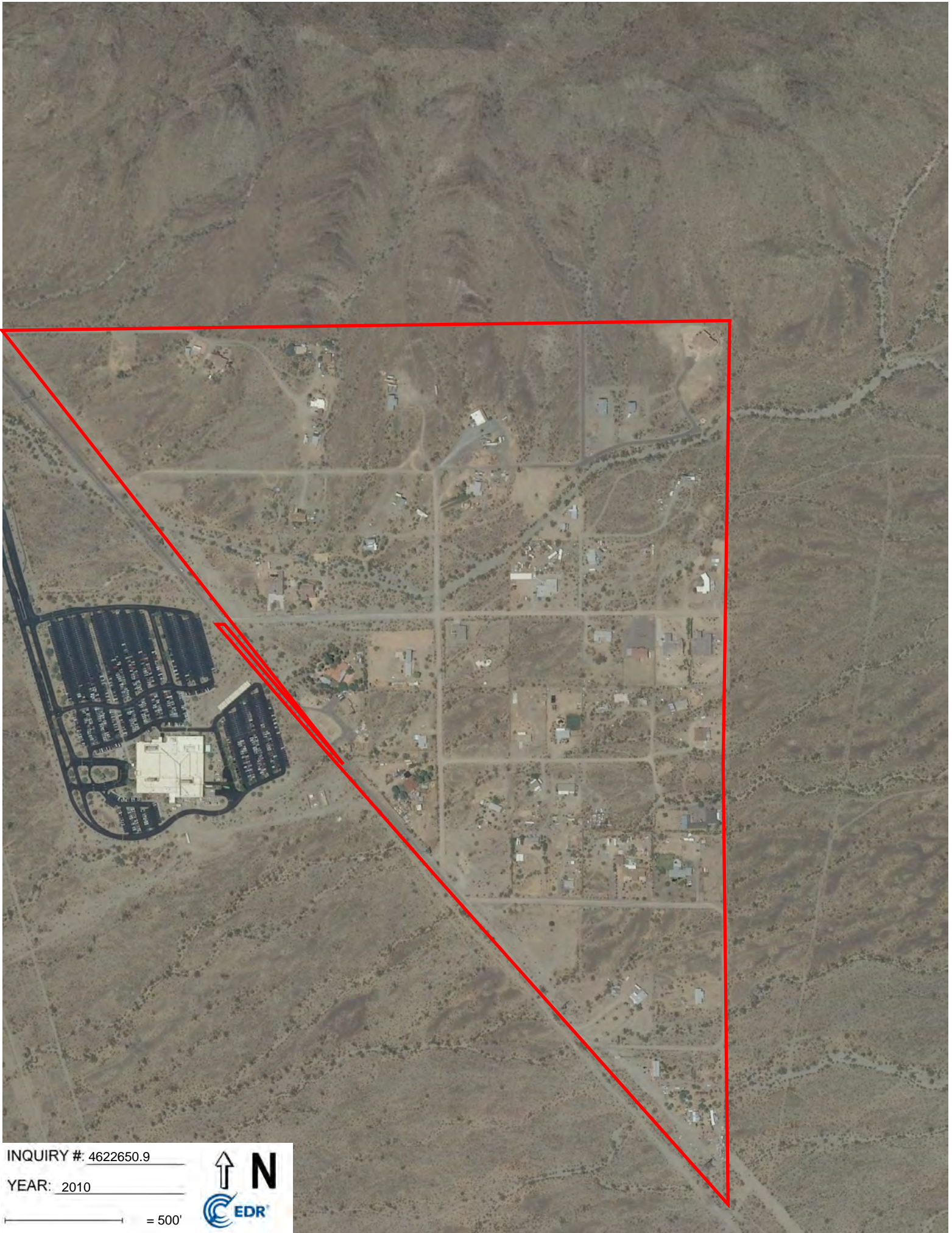
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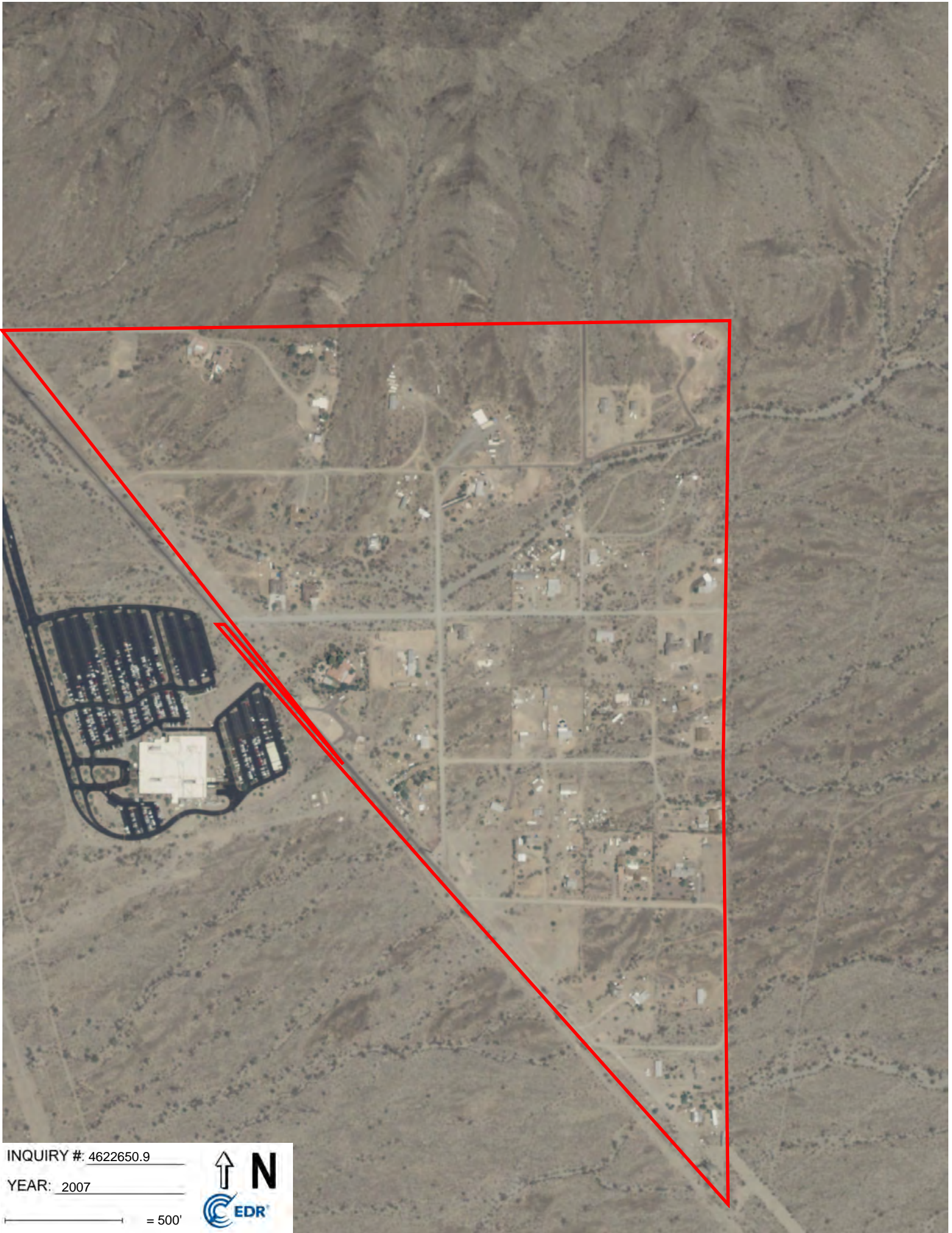
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YEAR: 2010

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INQUIRY #: 4622650.9

YEAR: 2007

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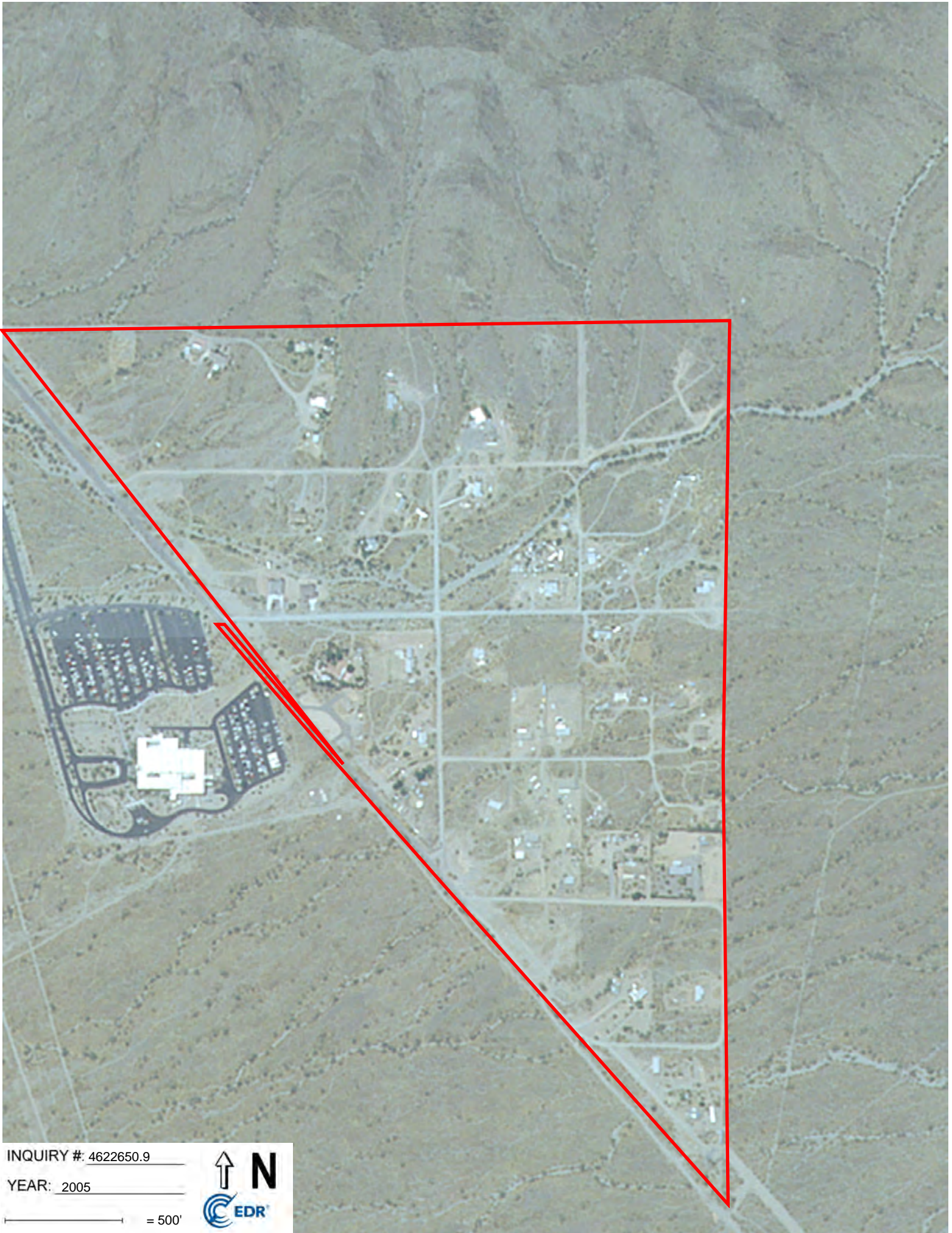
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YEAR: 2006

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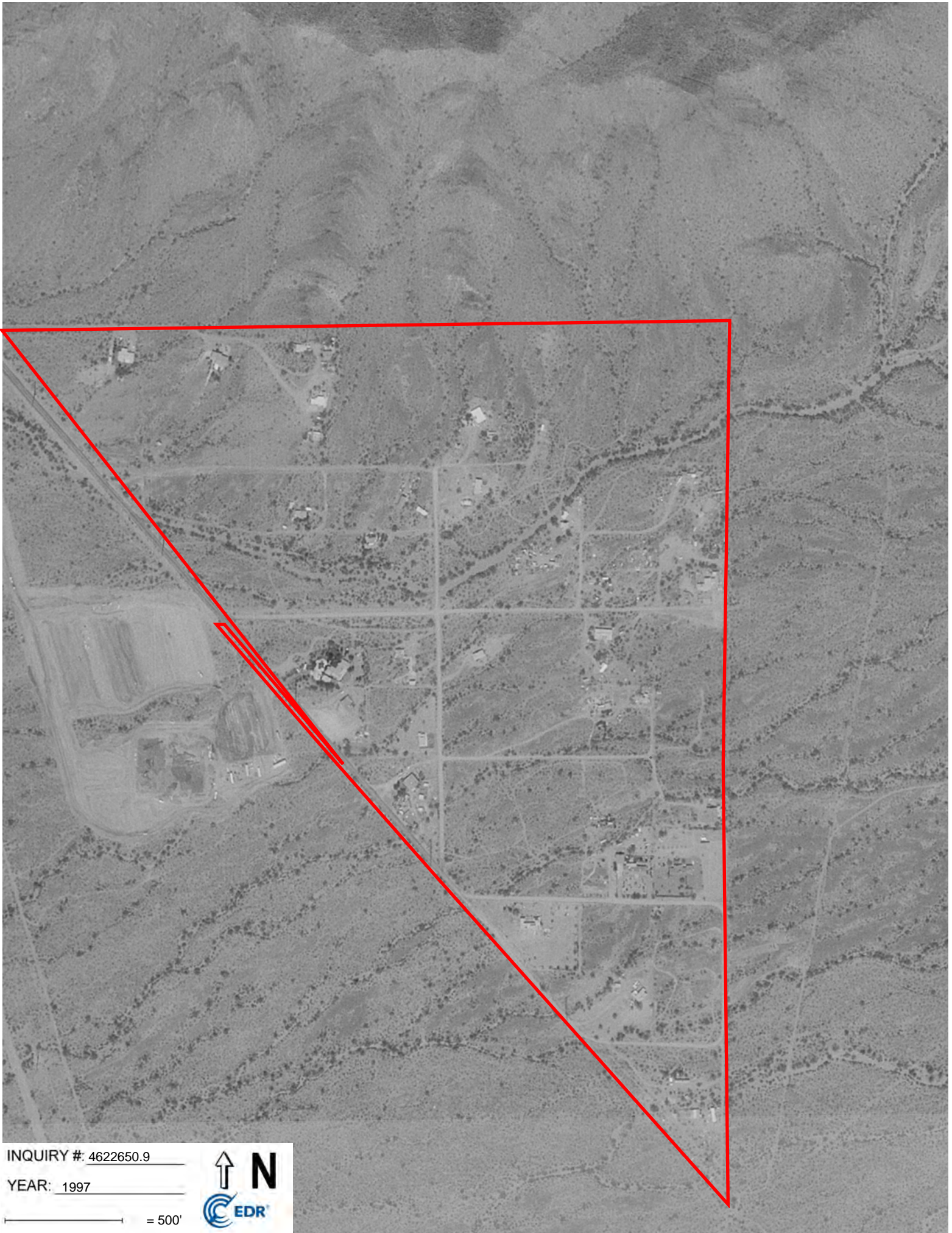
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YEAR: 2005

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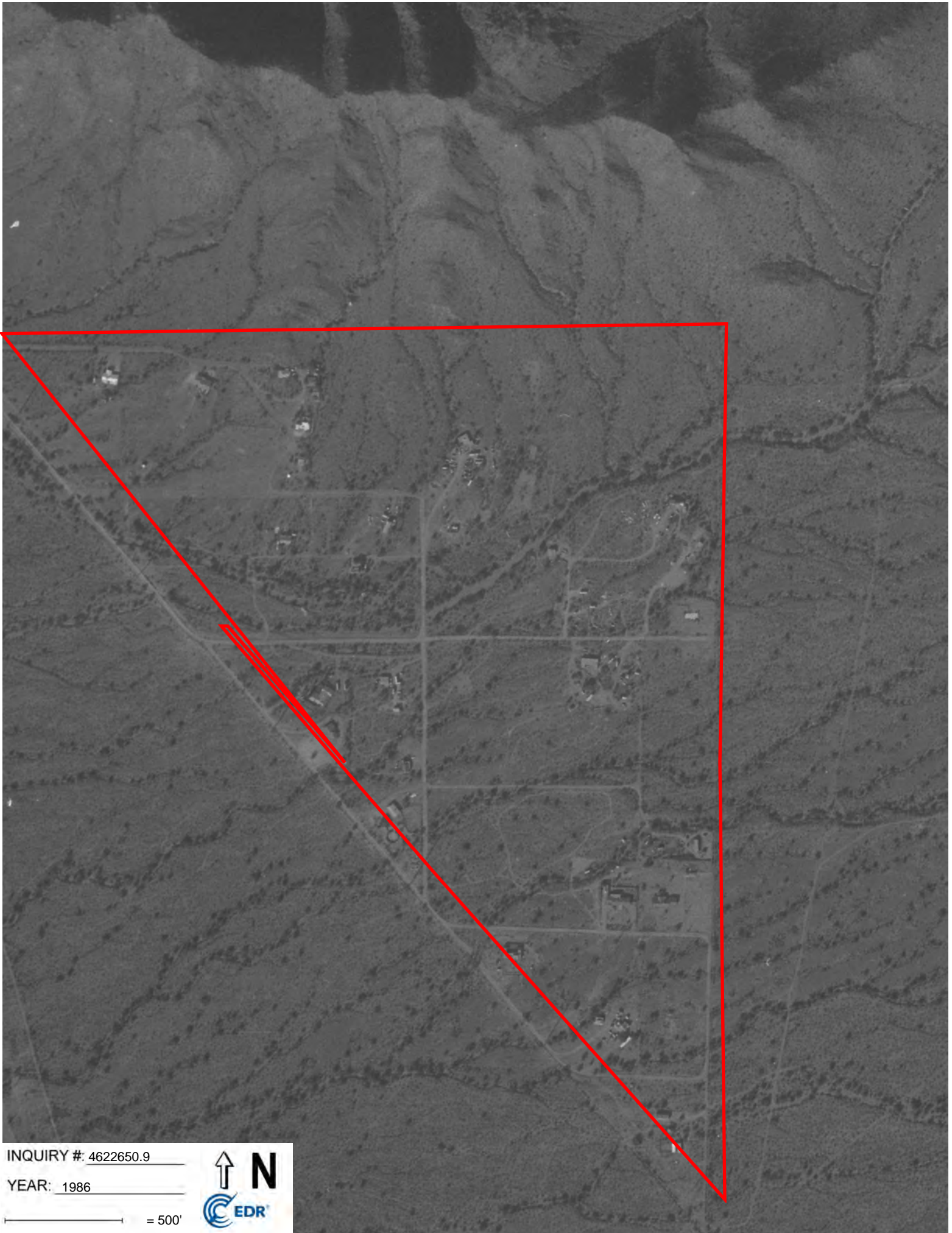
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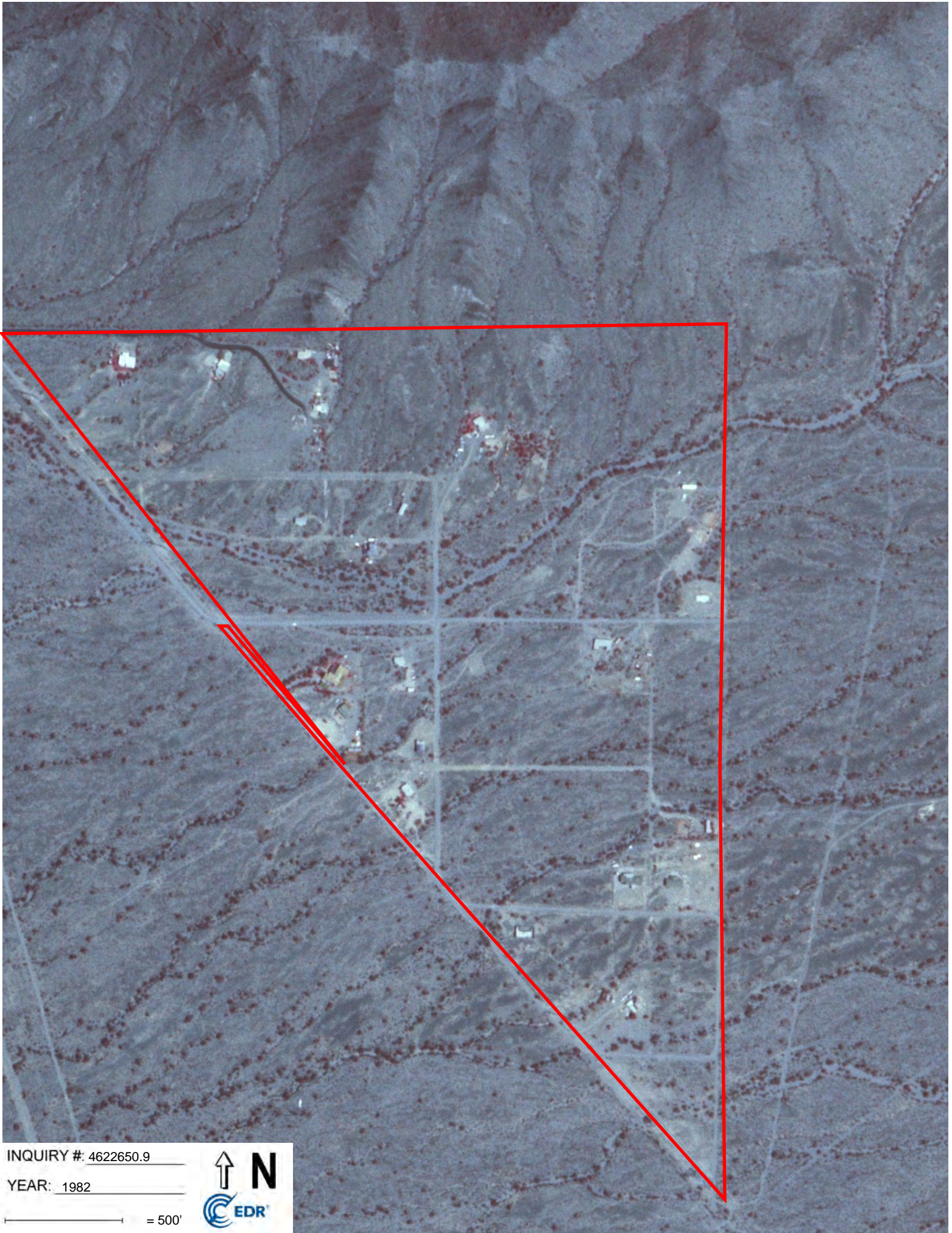
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YEAR: 1986

— = 500'







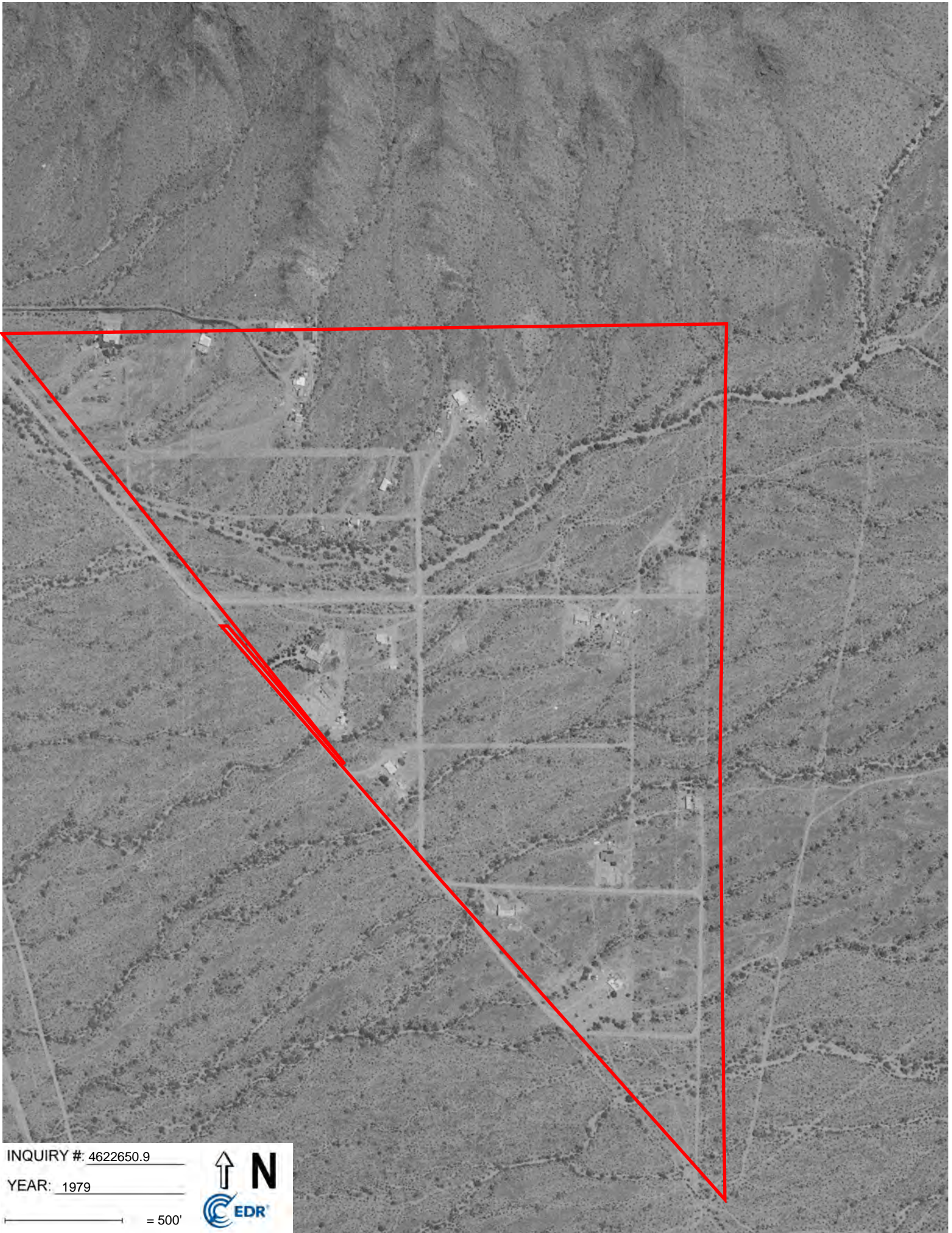
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YEAR: 1982

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INQUIRY #: 4622650.9

YEAR: 1979

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INQUIRY #: 4622650.9

YEAR: 1971

= 500'







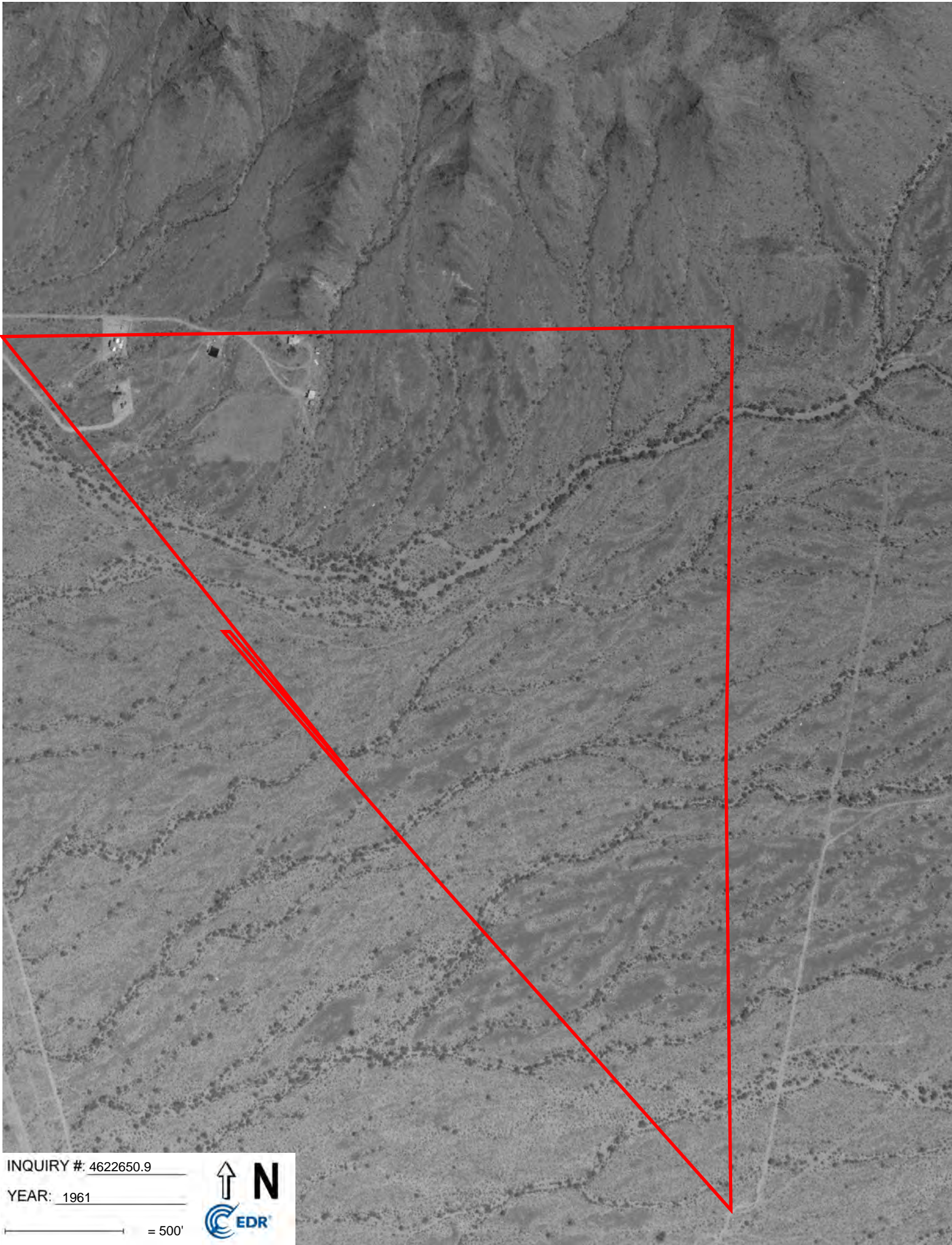
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YEAR: 1964

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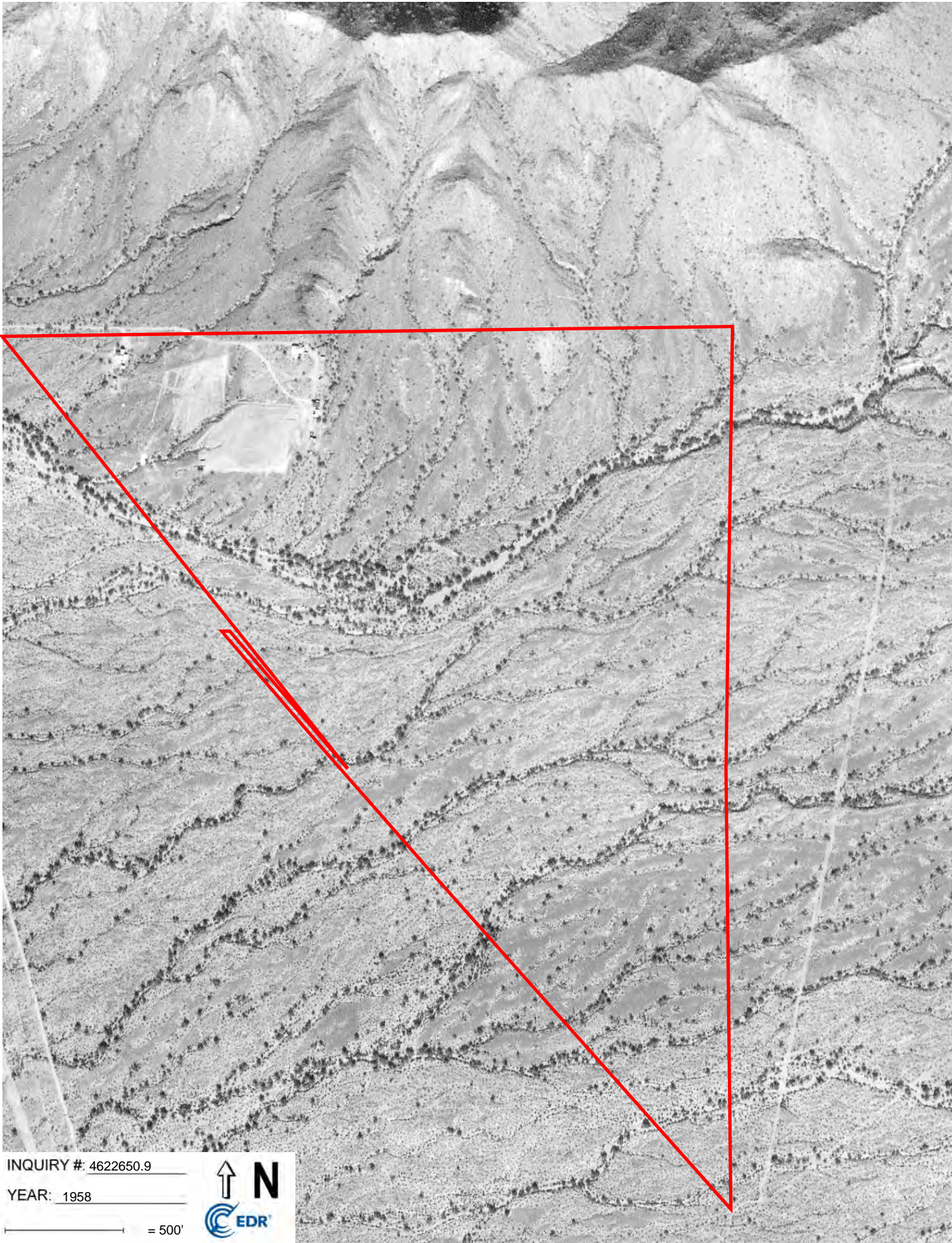
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YEAR: 1961

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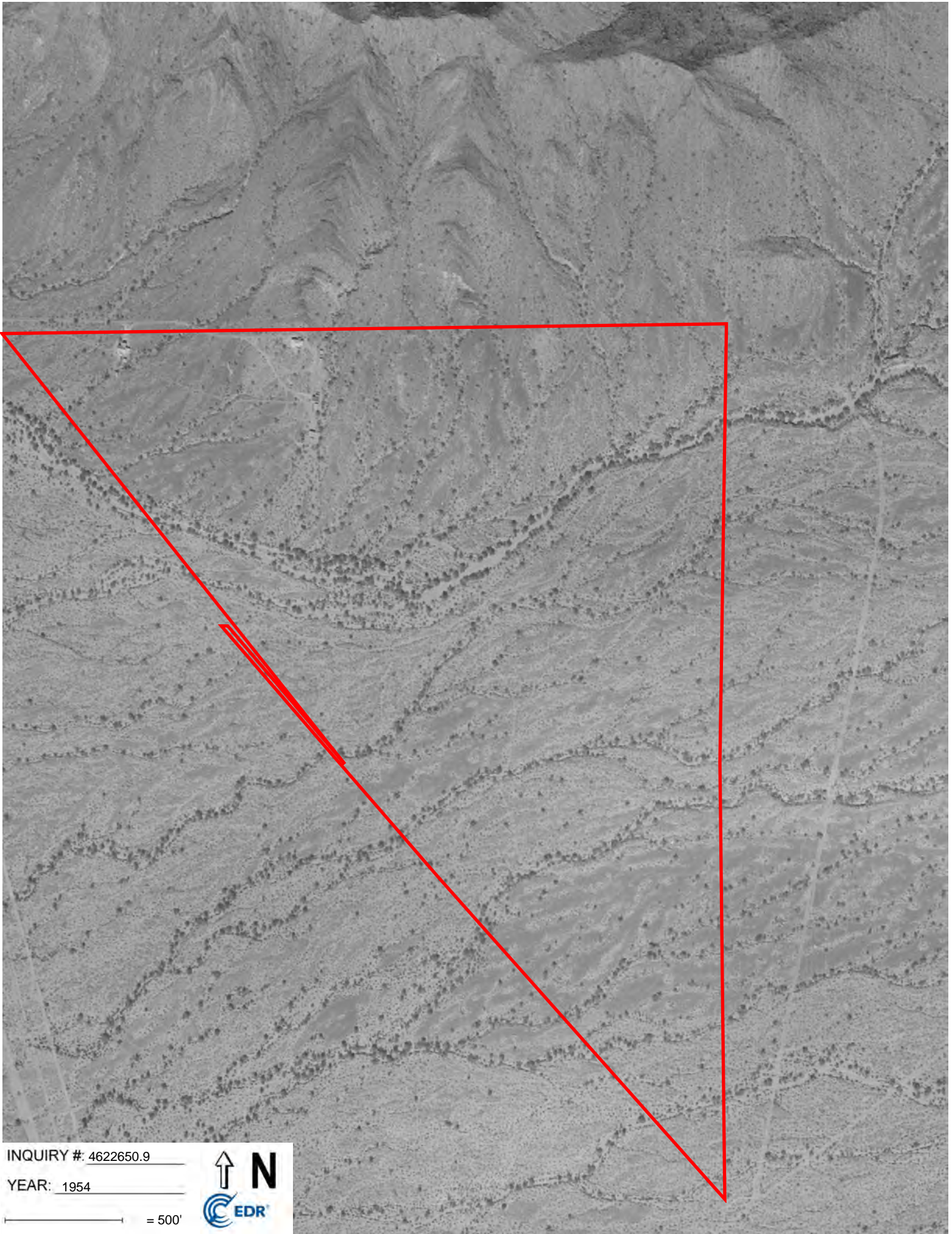
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YEAR: 1958

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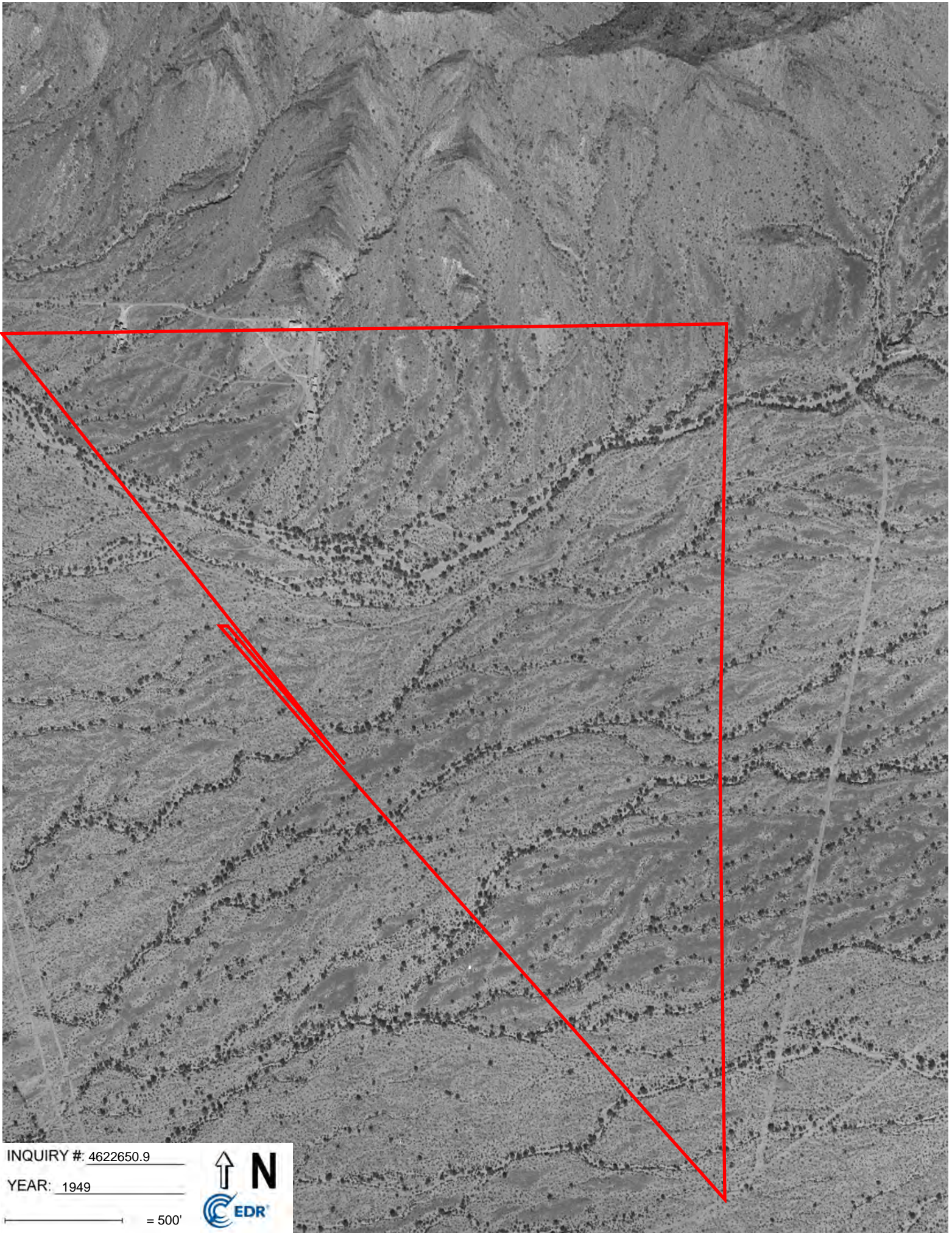
INQUIRY #: 4622650.9

YEAR: 1954

— = 500'







INQUIRY #: 4622650.9

YEAR: 1949

— = 500'





# **Appendix D**

## **Site Photographs**





Photo 1 – Ray Road, view to the east from Dusty Lane.



Photo 2 –Ray Road and Dusty Lane intersection, view to the southeast.





Photo 3 – Sandy Lane and Dusty Lane intersection, view to the northeast.



Photo 4 – Sandy Lane and Dusty Lane intersection, view to the southeast.





Photo 5 –Ivanhoe Street, view to the east from Dusty Lane.



Photo 6 – Ivanhoe Street and Dusty Lane intersection, view to the southeast.





Photo 7 – Ivanhoe Street and 45th Avenue intersection, view to the southwest.



Photo 8 – Ivanhoe Street and 45th Avenue intersection, view to the northwest





Photo 9 – Galveston Street and Dusty Lane intersection, view to the north.



Photo 10 – Corrugated metal piping storage, view to the east from Choppo Road and Dusty Lane intersection.



# **Appendix E**

## **Historical Topographic Maps**



Dusty Lane Sites

14600 S. Dusty Lane

Laveen, AZ 85339

Inquiry Number: 4622650.4

May 18, 2016

# EDR Historical Topo Map Report

## with QuadMatch™



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

# EDR Historical Topo Map Report

05/18/16

**Site Name:**

Dusty Lane Sites  
14600 S. Dusty Lane  
Laveen, AZ 85339  
EDR Inquiry # 4622650.4

**Client Name:**

HDR  
3200 East Camelback Road  
Phoenix, AZ 85018  
Contact: Kelly Kading



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by HDR were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:****Coordinates:**

<b>P.O.#</b>	NA	<b>Latitude:</b>	33.313448 33° 18' 48" North
<b>Project:</b>	256-275904-005	<b>Longitude:</b>	-112.156478 -112° 9' 23" West
		<b>UTM Zone:</b>	Zone 12 North
		<b>UTM X Meters:</b>	392347.34
		<b>UTM Y Meters:</b>	3686633.44
		<b>Elevation:</b>	1131.04' above sea level

**Maps Provided:**

2014  
1973  
1967  
1952  
1914  
1912

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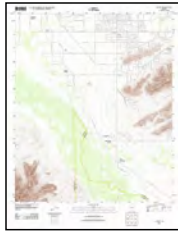
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## ***Topo Sheet Key***

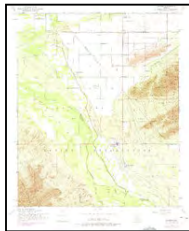
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **2014 Source Sheets**



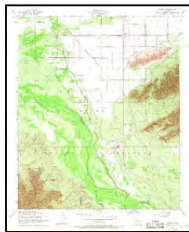
Laveen  
2014  
7.5-minute, 24000

### **1973 Source Sheets**



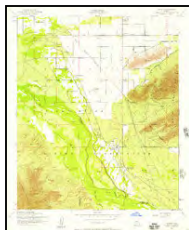
Laveen  
1973  
7.5-minute, 24000  
Photo Revised 1973  
Aerial Photo Revised 1973

### **1967 Source Sheets**



Laveen  
1967  
7.5-minute, 24000  
Photo Revised 1967  
Aerial Photo Revised 1967

### **1952 Source Sheets**



Laveen  
1952  
7.5-minute, 24000  
Aerial Photo Revised 1951



## ***Topo Sheet Key***

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1914 Source Sheets**



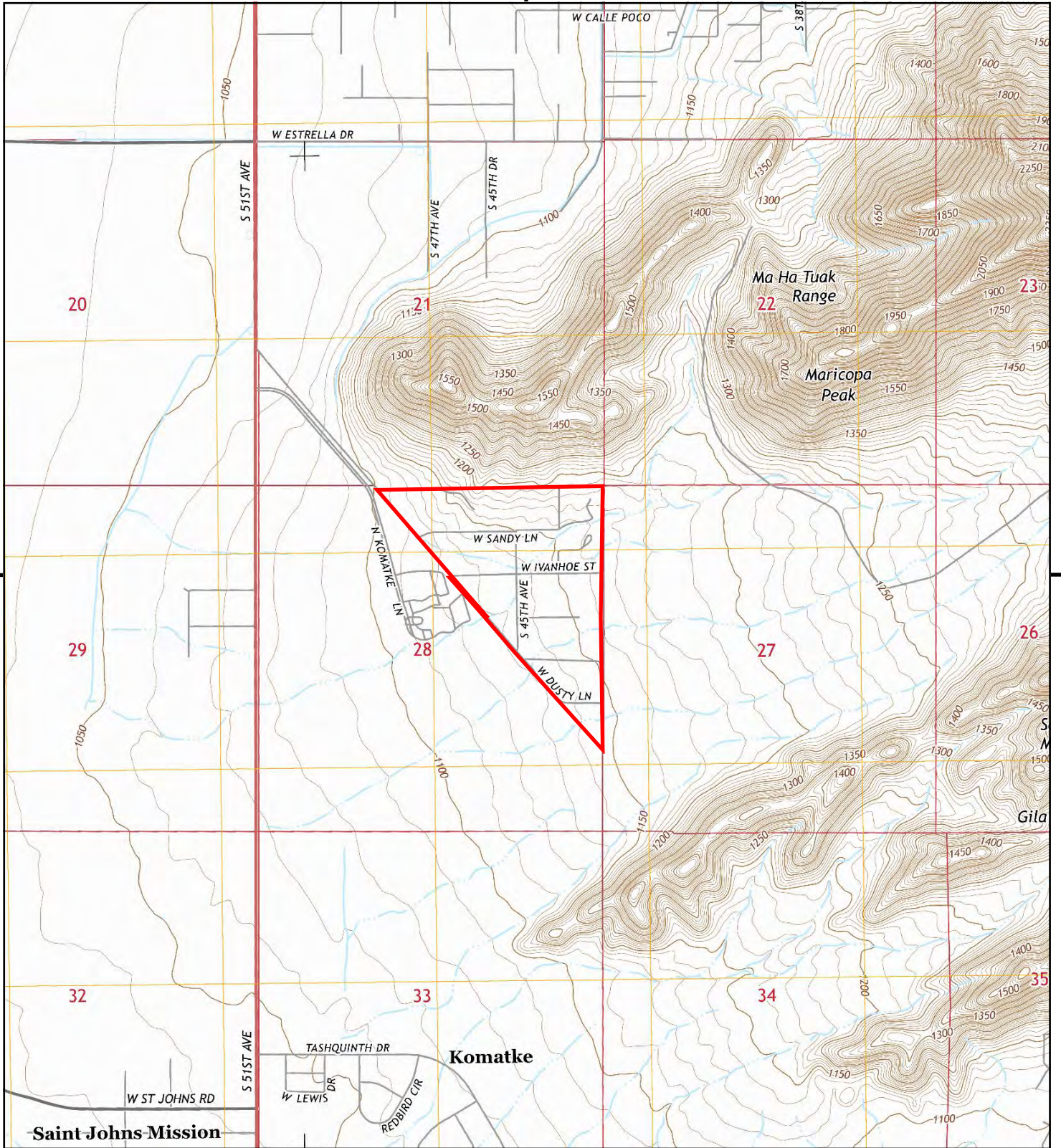
Phoenix  
1914  
15-minute, 62500

### **1912 Source Sheets**

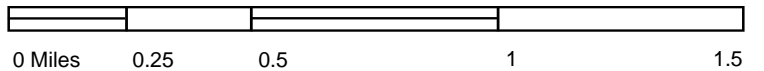


Phoenix  
1912  
15-minute, 62500





This report includes information from the following map sheet(s).

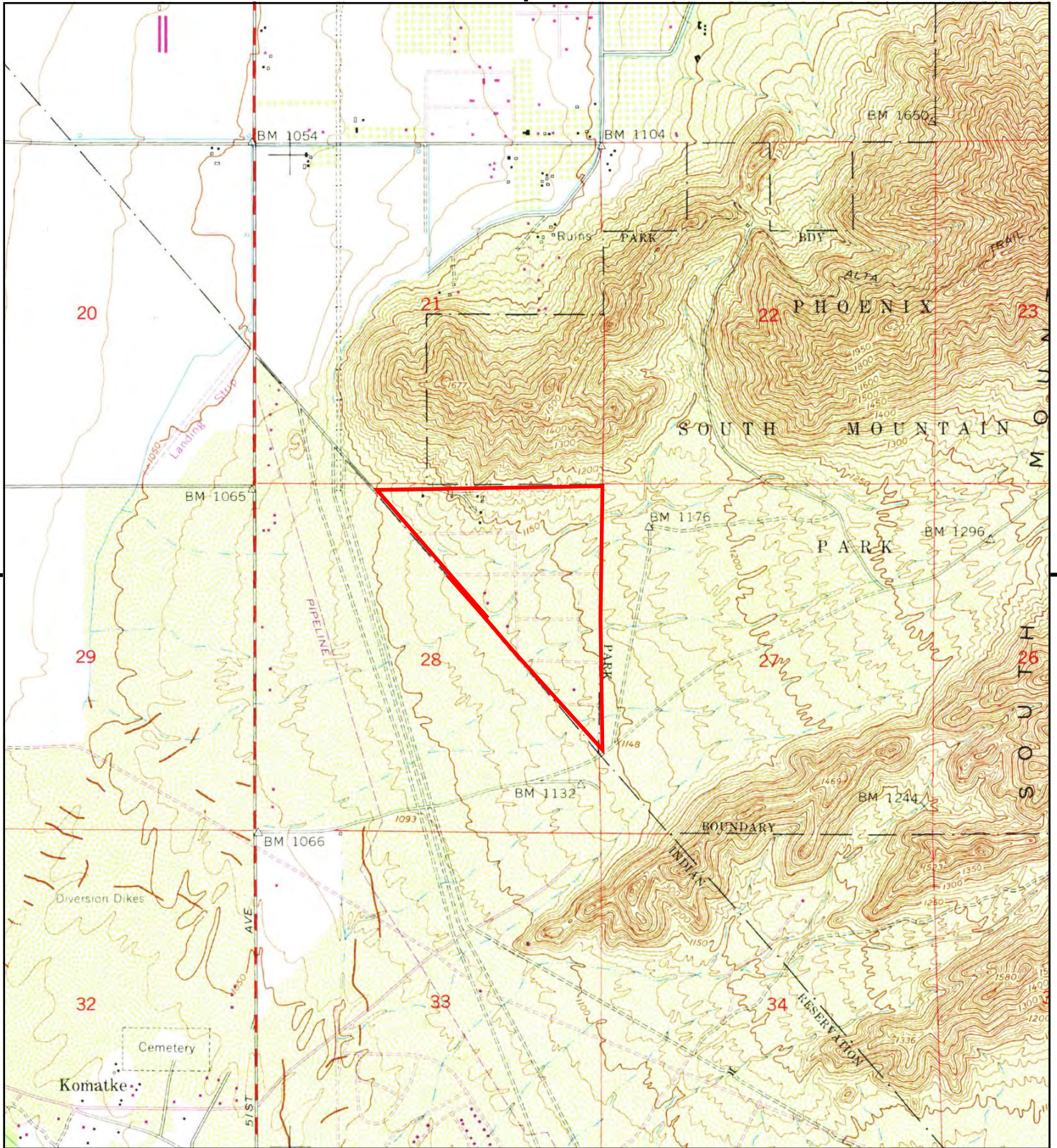


TP, Laveen, 2014, 7.5-minute

SITE NAME: Dusty Lane Sites  
ADDRESS: 14600 S. Dusty Lane  
Laveen, AZ 85339  
CLIENT: HDR







This report includes information from the following map sheet(s).

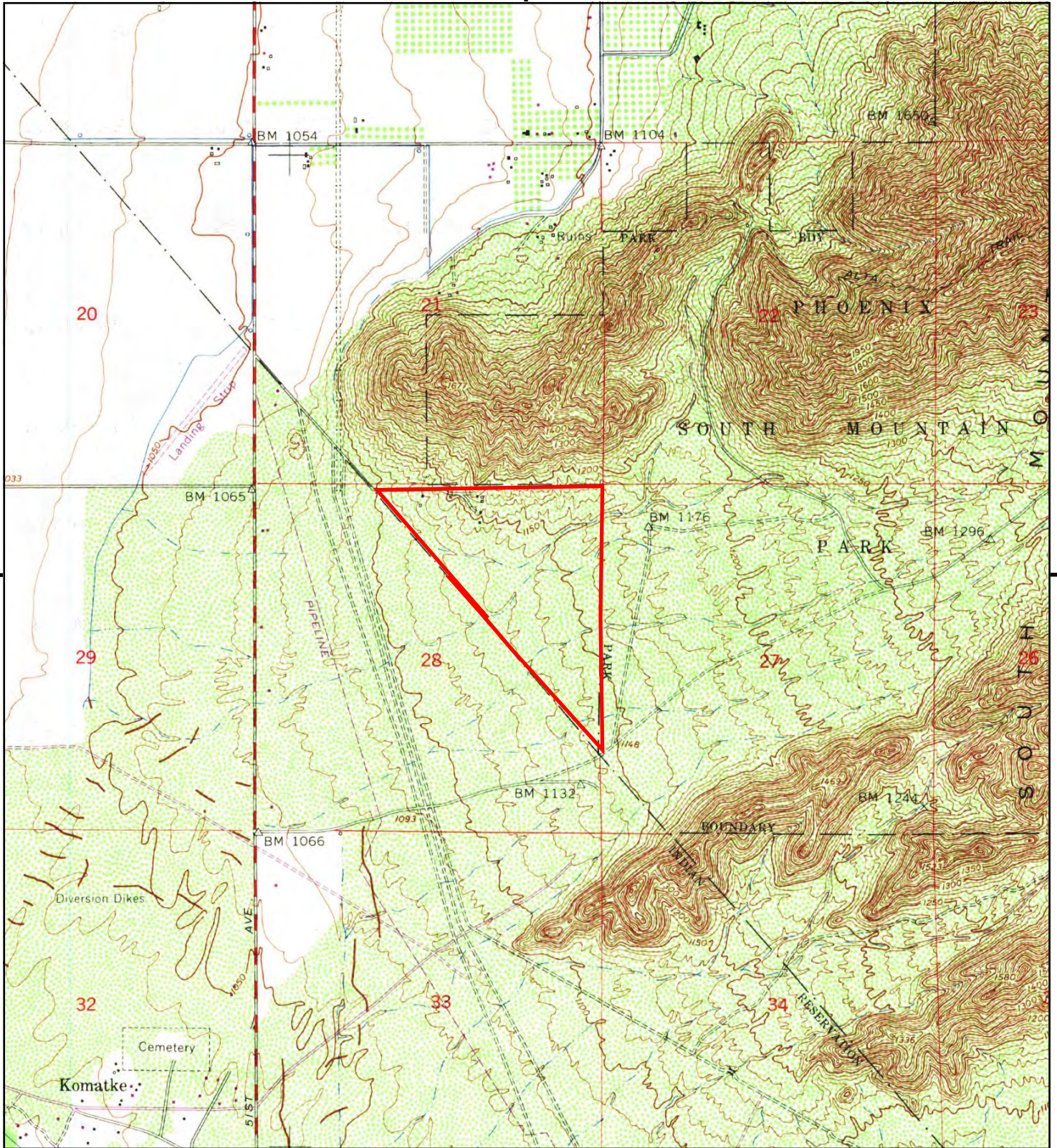


TP, Laveen, 1973, 7.5-minute

SITE NAME: Dusty Lane Sites  
ADDRESS: 14600 S. Dusty Lane  
Laveen, AZ 85339  
CLIENT: HDR







This report includes information from the following map sheet(s).

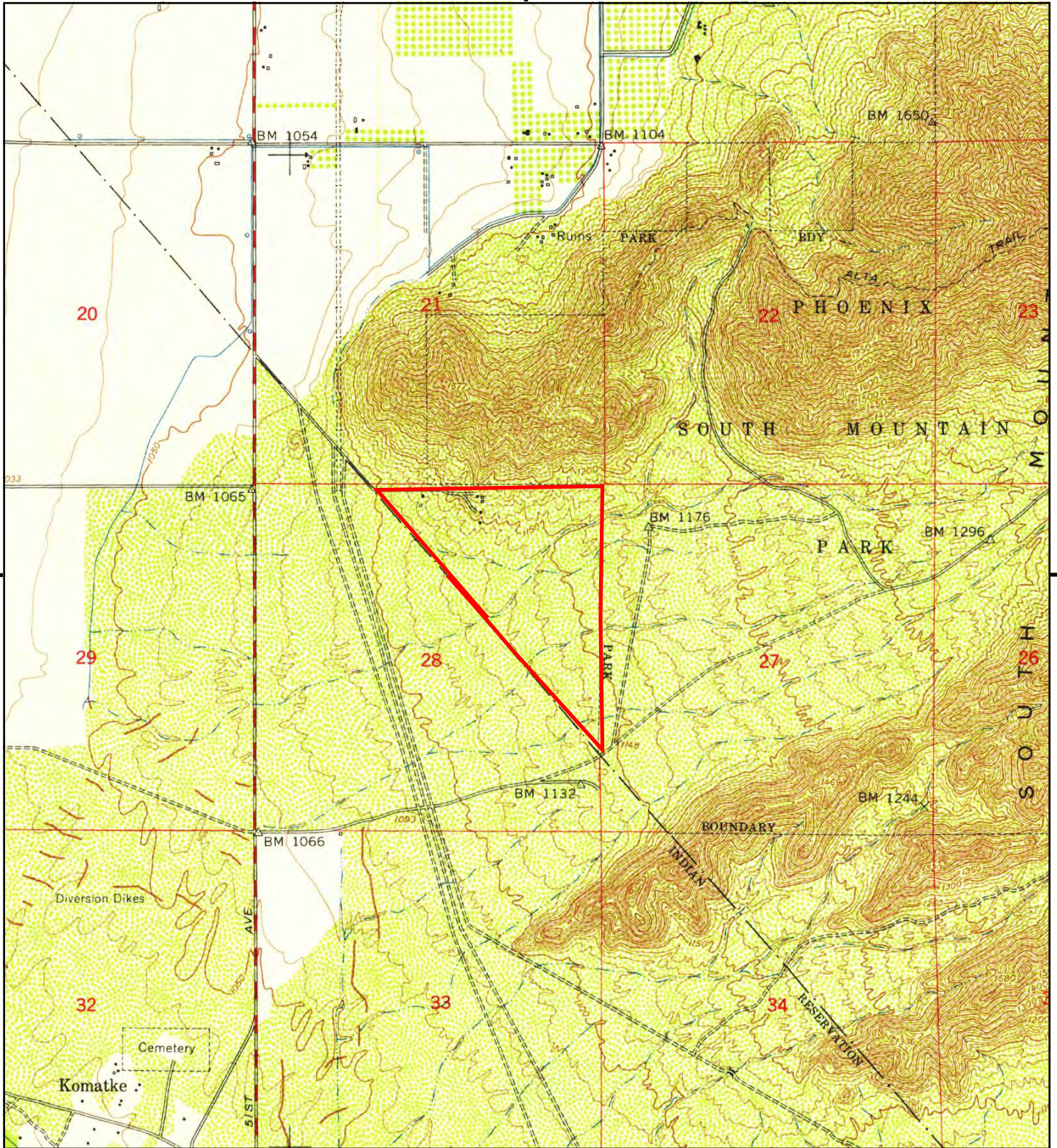


TP, Laveen, 1967, 7.5-minute

SITE NAME: Dusty Lane Sites  
ADDRESS: 14600 S. Dusty Lane  
Laveen, AZ 85339  
CLIENT: HDR







This report includes information from the following map sheet(s).

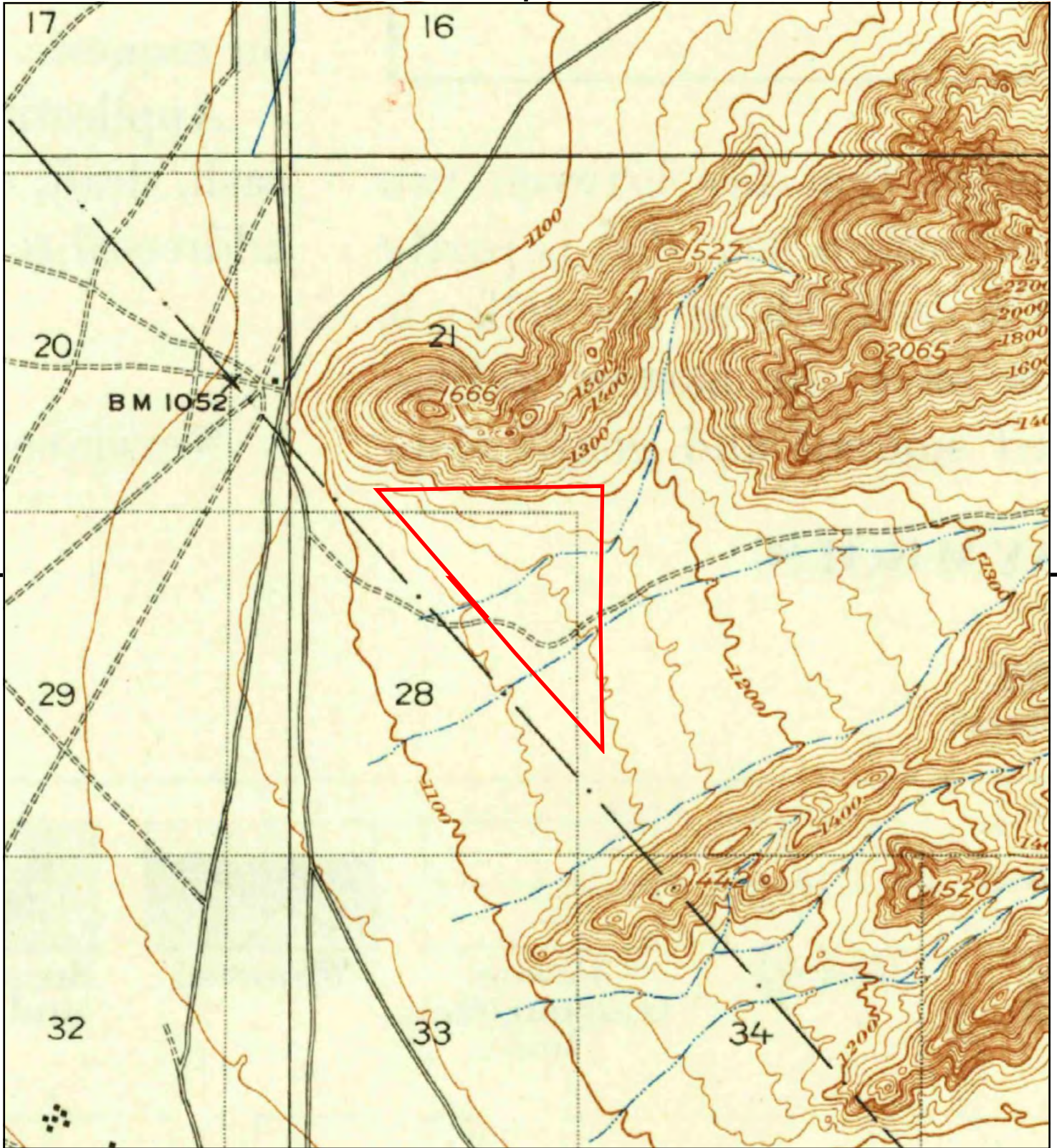


TP, Laveen, 1952, 7.5-minute

SITE NAME: Dusty Lane Sites  
ADDRESS: 14600 S. Dusty Lane  
Laveen, AZ 85339  
CLIENT: HDR







This report includes information from the following map sheet(s).

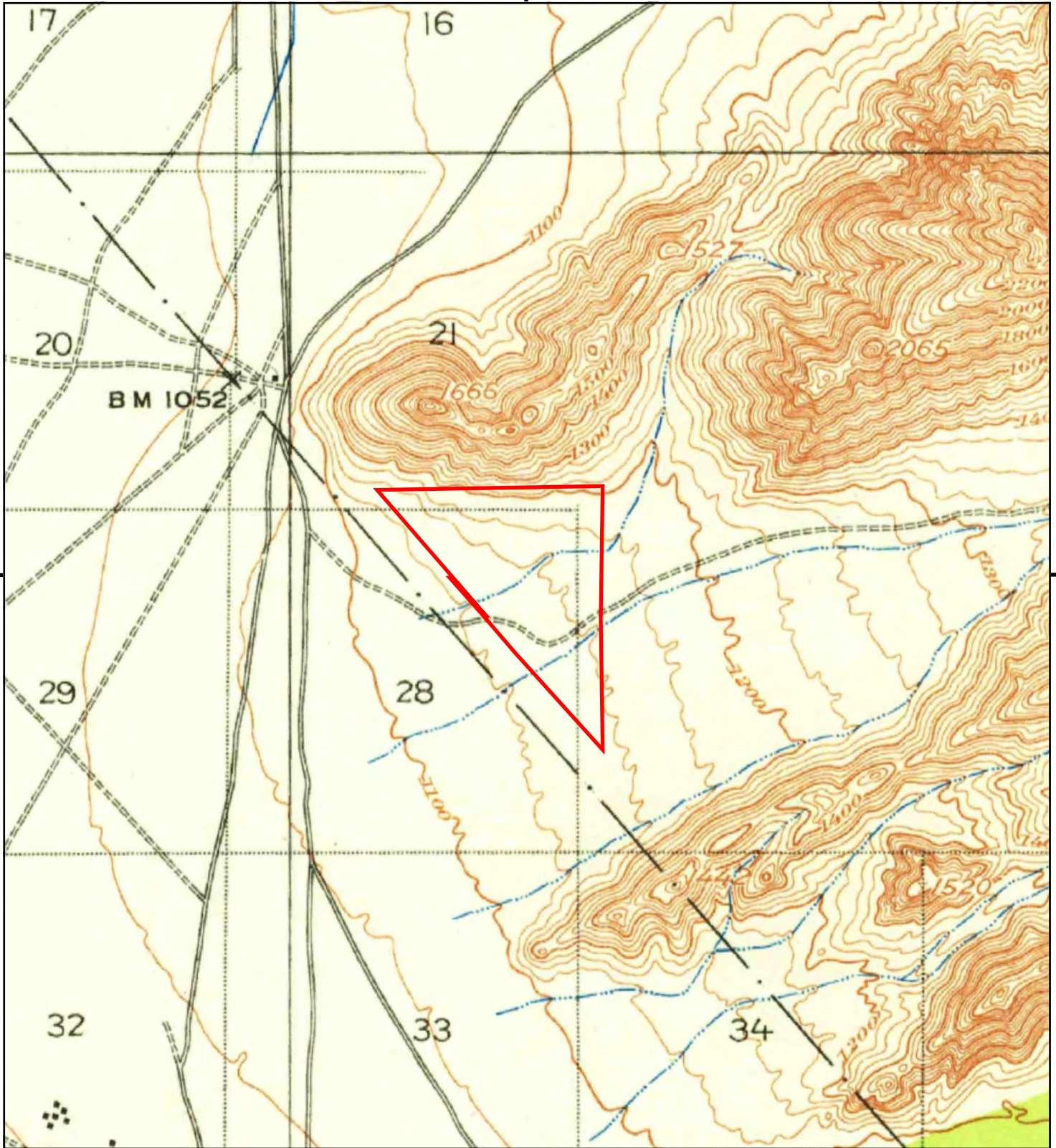


TP, Phoenix, 1914, 15-minute

SITE NAME: Dusty Lane Sites  
 ADDRESS: 14600 S. Dusty Lane  
 Laveen, AZ 85339  
 CLIENT: HDR







This report includes information from the following map sheet(s).



TP, Phoenix, 1912, 15-minute

SITE NAME: Dusty Lane Sites  
ADDRESS: 14600 S. Dusty Lane  
Laveen, AZ 85339  
CLIENT: HDR

