

Phase I Environmental Site Assessment

10.3-Acres of Vacant Land

Southeast of East Bell Road and North 94th Street

Scottsdale, Arizona

Arizona State Land Department
1616 West Adams Street | Phoenix, Arizona 85007

June 5, 2020 | Project No. 605816002



Geotechnical | Environmental | Construction Inspection & Testing | Forensic Engineering & Expert Witness

Geophysics | Engineering Geology | Laboratory Testing | Industrial Hygiene | Occupational Safety | Air Quality | GIS

Ninyo & Moore

Geotechnical & Environmental Sciences Consultants

Phase I Environmental Site Assessment

10.3-Acres of Vacant Land

Southeast of East Bell Road and North 94th Street

Scottsdale, Arizona

Mr. Joe Charles

Arizona State Land Department

1616 West Adams Street | Phoenix, Arizona 85007

June 5, 2020 | Project No. 605816002



Dylan Funkner
Staff Environmental Scientist

DJF/MJG

Distribution: (1) Addressee (via e-mail)



Mark J. Guatney, PE
Principal Engineer/
Environmental Operations Manager



CONTENTS

EXECUTIVE SUMMARY	1
CONCLUSIONS	2
RECOMMENDATIONS	2
1. INTRODUCTION	3
1.1. Purpose	3
1.2. Involved Parties	3
1.3. Scope of Work	4
1.4. Limitations and Exceptions	5
1.5. Special Terms and Conditions	5
1.6. User Reliance	5
1.7. Physical Limitations	5
1.8. Data Gaps	6
2. SUBJECT SITE	6
2.1. Site Description and Reconnaissance	6
2.2. General Site Setting	6
2.2.1. Location	6
2.2.2. Gross Site Area	6
2.2.3. Site Development	6
2.2.4. Roads	7
2.2.5. Building Description	7
2.2.6. Source of Potable Water	7
2.2.7. Sewage Disposal System	7
2.2.8. Utilities	7
2.3. Site Reconnaissance	7
3. ADJOINING PROPERTIES	8
4. USER PROVIDED INFORMATION	8
4.1. Environmental Cleanup Liens	8
4.2. Activity and Use Limitations	9
4.3. Specialized Knowledge	9
4.4. Valuation Reduction for Environmental Issues	9
4.5. Commonly Known or Reasonably Ascertainable Information	9
4.6. Degree of Obviousness of Presence or Likely Presence of Contamination	9
4.7. Other User Provided Information	9
5. HISTORICAL USE INFORMATION	9

CONTENTS

5.1.	Historical Aerial Photographs	10
5.2.	Sanborn Fire Insurance Maps	11
5.3.	Building Permits	11
5.4.	Historical Topographic Maps	11
5.5.	City Directories	11
5.6.	Interviews	12
5.7.	Review of Title Documents	12
5.8.	Previous Reports and Documents	12
6.	PHYSICAL SETTING	12
6.1.	Geologic and Soil Conditions	12
6.2.	Site Hydrology	13
6.2.1.	Surface Waters	13
6.2.2.	Flood Zones	13
6.2.3.	Groundwater	13
6.3.	Topographic Conditions	13
7.	ENVIRONMENTAL REGULATORY AGENCY INQUIRIES	13
7.1.	State Environmental Sources	14
7.2.	County Environmental Sources	14
7.3.	Fire Department	14
7.4.	Local Regulatory Sources	14
8.	ENVIRONMENTAL DATABASE REPORT REVIEW	14
9.	VAPOR ENCROACHMENT/INTRUSION	15
10.	ANALYSIS AND CONCLUSIONS	16
10.1.	Subject Site	16
10.2.	Off-Site	16
10.3.	Deviations	16
11.	RECOMMENDATIONS	17
12.	ENVIRONMENTAL PROFESSIONAL STATEMENT	18
13.	REFERENCES	19

FIGURES

Figure 1 Site Location

Figure 2 Site Plan

CONTENTS

APPENDICES

- A - Credentials**
- B - Photographic Documentation**
- C - User Questionnaire**
- D - Historical Information**
- E - Soil Map**
- F - Regulatory Agency Requests and Records**
- G - Environmental Database**
- H - Vapor Encroachment Screening Matrix**

EXECUTIVE SUMMARY

Ninyo & Moore was retained by the Arizona State Land Department (ASLD) to perform a Phase I Environmental Site Assessment (ESA) on the 10.3-Acres of Undeveloped Land located to the southeast of East Bell Road and North 94th Street, Scottsdale, Maricopa County, Arizona (the Site). The Site is comprised of approximately 10.3 acres of land, and is identified by Maricopa County Assessor's Parcel Number 217-14-984A.

The objective of this Phase I ESA is to identify, to the extent feasible pursuant to the process described in ASTM International (ASTM) Practice E1527-13, recognized environmental conditions (RECs), which are defined by ASTM as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any 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."

The results of this Phase I ESA are detailed below:

- Historical research revealed that the Site was native desert land from at least 1957 until sometime around 1997 when the majority of the Site was graded and residential development had occurred to the east of the Site. By 2017 roughly half of the Site was covered with asphalt millings or gravel. The remainder of the Site appears as natural wash areas with native vegetation.
- On May 22, 2020, Dylan Funkner of Ninyo & Moore conducted a reconnaissance of the Site. Mr. Funkner was unaccompanied during the Site reconnaissance. A second Site reconnaissance was conducted by Mark Guatney of Ninyo & Moore on June 4, 2020. Each reconnaissance involved a visual inspection of the Site, and observations of adjoining properties. At the time of these Site reconnaissances, the Site was observed as unoccupied vacant land with no permanent structures, and approximately half of the Site graded and covered with asphalt millings or gravel. Apparent use of the Site appears to be as an overflow parking lot for the south-adjoining WestWorld of Scottsdale event center.
- The City of Scottsdale provides potable water and municipal sewer services to the surrounding areas.
- Based on our Site visit, there are currently no wells on the Site.
- Ninyo & Moore did not observe quantities of hazardous substances or petroleum products used or stored on Site during our Site reconnaissance.
- Indications of aboveground storage tanks (ASTs), underground storage tanks (USTs), or hazardous material spills or leaks, were not observed during the Site reconnaissance.
- Review of an environmental database report obtained for this project indicated that the Site is not listed on the regulatory databases researched by Environmental Data Resources Inc. (EDR).

- One off-site facility was located within the EDR search radius from the Site, namely the Tom's Thumb Fresh Market and gas station at the southwest corner of East Bell Road and North 94th Street. No records of leaking underground storage tanks were identified for this nearby facility. The listed facility is not considered to be a REC to the Site at this time based on several factors, including distance from the site, location relative to the regional groundwater flow direction (e.g. hydraulically downgradient or crossgradient to the site), database listing type, and affected media if any. Refer to Section 8.2 for additional information regarding potential off site facilities of concern.
- Based on the completion of the Vapor Encroachment Condition (VEC) screening matrix, it is presumed unlikely that a VEC currently exists beneath the site.
- An environmental lien or activity and use limitations (AULs) search was not requested for this ESA.
- Ninyo & Moore's review of Arizona Department of Environmental Quality (ADEQ)'s online databases did not identify DEURs or VEMURs, or records of drywells, USTs, or leaking USTs for the Site.

CONCLUSIONS

Ninyo & Moore has performed this ESA in conformance with the scope and limitations of ASTM E1527-13 of the 10.3-acres of vacant land located southeast of the intersection of East Bell Road and 94th Street, in Scottsdale, Maricopa County, Arizona (the Site). Based on the information compiled during the preparation of this report, this assessment has revealed no evidence of RECs in connection with the Site at this time.

RECOMMENDATIONS

Based on the findings of this ESA, no further investigation is recommended at this time.

1. INTRODUCTION

Ninyo & Moore was retained by the Arizona State Land Department (ASLD) to perform a Phase I Environmental Site Assessment (ESA) on the 10.3-Acres of Undeveloped Land located southeast of East Bell Road and North 94th Street, in Scottsdale, Maricopa County, Arizona (the Site).

1.1. Purpose

In accordance with ASTM E1527-13, the objective of the ESA is to identify recognized environmental conditions. The term recognized environmental conditions (RECs) means "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any 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. The term is not intended to include *de minimis* conditions that generally do 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."

Identification of RECs will fall into three categories: existing REC (as defined above), Historical REC (HREC), or Controlled REC (CREC).

- **HREC** - An HREC is defined as "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 (AULs), institutional controls, or engineering controls)."
- **CREC** - A CREC is defined as "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, AULs, institutional controls, or engineering controls)."

1.2. Involved Parties

Dylan Funkner, Environmental Scientist of Ninyo & Moore, conducted the Site reconnaissance, performed historical research, regulatory inquiries, and prepared this report. Mark Guatney, Principal Engineer with Ninyo & Moore, provided project oversight and senior quality review for this report. Credentials of these individuals are included in Appendix A.

1.3. Scope of Work

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

- Performance of a Site reconnaissance to visually and/or physically observe the interior and exterior of structures and other features on the site as well as visible exterior features of adjoining properties to identify areas of possibly contaminated surface soil or surface water, improperly stored hazardous materials, possible sources of polychlorinated biphenyls (PCBs), and possible risks of contamination from activities at the Site and adjoining properties.
- Review of reasonably ascertainable standard environmental record sources including federal, state, and tribal regulatory agency databases for the site and for properties located within a specified radius of the Site. The purpose of this review was to evaluate possible environmental impacts to the Site and site vicinity activities. These databases list locations of known hazardous waste sites, landfills, leaking underground storage tanks (LUSTs), permitted facilities that utilize LUSTs, and facilities that use, store, or dispose of hazardous materials and/or petroleum products.
- Review of reasonably ascertainable additional environmental record sources including local records and/or additional state or tribal records for the Site and for properties located within a specified radius of the Site. The purpose of this review was to evaluate possible environmental impacts to the Site and Site vicinity activities. These databases list locations of known hazardous waste sites, solid waste landfills, registered storage tanks, emergency releases, contaminated public wells, and facilities that use, store, or dispose of hazardous materials and/or petroleum products.
- Review of reasonably ascertainable standard physical setting sources including a current United States Geological Survey (USGS) 7.5-minute topographic map, and possibly including USGS and/or state groundwater and geologic maps, and soil maps. The purpose of this review was to note information about the geologic, hydrologic, and/or topographic characteristics of the Site and Site vicinity.
- Review of reasonably ascertainable historical documents may include aerial photographs, historical fire insurance rate maps, city directories, and property tax files, as available. The purpose of this review was to review obvious uses of the Site from the present, back to the Sites first developed use, or back to 1940, whichever is earlier.
- Performance of interviews with present owners, operators, and occupants of the Site as well as other knowledgeable parties as appropriate. The purpose of these interviews is to obtain information regarding potential RECs in connection with the Site.
- Perform a preliminary vapor encroachment screening assessment on the Site and adjoining properties.
- Preparation of this ESA report documenting methodology, reporting findings, significant data gaps, and conclusions, and providing opinions of the impact on the Site of conditions noted in the findings section regarding RECs at the Site.

1.4. Limitations and Exceptions

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard of care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information or has questions regarding the content, interpretations presented, or completeness of this document.

The findings, opinions, and conclusions are based on an analysis of the observed site conditions and the referenced literature. It should be understood that the conditions of a site could change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control. Ninyo & Moore cannot warrant or guarantee that not finding indicators of any particular hazardous material means that this particular hazardous material or any other hazardous materials do not exist on the site. Additional research, including invasive testing, can reduce the uncertainty, but no techniques now commonly employed can eliminate the uncertainty altogether.

1.5. Special Terms and Conditions

As indicated in Section 13.1.5 of ASTM E 1527-13, the following represents non-scope considerations, and therefore, were not addressed in this report: asbestos-containing materials, radon, lead-based paint, lead in drinking water, regulatory compliance, industrial hygiene, health and safety, indoor air quality (e.g., vapor intrusion), and biological agents. In addition, Ninyo & Moore did not address interpretations of zoning regulations, building code requirements, or property title issues.

1.6. User Reliance

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

1.7. Physical Limitations

No physical limitations were encountered during the Site reconnaissance.

1.8. Data Gaps

A data gap is a lack of or inability to obtain data required by this practice despite good faith efforts to gather such data. In completing this ESA, Ninyo & Moore encountered the following data gaps:

- Some historical records, including historical aerial photographs, were not readily available for review in 5-year intervals and were limited or unavailable for the years prior to 1930. Based on information obtained from other sources, and the overall findings of this Phase I ESA, Ninyo & Moore concluded this data gap did not significantly impact Ninyo & Moore's ability to identify RECs associated with the Site.

2. SUBJECT SITE

The following paragraphs describe the Site, the general Site setting, and observations made during the Site reconnaissance.

2.1. Site Description and Reconnaissance

At the time of the reconnaissance, the Site was observed as unoccupied vacant land with no permanent structures. Approximately half of the Site was graded and covered with asphalt millings or gravel. The Site appears to be used for overflow parking for the Westworld of Scottsdale event center located approximately 1/3 mile south of the Site. The Site Location is presented on Figure 1, and the Site Plan with additional information concerning the Site and surrounding properties is presented on Figure 2.

2.2. General Site Setting

At the time of the reconnaissance, the Site was located southeast of East Bell Road and North 94th Street in Scottsdale Arizona. According to the Maricopa County Assessor's web page, the Site is currently zoned as WP (Western Theme Park).

2.2.1. Location

The Site is situated to the southeast of the intersection of East Bell Road and 94th Street, in Scottsdale, Arizona. The Site is also located within Section 6 of Township 3 North, Range 5 East of the Salt and Gila River Base and Meridian, in Maricopa County, Arizona.

2.2.2. Gross Site Area

According to information provided by Maricopa County Assessor's web page, the Site is approximately 10.3 acres in size.

2.2.3. Site Development

At the time of the reconnaissance, the Site was observed as unoccupied vacant land with no permanent structures. The majority of the Site was graded and covered with asphalt millings or gravel. Key on-Site observations are discussed in Section 2.3 below.

2.2.4. Roads

As shown on Figure 2, the Site is located southeast of the intersection of East Bell Road and North 94th Street. The Site is accessible from the north by East Bell Road.

2.2.5. Building Description

At the time of the reconnaissance, no buildings were observed on the Site.

2.2.6. Source of Potable Water

The City of Scottsdale provides potable water to the Site vicinity.

2.2.7. Sewage Disposal System

The City of Scottsdale provides municipal sewer service to the surrounding areas.

2.2.8. Utilities

The following utilities are provided to the Site vicinity:

- Electricity: Arizona Public Service (APS)
- Natural Gas: Southwest Gas

2.3. Site Reconnaissance

On May 22, 2020, Dylan Funkner, Environmental Scientist of Ninyo & Moore, conducted a Site reconnaissance of the property. A second Site reconnaissance was conducted by Mark Guatney, Principal Engineer of Ninyo & Moore on June 4, 2020. These reconnaissances involved a visual inspection of the Site, and observations of adjoining properties. Details regarding observations made during the Site reconnaissances are summarized in the following table:

Site Reconnaissance Summary			
Feature	Observed at Site (Yes/No)	Comment	Environmental Concern
Buried Debris, Debris Piles, and/or Evidence of Dumping	No		No
Controlled Substances Production	No		No
Drains (other than sanitary waste drains such as sinks, showers, and toilets)	No		No
Drums and Chemical Containers (capacity greater than 5 gallons)	No		No
Drywells, Retention Basins, Stormwater Drains, or Other Stormwater Features	No		No
Fill Material	No		No
Generation, Storage, and/or Disposal of Hazardous Waste	No		No
Heating and Cooling Systems	No		No
High-Voltage Electrical Transmission Lines	No		No
Interceptors and/or Separators	No		No
Odors	No		No
On-Site Records	No		No
Other Improvements and Features	No		No
Pits, Ponds, and/or Lagoons	No		No
Pooled Liquids	No		No

Feature	Observed at Site (Yes/No)	Comment	Environmental Concern
Railroads/Airports	No		No
Rivers/Washes	Yes	Two natural desert washes transect the property from north to south along the western boundary and east-central portions of the Site.	No
Septic Systems	No		No
Stained Surfaces	No		No
Soil Stockpiles	No		No
Sources of Polychlorinated Biphenyls (PCBs)	No		No
Storage Tanks	No		No
Stressed Vegetation	No		No
Sumps and/or Vaults (excluding utility vaults)	No		No
Unidentified Substances and Other Environmental Concerns/Conditions	No		No
Use and Storage of Petroleum Products and Hazardous Substances	Yes	Approximately half of the Site is covered in asphalt millings and/or gravel, to create an unpaved parking lot for the south-adjointing WestWorld of Scottsdale event center. Large stockpiles of asphalt millings were observed on the adjoining property and parking lot to the south.	No
Waste Water (excluding sanitary wastes)	No		No
Water Wells	No		No

3. ADJOINING PROPERTIES

The following table lists the properties adjoining the Site and associated land use. Based on the nature of the adjoining properties, information available in agency databases, and observations made during our Site reconnaissance, it is not likely that these properties have impacted the environmental integrity of the Site at this time.

Adjoining Properties	
Location	Adjoining Properties and Associated Land Use
North	East Bell Road followed by vacant desert land.
South	Asphalt millings or gravel-covered parking area, followed by WestWorld of Scottsdale event center.
East	Vacant land followed by Notre Dame High School.
West	Salida Del Sol Condominiums, followed by 94th Street, then Tom's Thumb Fresh Market, gas station and car wash.

4. USER PROVIDED INFORMATION

A user questionnaire was completed by Mr. Joe Charles, of the ASLD, regarding any information the User may possess regarding the history and condition of the Site.

4.1. Environmental Cleanup Liens

Mr. Charles was not aware of the existence of environmental cleanup liens associated with the Site.

4.2. Activity and Use Limitations

Mr. Charles was not aware of the existence of Activity and Use Limitations associated with the Site.

4.3. Specialized Knowledge

Mr. Charles did not disclose any specialized knowledge regarding the Site.

4.4. Valuation Reduction for Environmental Issues

Mr. Charles did not provide a response for the question regarding the sale price of the Site, since no sale of the Site is currently under contract.

4.5. Commonly Known or Reasonably Ascertainable Information

No commonly known or reasonably ascertainable information pertaining to the Site that could assist the environmental professional in identifying RECs in connection with the Site were disclosed to Ninyo & Moore.

4.6. Degree of Obviousness of Presence or Likely Presence of Contamination

No information regarding the presence or likely presence of contamination was provided to Ninyo & Moore.

4.7. Other User Provided Information

Additional user information regarding the environmental condition of the Site was not provided to Ninyo & Moore.

5. HISTORICAL USE INFORMATION

Ninyo & Moore conducted a historical record search for the Site. This included a review of one or more of the following resources that were found to be both reasonably ascertainable and useful for the purposes of this ESA: historical aerial photographs, historical fire insurance maps, historical topographic maps, land use records, and interviews with property representatives. Although one or more of the sources listed above provided limited information regarding the historical use of the Site, the information gathered from the sources reviewed as a whole is adequate to develop a history of the previous uses of the Site and the surrounding area in accordance with Section 8.3 of ASTM E1527-13. The following sections summarize information obtained from the historical sources utilized for this assessment. The following table provides a list of historical sources reviewed for this ESA. Copies of historical research documentation, such as fire insurance maps, historical aerial photographs, and topographic maps, are provided in Appendix D.

Summary of Historical Records Reviewed		
Data Type	Year(s)	Data Limitations
EDR Aerial Photo Decade Package (Inquiry Number 6065142.8S) Ship Date: May 15th, 2020	1957, 1962, 1964, 1976, 1979, 1980, 1986, 2007, 2010, 2013, 2017	None
EDR City Directory Abstract (Inquiry Number 6065142.5S) Ship Date: May 15th, 2020	1920, 1925, 1930, 1935, 1940, 1945, 1947, 1950, 1952, 1955, 1960, 1964, 1965, 1968, 1970, 1977, 1979, 1982, 1985, 1987, 1993, 1994, 1999, 2001, 2004, 2006, 2009, 2014, 2017	None
EDR Historical Topo Map (Inquiry Number 6065142.4S) Ship Date: May 15th, 2020	1904, 1906, 1906, 1930, 1939, 1964, 1964, 1965, 1965, 1982, 1982, 1982, 1982, 2006, 2014, 2014, 2014, 2014	None
EDR Sanborn Map Search/Print (Inquiry Number 6065142.3S) Ship Date: May 15th, 2020	No Coverage	None
EDR Radius Map Report (Inquiry Number 6065142.2S) Ship Date: May 15th, 2020	2020	None
Maricopa County Assessor, Aerial Photography	2020	None

5.1. Historical Aerial Photographs

Ninyo & Moore reviewed historical aerial photographs of the Site provided by EDR. A listing of the photographs reviewed is presented in the following table. Copies of the historical aerial photographs are provided in Appendix D.

Summary of Aerial Photograph Review			
Year(s)	Source	Site Comments	Adjoining Area Comments
1957	EDR	The Site appeared as vacant native desert land.	The adjoining properties appeared as vacant native desert land.
1962	EDR	No significant changes were observed from the 1957 aerial photograph.	No significant changes were observed from the 1957 aerial photograph.
1964	EDR	Two apparent dirt trails were observed on the eastern portion of the Site.	Dirt trails were observed to the north and east of the Site.
1976	EDR	No significant changes were observed from the 1964 aerial photograph.	No significant changes were observed from the 1964 aerial photograph.
1979	EDR	Two apparent dirt trails were observed on the northern portion of the Site.	No significant changes were observed from the 1976 aerial photograph.
1980	EDR	No significant changes were observed from the 1979 aerial photograph.	No significant changes were observed from the 1979 aerial photograph.
1986	EDR	No significant changes were observed from the 1980 aerial photograph.	No significant changes were observed from the 1980 aerial photograph.
1997	EDR	The Site appears graded and vegetation was removed.	Notre Dame High School is constructed to the east, and East Bell Road appears to the north of the Site. The area to the west of the Site is partially graded.
2007	EDR	No significant changes were observed from the 1997 aerial photograph.	Condominiums appear to the west of the Site.
2010	EDR	Two asphalt milling or gravel roadways connect from the gates along Bell Road to the adjoining asphalt milling or gravel-covered parking to the south. No other significant changes were observed from the 2007 aerial photograph.	No significant changes were observed from the 2007 aerial photograph.

Year(s)	Source	Site Comments	Adjoining Area Comments
2013	EDR	No significant changes were observed from the 2010 aerial photograph.	No significant changes were observed from the 2010 aerial photograph.
2017	EDR	Approximately half of the Site is graded and covered with asphalt millings or gravel. The remainder is native desert vegetation.	No significant changes were observed from the 2013 aerial photograph.
2020	Maricopa County	No significant changes to Site were observed from the 2017 aerial.	No significant changes were observed from the 2017 aerial photograph.

5.2. Sanborn Fire Insurance Maps

Ninyo & Moore requested historic fire insurance rate maps (Sanborn Maps) of the Site through EDR. Sanborn Map coverage was not available for the Site and surrounding areas. A copy of the Sanborn Map Report is included in Appendix D.

5.3. Building Permits

Ninyo & Moore conducted an online search with the City of Scottsdale Planning & Development Services Record Department for any building permits associated with the Site. No building permits were located by the department.

5.4. Historical Topographic Maps

Ninyo & Moore reviewed historical topographic maps of the Site provided by EDR. A listing of the maps reviewed is presented in the following table. Copies of the historical topographic maps are provided in Appendix D.

Summary of Topographic Maps		
Year(s)	Quadrangle	Summary
1904	Camelback	The Site and surrounding properties appeared as vacant desert land with no structures.
1906	Camelsback, Camelback	No apparent changes from the 1904 topographic map.
1930	Cave Creek	No apparent changes from the 1906 topographic map.
1939	Cave Creek	No apparent changes from the 1930 topographic map.
1964 and 1965	Currys Corner, Sawik Mountain, McDowell Peak, Paradise Valley	East Bell Road is depicted to the north of the Site.
1982	Sawik Mountain, Currys Corner, Paradise Valley, McDowell Peak	No apparent changes from the 1965 topographic map.
2006	McDowell Peak	No apparent changes from the 1982 topographic map.
2014	McDowell Peak, Sawik Mountain, Currys Corner, Paradise Valley	A residential development is depicted to the east of the Site.

5.5. City Directories

Ninyo & Moore reviewed historical City Directory listings for the Site address to evaluate facilities of potential concern, which may have been historically located on the Site. A summary of notable City Directory listings for the Site and adjoining properties is presented in the following table, and the EDR City Directory abstract is provided in Appendix D.

Year(s)	Summary
1920 to 2017	The Site was not listed in the city directories.

5.6. Interviews

Ninyo & Moore provided questionnaires for distribution to the Phase I ESA User and Site owners to provide pertinent information with regards to any known history of the Site. Mr. Joe Charles of the Arizona State Land Department, completed the owner questionnaire on May 28, 2020. Mr. Charles indicated that he was unaware of historic operations at the Site. He also indicated that he was unaware of any current or historic underground storage tanks (USTs), environmental issues, or hazardous spills/releases associated with the Site. Mr. Charles indicated that he had no knowledge of any storage of hazardous materials or wastes at the Site, nor was he aware of whether any fill soils had been imported to the Site. Additionally, he also indicated that the Site is connected to the municipal sewer service, and there are no wells on the Site. Mr. Charles also indicated that he had no knowledge of any environmental cleanup liens or activity and use limitations at the Site.

5.7. Review of Title Documents

A historical chain-of-title report was not requested for review by Ninyo & Moore during the completion of this ESA. The Site is currently owned by the Arizona State Land Department.

5.8. Previous Reports and Documents

Ninyo & Moore was not provided copies of prior reports completed for the Site.

6. PHYSICAL SETTING

The following sections include discussions of geologic and soils conditions, Site hydrology, surface waters, and topography.

6.1. Geologic and Soil Conditions

The Site is located in the Sonoran Desert Section of the Basin and Range Physiographic Province, which is typified by broad alluvial valleys separated by steep, discontinuous, sub parallel mountain ranges. The mountain ranges generally trend north-south and northwest-southeast. The basin floors contain alluvium with thickness extending to several thousands of feet. These basins are filled with alluvium from the erosion of the surrounding mountains, as well as from deposition from rivers. Coarser-grained alluvial material was deposited at the margins of the basins near the mountains. The surface geology of the area is described as

Late And Middle Pleistocene Surficial Deposits consisting of unconsolidated to weakly consolidated alluvial fan, terrace, and basin-floor deposits with moderate to strong soil development. This unit includes coarse, poorly sorted alluvial fan and terrace gravel and sand deposits, and basin-floor primarily sand, silt, and clay deposits.

Ninyo & Moore's review of the United States Department of Agriculture (USDA), Natural Resource Conservation Service (NRCS) online web soil survey indicated the primary soil type

beneath the Site is mapped as Momoli gravelly sandy loam with 1 to 5 percent slopes. A copy of the USDA NRCS Web Soil Survey report is included in Appendix E.

6.2. Site Hydrology

The following sections discuss the Site hydrology in terms of surface water and groundwater.

6.2.1. Surface Waters

Surface waters, including ponds, streams, creeks, lagoons, and other naturally-occurring bodies of water, were not observed on the Site at the time of our reconnaissance.

6.2.2. Flood Zones

Ninyo & Moore reviewed flood zone information from Federal Emergency Management Agency's (FEMA) on FEMA Flood Map Service Center webpage. According to this information, the Site is located within Zone AO, defined as an area subject to inundation by 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are between one and three feet. Average flood depths derived from detailed hydraulic analyses are shown in this zone as 1 feet, with a velocity of 4 feet per second. Mandatory flood insurance purchase requirements and floodplain management standards apply to Zone AO.

6.2.3. Groundwater

According to data published by the ADWR, the approximate depth to groundwater in the area of the Site ranges from 420 to 460 feet below ground surface (bgs). The estimated depth to groundwater is based on data obtained from wells located within an approximate 1-mile radius of the Site. Based on Ninyo & Moore's interpretation of published groundwater flow contours, groundwater flow in the Site vicinity is generally to the west or southwest. Groundwater levels and flow direction can fluctuate due to seasonal variations, groundwater withdrawal or injection, and other factors.

6.3. Topographic Conditions

Based on a review of the United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Map Series of the Currys Corner, AZ Quadrangle, the Site is situated at an elevation of approximately 1,563 feet above mean sea level. The topography of the site generally slopes towards the south-southwest.

7. ENVIRONMENTAL REGULATORY AGENCY INQUIRIES

To enhance and supplement the standard environmental record sources identified in Section 5.1, additional local and/or federal, state, or tribal records shall be checked when, in the judgement of the EP, such additional records (1) are reasonably ascertainable, (2) and sufficiently useful, accurate, and complete in light of the objective of the records review. Examples of additional record sources include department of health/environmental division, fire

department, planning/building department, or local/regional water quality agencies. In completing this ESA, Ninyo & Moore contacted the following additional record sources:

- Arizona Department of Environmental Quality (ADEQ)
- Maricopa County Environmental Health Department (MCEHD)
- Scottsdale Fire Department

Descriptions of these agencies are provided in Sections 7.1 through 7.4 below.

7.1. State Environmental Sources

Based on Ninyo & Moore's review of the ADEQ Arizona Unified Repository for Informational Tracking of Environment (AZURITE) database did not identify a Declaration of Environmental Use Restriction (DEUR) or a Voluntary Environmental Mitigation Use Restriction (VEMUR) for the Site. Ninyo & Moore's review of the ADEQ online databases indicated there were no records of drywells, underground storage tanks (USTs), or leaking underground storage tanks (LUSTs) for the Site.

7.2. County Environmental Sources

The MCEHD was contacted regarding hazardous materials or hazardous wastes records associated with the Site. The MCEHD had no records on file for the Site. In addition, Ninyo & Moore researched the online septic permit research tool, with no septic records found for the Site.

7.3. Fire Department

Ninyo & Moore requested records for the address associated with the Site regarding fire records, hazardous materials spills, and UST permits from the Scottsdale Fire Department that may be available. At the time of the writing of this report, Scottsdale Fire Department has not provided records for the Site.

7.4. Local Regulatory Sources

In completing this ESA, Ninyo & Moore concluded that contacting additional local record sources would not provide additional useful information in determining if a REC, HREC, CREC, or *de minimis* condition exists at the Site.

8. ENVIRONMENTAL DATABASE REPORT REVIEW

Environmental Data Resources, Inc. (EDR) performed a computerized environmental information database search for the Site and Site vicinity. The EDR report included federal, state, and local databases. The review was conducted to evaluate whether or not the Site or properties within the vicinity of the Site have been listed as having experienced significant unauthorized releases of hazardous substances or other events with potentially adverse environmental effects for the Site. A summary of the environmental databases searched, their corresponding search distance, and the number of listed off-site properties of potential

environmental concern to the Site are presented in the following table. A copy of the EDR Radius Map Report is presented in Appendix D.

Map Findings Summary								
Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Underground Storage Tank Listing		0.25	0	1	NR	NR	NR	1

8.1. Regulatory Database Listings for the Site

No regulatory database listings were noted for the Site.

8.2. Regulatory Database Listings for Off-Site Properties

Off-Site properties/facilities listed in the **Map Findings Summary** table above were evaluated as to their potential to impact soil, soil vapor, and/or groundwater at the Site. The following table presents the properties/facilities that were interpreted to represent a potential environmental concern to the Site, based on their proximity to the Site, the nature of the database on which they are listed, and/or the assumed direction of groundwater flow in the Site vicinity (south).

Facilities of Potential Concern	
Site Name	TOM'S THUMB FRESH MARKET
Site Address	9393 E BELL RD
Distance from Site	897
Direction from Site	WNW
Database	ENF, EMAP, Financial Assurance 1, UST
Comments	Tom's Thumb Fresh Market is a gas station located at the southwest corner of East Bell Road and North 94th Street. The facility is listed in EDR's Historic Auto Station database as a gasoline service station. One 20,000-gallon gasoline UST, one 15,000-gallon gasoline UST and one 8,000-gallon diesel UST are currently registered at the facility. The tanks are dual-walled and constructed of fiberglass-reinforced plastic. Several enforcement actions are recorded in the UST program, from 2009, 2013, 2016 and 2018; however, all have since been resolved and closed by ADEQ. The annual commercial financial assurance for USTs at the facility is currently effective through June 13, 2020. Based on this information, and the fact that no releases were documented at the facility, the database listings related to Tom's Thumb market do not represent a REC to the Site.

9. VAPOR ENCROACHMENT/INTRUSION

Ninyo & Moore conducted a preliminary vapor encroachment screen (pVES) for potential chemicals of concern (COC). The pVES was based on the guidelines presented in the ASTM E2600-15 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions. The purpose of the pVES is to identify a vapor encroachment condition (VEC), which is the presence or likely presence of COC vapors in sub-surface soils at the Site as a result of a release of vapors from contaminated soil or groundwater either on or near the Site. The potential for VECs beneath the Site was evaluated using a Vapor Encroachment Screening Matrix (VESM). The VESM included performing a Search Distance Test to identify if there are any known or suspect contaminated sites surrounding or upgradient of the Site within specific search radii, a COC Test (for those known or suspect contaminated sites identified

within the Search Distance Test) to evaluate whether or not COC are likely to be present, and a Critical Distance Test to evaluate whether or not COC in a contaminated plume may be within the critical distance of the Site (100 feet for non-petroleum hydrocarbon contaminants, and 30 feet for petroleum hydrocarbon contaminants).

Based on the completion of the VESM, it is presumed unlikely that a VEC currently exists beneath the Site. A copy of the VESM is included in Appendix H.

10. ANALYSIS AND CONCLUSIONS

Based on the results of this ESA, the following analysis and conclusions are provided.

10.1. Subject Site

Based on a review of historical documentation, the Site has consisted of vacant, unoccupied land with native desert vegetation or asphalt millings/gravel covering since at least the mid-1950s. Topographic maps dating back to 1904 show no prior structural improvements to the Site since that time. No Site listings were identified in the regulatory databases researched by EDR. No RECs were identified from on-Site sources during this ESA.

10.2. Off-Site

One off-site facility was located within the EDR search radius from the Site, namely the Tom's Thumb Fresh Market, gas station and car wash at the southwest corner of East Bell Road and North 94th Street. No records of leaking underground storage tanks were identified for this nearby facility. The listed facility is not considered to be a REC to the Site at this time based on several factors, including distance from the site, location relative to the regional groundwater flow direction (e.g. hydraulically downgradient or crossgradient to the site), database listing type, and affected media if any.

Based on information gathered during this Phase I ESA, Ninyo & Moore concluded it is unlikely off-Site properties have impacted the Site; and therefore, Ninyo & Moore does not consider off-Site sources to be a REC to the Site.

10.3. Deviations

This report was prepared in accordance with ASTM E1527-13. No deviations from the standard occurred in this ESA. Based on the information gathered by Ninyo & Moore for the purposes of this ESA, it is Ninyo & Moore's opinion the data obtained from the Site reconnaissance, records reviewed, and interviews conducted, is adequate to make a conclusion on the environmental condition of the Site with respect to the existence or lack of RECs associated with the Site.

11. RECOMMENDATIONS

Based on the findings of this ESA, no further investigation is recommended at this time.

12. ENVIRONMENTAL PROFESSIONAL STATEMENT

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

Site Assessor



Dylan Funkner

Senior Reviewer



Mark J. Guatney
Principal Engineer

Certification:

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



Mark J. Guatney - Principal Engineer

13. REFERENCES

Arizona Department of Environmental Quality web page, 2020, <http://www.azdeq.gov/index.html>.

Arizona Department of Environmental Quality web page, Records Search for Environmental Liens and Activity and Use Limitations; Voluntary Environmental Mitigation Use Restrictions (VEMUR) and Declaration of Environmental Use Restrictions (DEUR), 2020.

Arizona Department of Water Resources, 2002-2003, Hydrologic Map Series Report No. 35: dated November 2002 to February 2003.

Arizona Department of Water Resources, 2020, <https://gisweb.azwater.gov/waterresourcedata/WellRegistry.aspx>.

Environmental Data Resources, Inc., 2020, The Environmental Data Resources Sanborn Map Report, dated May 20.

Environmental Data Resources, Inc., 2020, The Environmental Data Resources Aerial Photo Decade Package, dated May 20.

Environmental Data Resources, Inc., 2020, The Environmental Data Resources City Directory Report, dated May 21.

Environmental Data Resources, Inc., 2020, The Environmental Data Resources Historical Topographic Map Report, dated May 20.

Environmental Data Resources, Inc., 2020, The Environmental Data Resources Radius Map Report with GeoCheck, dated May 20.

Flood Control District of Maricopa County Webpage, Historical Aerial Photograph Review and FEMA Flood Map Review. 2020, <http://www.fcd.maricopa.gov/GIS/maps.aspx>.

Google Earth, 2020.

Maricopa County Air Quality Department, 2020, (602) 506-6010.

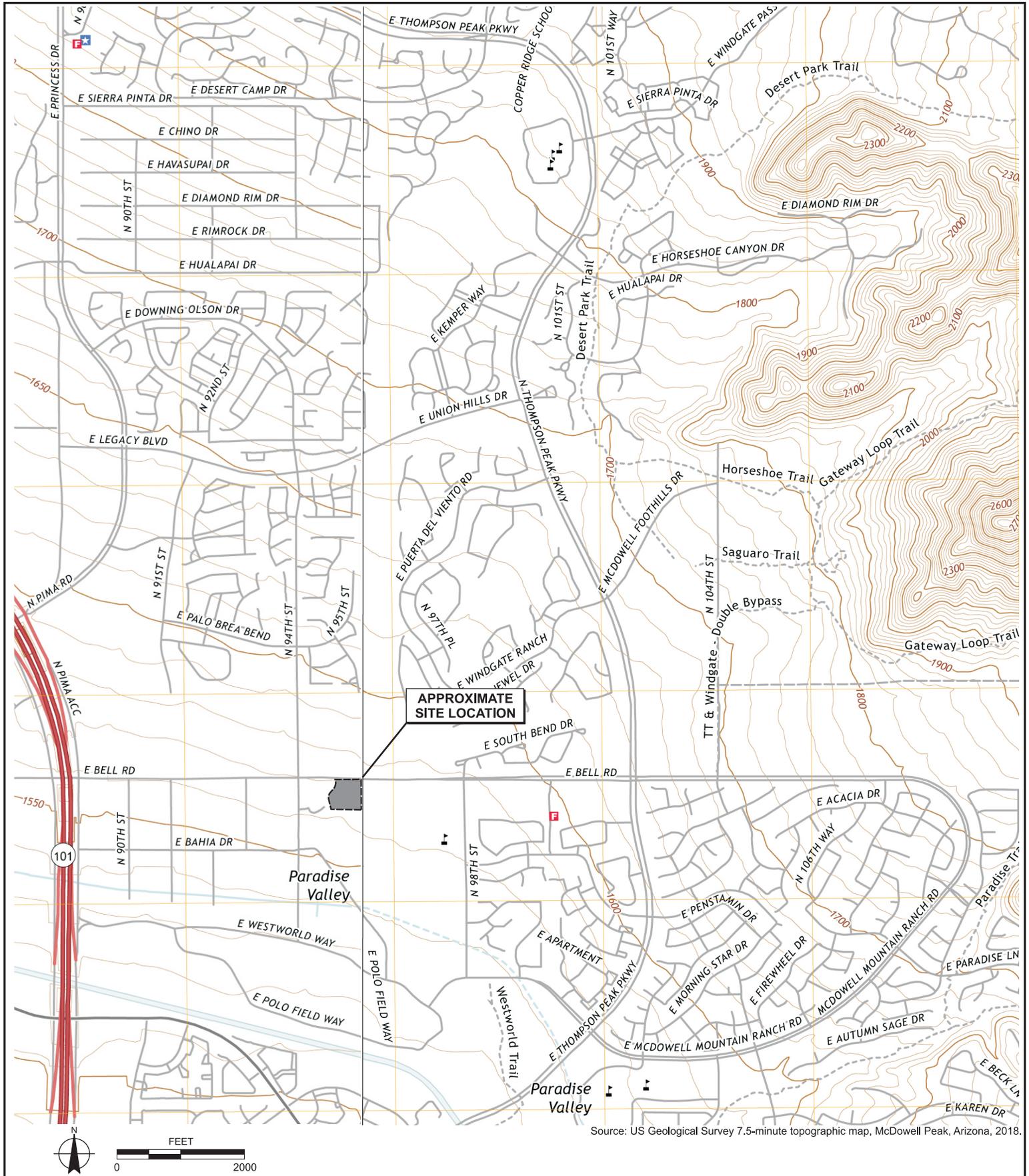
Maricopa County Assessor's Webpage, 2020, <http://www.maricopa.gov/assessor/gis/map.html>.

Maricopa County Historical Aerial Photography Website, 2020, <https://gis.maricopa.gov/GIO/HistoricalAerial/index.html>

Maricopa County Recorder's Recorded Document Search Webpage, 2020,
<https://recorder.maricopa.gov/recdocdata/>.

NRCS USDA Online Websoil Survey, 2020,
<http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>.

FIGURES



Source: US Geological Survey 7.5-minute topographic map, McDowell Peak, Arizona, 2018.

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

FIGURE 1

SITE LOCATION

PHASE I ENVIRONMENTAL SITE ASSESSMENT
 SOUTHEAST OF EAST BELL ROAD AND NORTH 94TH STREET
 SCOTTSDALE, ARIZONA





Source: NAVTEQ, 02/23/19.



NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

bsm file no: 5816sp0620

Appendix A - Credentials

Dylan J. Funkner

Staff Environmental Scientist



YEARS OF EXPERIENCE

Total: 5 Years

Ninyo & Moore: 5 Years

EDUCATION

B.S., Urban Planning, 2015, Arizona State University

CERTIFICATIONS

EPA, AHERA Asbestos Building Inspector

EPA, AHERA Asbestos Contractor/Supervisor

EPA Lead-Based Paint Inspector

CPR, AED, First Aid American Emergency Response Training

Niton XRF Analyzer Operational Training

Respirator Fit Test

40-Hour HAZWOPER

Mr. Funkner is responsible for performing asbestos and lead-based paint surveys, consulting on asbestos abatement projects, air-monitoring during abatement projects and remedial action investigations, evaluating regulatory compliance, and providing project management and client liaison services. He performs hazardous materials evaluations and prepares subsequent management plans, abatement specifications, and project oversight documentation. Mr. Funkner is also responsible for Phase I environmental site assessment research; quarterly groundwater sampling of monitoring wells; conducting surveys of roadways and buildings for asbestos, lead-based paint and mold; asbestos abatement contractor oversight and air monitoring; investigation of lead in soil contamination at outdoor shooting ranges; remediation contractor oversight and confirmatory sampling on soil remediation projects; preparation of maps and figures depicting the relationship of individual sample points and laboratory results; and other reporting functions for hazardous materials surveys, groundwater monitoring reports, and remedial project closure documentation.

EXPERIENCE

MIHS, Maricopa Medical Center, Phoenix, Arizona: Staff Environmental Scientist during a Phase I Environmental Site Assessment (ESA) at the Maricopa Medical Center located in Phoenix, Arizona. The site is approximately 51.6 acres. Our services included physical review of site facilities and practices; assessment of past and present site usage; adjacent property evaluation; evaluation of site characteristics; conducting interviews with owners and property representatives; and preparation of a Phase I ESA report documenting findings and providing opinions and recommendations regarding possible environmental impacts at the site.

Pima County, El Vado Wash Improvements, Tucson, Arizona: Staff Environmental Scientist during a Phase I Environmental Site Assessment (ESA) for the El Vado Wash Improvements project located in Tucson, Arizona. The new drainage improvements in this area included improved storm drains; improved roadway of Medina Road with inverted crown, curb, and gutter; a reinforced concrete box culvert (RCBC) below Calle Sevilla with an invert approximately 5 feet below the current grades and a headwall at Basconia Avenue; and an approximately 6-foot deep retention/detention basin with earthen side slopes. Our environmental services included a Phase I Environmental Site Assessment and consisted of physical review of site facilities and practices; assessment of past and present site usage; evaluation of site characteristics; adjacent property evaluation; and preparation of a Phase I ESA report documenting findings and providing opinions and recommendations regarding possible environmental impacts at the site.

Yuma County, Engler Avenue and US 95 Intersection Improvements, Yuma, Arizona: Staff Environmental Scientist during a Phase I Environmental Site Assessment (ESA) for four separate parcels at this intersection for Right-of-Way (ROW) acquisition of proposed intersection improvements in Yuma, Arizona. The project included installations of traffic signal including street lighting fixtures in the four corners, widening of the northbound and southbound approaches to include left turn lanes, and installations of raised curbing as needed to regulator access to the intersection. Our services reviewing readily available historical documents, local regulatory agency files, and agency databases; performing a site recon; conducting interviews with owners and/or operators; and preparation of a Phase I ESA report presenting our methodology, findings, opinions, and conclusions.

Dylan J. Funkner

Staff Environmental Scientist

New York Life, Crestone at Shadow Mountain Apartments, Phoenix, Arizona: Staff Environmental Scientist during a Phase I Environmental Site Assessment (ESA) and Limited Asbestos-Containing Material (ACM) Survey of the multi-family residential development, known as Crestone at Shadow Mountain, located in Phoenix, Arizona. The site is approximately 14 acres and is developed with 16 two-story apartment buildings used as multi-family residences. Our Phase I ESA services included background review; performing a site recon; reviewing publicly-available historical sources of information pertaining to the site; reviewing federal, state, and local regulatory agency databases; reviewing reasonably ascertainable local regulatory agency files; and preparation of a Phase I ESA report documenting the findings of the Phase I ESA and providing opinions and conclusions. Our Limited ACM services included collecting bulk samples and submitting samples to a lab for analysis and preparation of a letter report presenting the purpose, methods, and findings of our limited ACM sampling.

ADOT, Church Street Widening: Stadium Avenue to US Highway 70, Thatcher, Arizona: Staff Environmental Scientist during a Preliminary Initial Site Assessment (PISA) and Update of the Church Street Widening project along Church Street from Stadium Avenue to US 70 in Thatcher, Arizona. The project included roadway widening on Church Street from Stadium Avenue to US 70, approximately 1 mile long; new curb and gutter and curb opening drainage scuppers with spillways; and pedestrian facilities including sidewalks and curb access ramps. Our services included site recon; review readily available, relevant regulatory agency databases for facilities located within and adjacent to the Project Area; and preparation of a PISA report and update presenting our findings and providing recommendations regarding whether further assessment is indicated.

City of Surprise, San Ysidro and 163rd Avenue, Surprise, Arizona: Staff Environmental Scientist during a Phase I Environmental Site Assessment Update (ESAU) at San Ysidro and 163rd Avenue in Surprise, Arizona. The site was approximately 4.35 acres of undeveloped, vacant desert land. Our services included physical review of site facilities and practices; assessment of past and present site usage; adjacent property evaluation; evaluation of site characteristics; and preparation of a Phase I ESA report documenting findings and providing opinions and recommendations regarding possible environmental impacts at the site.

Town of Marana/Arizona State Land Department, Marana Regional Airport, Well Sites, Marana, Arizona: Staff Environmental Scientist during a Phase I Environmental Site Assessment (ESA) on two proposed well sites and associated water line easements on a portion of the Marana Regional Airport property, in Marana, Arizona. The proposed well sites for Sites 1 and 2 are approximately 0.75 acres. Site 2 includes a water line and access easement to the south (55-foot wide) and southeast (30-foot wide) of the proposed well site that stretches for an approximately 0.5 miles. Site 1 also includes a 55-foot wide access road that extends approximately 0.3 miles. Our services included review readily available maps, reports, and historical documents pertaining to the sites; review available lease and title records for the sites; conduct an interview with a property representative; perform a site reconnaissance to document existing hazardous materials; review federal, state, tribal, and local regulatory agency databases; and preparation of a Phase I ESA report presenting findings and providing opinions and recommendations regarding possible environmental impacts at the sites.

24th At Camelback and Parking Garage, Phoenix, Arizona: Staff Environmental Scientist during a Phase I Environmental Site Assessment (ESA) of a mid-rise office building and associated parking garage, known as 24th at Camelback, located in Phoenix, Arizona. The purpose of the investigation was to evaluate the potential presence of hazardous substances or petroleum products under conditions indicative of a recognized environmental condition (REC), as defined in ASTM International (ASTM) Standard E1527-13. Our Phase I ESA services included physical review of site facilities and practices; assessment of past and present site usage; evaluation of site characteristics; and preparation of a Phase I ESA report documenting findings and providing opinions and recommendations regarding possible environmental impacts at the site.

Taylor Morrison, 6 Lots, Phoenix, Arizona: Staff Environmental Scientist during a Phase I and Phase II Environmental Site Assessment (ESA) of approximately 22.74 acres of land currently developed as a farm residence and adjoining vacant land, southeast of 15th Avenue and Baseline Road, in Phoenix, Arizona. Our Phase I ESA services included physical review of site facilities and practices; assessment of past and present site usage; evaluation of site characteristics; and preparation of a Phase I ESA report documenting findings and providing opinions and recommendations regarding possible environmental impacts at the site. Our Phase II ESA services included subsurface explorations utilizing hand sampling equipment such as a shovel or trowel, to collect the 12 soil samples; Chemical Analysis of soil samples; and preparation of a Phase II ESA report presenting our methodology, findings, opinions, and conclusions regarding the Limited Phase II ESA.

Mark J. Guatney, PE, CHMM

Principal Engineer, Environmental Operations



YEARS OF EXPERIENCE

Total: 33 Years

Ninyo & Moore: 4 Years

EDUCATION

M.B.A., Business Administration, 2008,
University of Phoenix

B.S., Mechanical Engineering, 1985,
Georgia Institute of Technology

REGISTRATIONS/CERTIFICATIONS

AZ PE (Environmental) 53561

AZ PE (Mechanical) 28202

IL PE 062-060122

CHMM No. 15023

AHERA Asbestos Building Inspector

AHERA Asbestos Contractor/Supervisor

AHERA Asbestos Management/Planner

AHERA Asbestos Project Designer

Arizona Smoke School – EPA Method 9 –
Visible Emissions Training

Niton XRF Analyzer Operational Training

OSHA HAZWOPER 40-Hour

OSHA HAZWOPER 8-Hour Refresher

PROFESSIONAL AFFILIATIONS

American Public Works Association

Arizona Rock Products Association

Arizona Association of Environmental
Professionals

Environmental Professionals of Arizona

Institute of Hazardous Materials
Management

Valley Partnership

Mr. Guatney has over 33 years of environmental experience and is experienced in all phases of environmental site assessments (Phase I and II ESAs), comprehensive site characterization, and remediation planning and design. Additionally, he has experience performing and/or managing hazardous materials/industrial hygiene services (asbestos, lead-containing paint, indoor air quality, mold), and regulatory compliance (spill plans, stormwater, air permitting, environmental auditing). He has project experience providing these services on a wide variety of sites for clients including federal and state agencies, local governments, utilities, and private industry. His responsibilities include managing projects and project budgets, managing client and client relationships, overseeing project staff, and assist with or lead report preparation and other project documents. Responsibilities also include various office tasks comprised of data compilation, review and assimilation of historic information and environmental databases, and phone/email contact/coordination with subcontractors/vendors. His responsibilities include coordinating projects, maintaining client relationships, provide ongoing training to staff, provide direction and review of work products, and review and sign reports.

EXPERIENCE

City of Glendale, Site 3 – Portion of Residential Equine Lot, Glendale, Arizona: Project Manager during a Phase I Environmental Site Assessment (ESA) on the northern 1.9-acre portion of the residential equine lot located in Glendale, Arizona. At the time of the reconnaissance, the site was a partially fenced livestock paddock and yard. Our services included physical review of site facilities and practices; assessment of past and present site usage; evaluation of site characteristics; adjacent property evaluation; and preparation of this Phase I ESA report presenting our methodology, findings, opinions, and conclusions regarding the environmental conditions at the site.

Town of Queen Creek, Residential & Commercial Site Assessment, Queen Creek, Arizona: Project Manager during a Phase I Environmental Site Assessment (ESA) on four parcels located in Queen Creek, Arizona. At the time of our reconnaissance, the site is approximately 7 acres and was residential and residential converted to commercial office use properties on the east portion, with horse (equine) usage on the western portions of the site. Our scope of work for this Phase I ESA included physical review of site facilities and practices; assessment of past and present site usage; evaluation of site characteristics; adjacent property evaluation; and preparation of a Phase I ESA report presenting our methodology, findings, opinions, and conclusions regarding the environmental conditions at the site.

Arizona Water Company, Vacant Lot, Phoenix, Arizona: Project Manager during a Phase I Environmental Site Assessment (ESA) on approximately two acres of vacant, graded land located in Phoenix, Arizona. Our services included physical review of site facilities and practices; assessment of past and present site usage; evaluation of site characteristics; adjacent property evaluation; and preparation of a Phase I ESA report.

Arizona Department of Administration, Kingman State Prison and Waste Water Treatment Plant, Golden Valley, Arizona: Project Manager during a Phase I Environmental Site Assessment (ESA) of Kingman Prison and associated Wastewater Treatment Plant located in Golden Valley, Arizona. The site is approximately 227 acres of land developed as a 3,508-bed prison, with 35 permanent structures, and a dedicated drinking water production well and wastewater treatment plant.

Mark J. Guatney

Principal Engineer, Environmental Operations

Maricopa Integrated Health Systems, Neighborhood Healthcare Facility Siting, Metropolitan Phoenix, Arizona: Project Manager during over 25 Phase I ESAs within a 6 month period, in 6 to 8 site assignments, to assist Maricopa Integrated Health Systems new facility siting throughout metropolitan Phoenix. Our services included site reconnaissance, past and present land and site usage, evaluation of site characteristics, adjacent property evaluation, and preparation of Phase I ESA reports documenting findings, and providing opinions and recommendations regarding possible environmental impacts and recommendations for Phase II.

City of Mesa, Southern & Stapley Intersection Improvements, Mesa, Arizona: Project Manager during Phase I ESA, asbestos containing materials (ACM), and lead-based paint (LBP) services for improvements on Stapley Drive and Southern Avenue in Mesa, Arizona. The purpose of our evaluation was to observe existing subsurface conditions along the project alignment and to formulate recommendations relative to the design and construction of the planned improvements. The proposed improvements associated with this project generally included widening of Southern Avenue; widening of Stapley Drive; full-depth pavement reconstruction on Stapley Drive from Horne Street east to Oracle Drive and on Southern Avenue from Stapley Drive south to US 60 approach slabs; mill and overlay on the north bound lane of Southern Avenue, from Stapley Drive north to 8th Avenue; and underground utilities consisting of approximately 8,200 feet of gas line, 5,300 feet of 36-inch to 48-inch storm drain, 1,200 feet of water line, and 350 feet of sewer line. Other planned improvements included the addition of barrier walls, replacement of driveways, curb, gutter, sidewalks, landscaping, and irrigation improvements. Our Phase I ESA services included site reconnaissance; interviews and records review; evaluation of project area characteristics; adjacent property evaluation; and preparation of a Phase I ESA report presenting our methodology, findings, opinions, and conclusions regarding the environmental conditions at the site. Our asbestos survey services included a visual assessment of the project area to identify homogeneous suspect ACMs; collecting bulk samples of suspect ACM; analyzing bulk samples for the presence and quantification of asbestos fibers using Polarized Light Microscopy; and preparation of an ACM report presenting our data and summarization of our conclusions and recommendations. Our LBP survey services included sample analysis conducted using USEPA Test Method 6010B; X-ray Fluorescence (XRF) field testing; evaluating laboratory analytical results; and preparation of a LBP report presenting our data and summarization of our conclusions and recommendations.

Riata Mixed-Use Apartment Development, Chandler, Arizona: Project Manager during environmental services for the Riata Mixed-Use Apartment Development located in Chandler, Arizona. The project included four 4-story buildings totaling 266,540 square feet, seven carriage buildings, clubhouse building, fitness building, amenity pool, carports, detached parking garages, and paved access routes and parking areas. Our environmental services included a Phase I Environmental Site Assessment (ESA) that consisted of physical review of site facilities and practices; assessment of past and present site usage; evaluation of site characteristics; adjacent property evaluation; and preparation of a Phase I ESA report.

Tucson Metro CAP, Pima County and Arizona State Land Department Properties, Marana, Arizona: Project Manager during Phase I Environmental Site Assessments (ESA) in Tucson, Arizona for 6 ASLD parcels and 13 Pima County parcels. Our services included site reconnaissance; interviews and records review; evaluation of site characteristics; adjacent property evaluation; and preparation of 2 Phase I ESA reports documenting our findings, opinions, and recommendations regarding possible environmental impacts at the site.

Grace Baptist Church Facility, Tempe, Arizona: Project Manager during a Limited Phase II Environmental Site Assessment (ESA) of the Grace Baptist Church Facility in Tempe, Arizona. We also conducted a Phase I ESA for the site. The site consisted of approximately 2.25 acres of land developed with a single-story building, two detached storage sheds, asphalt-paved parking area, landscaping, and a gravel-lined area on the western portion of the site. Our scope of services for the Phase II ESA included soil sampling and laboratory analysis; and preparation of a report presenting our methodology, findings, opinions, and conclusions.

Viridian Development, Chandler, Arizona: Project Manager during a Phase I Environmental Site Assessment (ESA) of the 362,913 square feet of vacant, graded land, known as the Chandler Viridian development, located in Chandler, Arizona. Our services included background review; site reconnaissance to document potential hazardous materials handling, storage, and disposal practices; review of publicly-available historical sources; review of federal, state, and local regulatory agency databases; and preparation of a Phase I ESA report presenting our methodology, findings, opinions, and conclusions regarding the environmental conditions at the site.

**Appendix B -
Photographic Documentation**



1 : Photo to the west from the north central portion of the Site access gate.



2 : Photo to the east from the north central portion of the Site. East Bell Road visible at photo left.



3 : Photo to the south from the north central portion of the Site. Surface cover is asphalt millings and/or gravel.



4 : Photo to the southeast from the north central portion of the Site.



5 : Photo to the south from the eastern portion of the Site. WestWorld of Scottsdale event center visible on horizon.



6 : Photo to the west from the central portion of the Site. Adjoining Salida Del Sol Condominiums visible in the distance.



7 : Natural landscaped area near northwest corner of Site, with adjoining condos visible at photo right.



8 : Photo to the north from the southern portion of the Site.



9 : Another view of the western native desert area of the Site looking south.



10 : Near southwest corner of Site, looking east across asphalt millings in parking area.



11 : Near southwest corner of Site looking north at boundary between native vegetation and asphalt millings.



12 : View of southwest corner of site looking northwest toward adjoining condos.



13 : Adjoining condominium complex to the west of Site.



14 : Tom's Thumb Fresh Market, gas station and car wash west of the Site, at the southwest corner of Bell and 94th Street.

**Appendix C -
User Questionnaire**

PROPERTY BACKGROUND INFORMATION QUESTIONNAIRE

Site Address SEC Bell Rd + 94th N&M Project _____

Owner Interview Name: Joe Charles Date: 5/28/20 2019
Owner Interview Title: _____
Owner Interview Address: _____

Requested by: Dylan Funkner, Ninyo & Moore

General Environmental

1) Describe the current uses of the site. How long has the site been used for these purposes?

NA

2) Describe any structures previously present at the site that are no longer present, and their past usage/occupants and date of removal.

NA

3) When were the current structures constructed, if known?

NA

4) What is the historical land use of the site? Describe the past uses, owners, and operators of the site. (Be as detailed as possible and note approximate time periods, if known.)

NA

5) Are there currently, or were there previously any underground storage tanks (USTs) at the site? If so, please describe their capacities and contents.

No

6) Have all USTs been removed from the site? If so, when?

NA

7) Was associated underground piping associated with the USTs removed?

NA

8) Was soil and/or groundwater sampling conducted at the time of UST removal? If so, please describe.

NA

9) Are you aware of any environmental issues associated with the site or of potential soil and/or groundwater contamination?

Yes No

10) Have fill soils been brought to the property?

NA

PROPERTY BACKGROUND INFORMATION QUESTIONNAIRE

Yes No Unknown

11) Has there been storage of hazardous materials or wastes on the property?

Yes No Unknown

12) Have any of the following items been stored on the site in containers greater than 5 gallons?

Paint	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Unknown
Chemicals	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Unknown
Pesticides/Herbicides	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Unknown
Automotive-Related Oils/Fuels	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Unknown

13) Have there been any spills or releases of chemicals, hazardous substances, or wastes on the property?

Yes No Unknown

14) Have any hazardous substances, petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or other waste materials been dumped aboveground, buried, or burned on the site?

Yes No Unknown

15) Is the site hooked up to a municipal sanitary sewer system or is there a septic tank/system?

Sanitary Sewer Septic

16) Are/were there any subsurface wastewater features, such as sumps, clarifiers, discharge systems, at the site?

Yes No Unknown

17) Does the site discharge wastewater, other than domestic wastewater or storm water, into the sewer or onto another property?

Yes No Unknown

18) Other than permission for domestic hookup, have any city, county, or other permits for wastewater discharge been issued to the site?

Yes No Unknown

19) Is there a transformer, capacitor, or other equipment that may contain PCBs on the site?

Yes No Unknown

PROPERTY BACKGROUND INFORMATION QUESTIONNAIRE

20) Other than small quantities of legal pesticides used for landscape maintenance (e.g., Roundup), have pesticides, herbicides, or insecticides been applied on the site?

Yes No Unknown

21) Are/were there any wells on the site (e.g., water supply wells, groundwater monitoring wells, etc.)

Yes No Unknown

22) Are there currently, or were there previously, any pits, ponds, or lagoons on the site?

Yes No Unknown

23) Are there currently, or were there previously, areas on the site with stained soil?

Yes No Unknown

24) To your knowledge, have adjoining properties been used for industrial activities, such the following? (Please note that an adjoining property is a property that is contiguous with, or directly across the street from the site.)

Gasoline Station	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Unknown
Printing Facility	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Unknown
Metal Plating/Manufacturing	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Unknown
Landfill	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Unknown
Auto Repair Facility	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Unknown
Dry Cleaners	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Unknown
Junkyard	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Unknown
Waste or Wastewater Treatment	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Unknown
Storage, Disposal, or Recycling Facility	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Unknown

25) Are there any known issues related to spills/contamination with adjoining or nearby properties?

Yes No Unknown

26) Are you aware of any previously prepared documentation for the site, such as:

- environmental sampling, compliance audit, or assessment reports
- environmental permits
- registrations for aboveground or underground storage tanks
- registrations for underground injections systems
- material safety data sheets (MSDS)
- community right-to-know plans,
- safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans
- geotechnical or hydrogeologic reports
- storm water documents
- risk assessments
- hazardous waste generator notices?

If so, are they available for review?

PROPERTY BACKGROUND INFORMATION QUESTIONNAIRE

27) Are you aware of any environmental cleanup liens or activity and use limitations such as engineering controls, land use or deed restrictions or institutional controls associated with the site that are filed or recorded under federal, tribal, state, or local law?

Yes No

28) Are you aware of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?

Yes No

29) Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

Yes No

Joe Charles
NAME (IN PRINT)

5/28/20
DATE

[Signature]
SIGNATURE

Owner Owner Representative Occupant Other:

***When complete, return questionnaire via email, fax, and/or mail to the following:**

Mr. Dylan Funkner or Mr. Mark Guatney
Ninyo and Moore
3202 East Harbour Drive
Phoenix, Arizona 85034
dfunkner@ninyoandmoore.com
mguatney@ninyoandmoore.com
(602) 243-1600 Office
(602) 243-2699 FAX

Site Description: _____ Site: Bell Rd + 94th (Address, City, State)

PHASE I ESA/AAI REQUIREMENTS

According to the All Appropriate Inquiry (AAI, 40 CFR 312) requirements and ASTM (E 1527-05) guidance on conducting Phase I Environmental Site Assessments; the "user" of the assessment must provide the following information, if available, to the environmental professional in order to qualify for Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001. Please check yes or no and provide any additional information you may have regarding the site. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

(1) Environmental cleanup liens that are filed or recorded against the site (40 CFR 132.25).

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?

Yes No

If yes, please explain:

(2) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Are you aware of any activity use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Yes No

If yes, please explain:

(3) Specialized knowledge or experience of the person/department requesting the Phase I ESA and seeking to qualify for the landowner liability protections (40 CFR 312.28).

As the user of this ESA, do you have any specialized knowledge or experience related to the property or adjoining properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Yes No

If yes, please explain:

(4) Relationship of the purchase price to the fair market value of the property, if it were not contaminated (40 CFR 312.29).

Does the purchase price offered for this property reasonably reflect the fair market value of the property? If there is a difference between the purchase price and the fair market value, have you considered whether the lower purchase price is because contamination is known or believed to be at the property?

Please discuss:

NA

(5) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

- (a) Do you know the past uses of the property?
- (b) Do you know of specific chemicals that are present or once were present at the property?
- (c) Do you know of spills or other chemical releases that have taken place at the property?
- (d) Do you know of any environmental cleanups that have taken place or are ongoing at the property?

Yes No

If yes, please explain:

(6) The degree of obviousness of the presence or likely presence of contamination at the property and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

Yes No

If yes, please explain:

Joe Charles
Print Name

[Signature]
Signature

5/28/20
Date

**Appendix D -
Historical Information**

10.3-Acres of Undeveloped Land
SEC of East Bell Road and North 94th Street
Scottsdale, AZ 85260

Inquiry Number: 6065142.4

May 15, 2020

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

05/15/20

Site Name:

10.3-Acres of Undeveloped Land
SEC of East Bell Road and North
Scottsdale, AZ 85260
EDR Inquiry # 6065142.4

Client Name:

Ninyo & Moore
3202 E. Harbour Drive
Phoenix, AZ 85034
Contact: Dylan Funkner



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Ninyo & Moore 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:

P.O.#	NA	Latitude:	33.639091 33° 38' 21" North
Project:	605816002	Longitude:	-111.875166 -111° 52' 31" West
		UTM Zone:	Zone 12 North
		UTM X Meters:	418838.90
		UTM Y Meters:	3722483.66
		Elevation:	1561.86' above sea level

Maps Provided:

2014
2006
1982
1964, 1965
1939
1930
1906
1904

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.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Topo Sheet Key

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

2014 Source Sheets



McDowell Peak
2014
7.5-minute, 24000



Sawik Mountain
2014
7.5-minute, 24000



Currys Corner
2014
7.5-minute, 24000



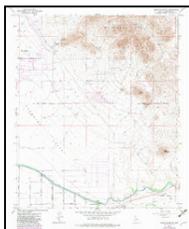
Paradise Valley
2014
7.5-minute, 24000

2006 Source Sheets

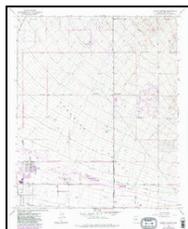


McDowell Peak
2006
7.5-minute, 24000
Aerial Photo Revised 2003

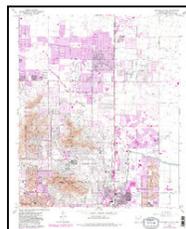
1982 Source Sheets



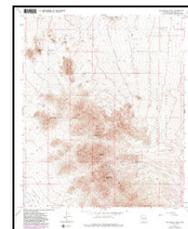
Sawik Mountain
1982
7.5-minute, 24000
Aerial Photo Revised 1978



Currys Corner
1982
7.5-minute, 24000
Aerial Photo Revised 1978

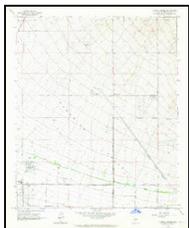


Paradise Valley
1982
7.5-minute, 24000
Aerial Photo Revised 1978

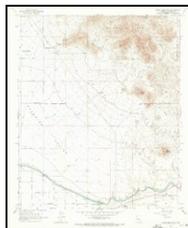


McDowell Peak
1982
7.5-minute, 24000
Aerial Photo Revised 1978

1964, 1965 Source Sheets



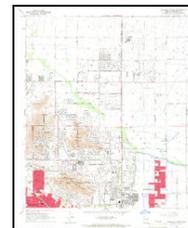
Currys Corner
1964
7.5-minute, 24000
Aerial Photo Revised 1962



Sawik Mountain
1964
7.5-minute, 24000
Aerial Photo Revised 1962



McDowell Peak
1965
7.5-minute, 24000
Aerial Photo Revised 1962



Paradise Valley
1965
7.5-minute, 24000
Aerial Photo Revised 1962

Topo Sheet Key

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

1939 Source Sheets



Cave Creek
1939
30-minute, 125000

1930 Source Sheets



Cave Creek
1930
30-minute, 125000

1906 Source Sheets



Camelsback
1906
15-minute, 62500

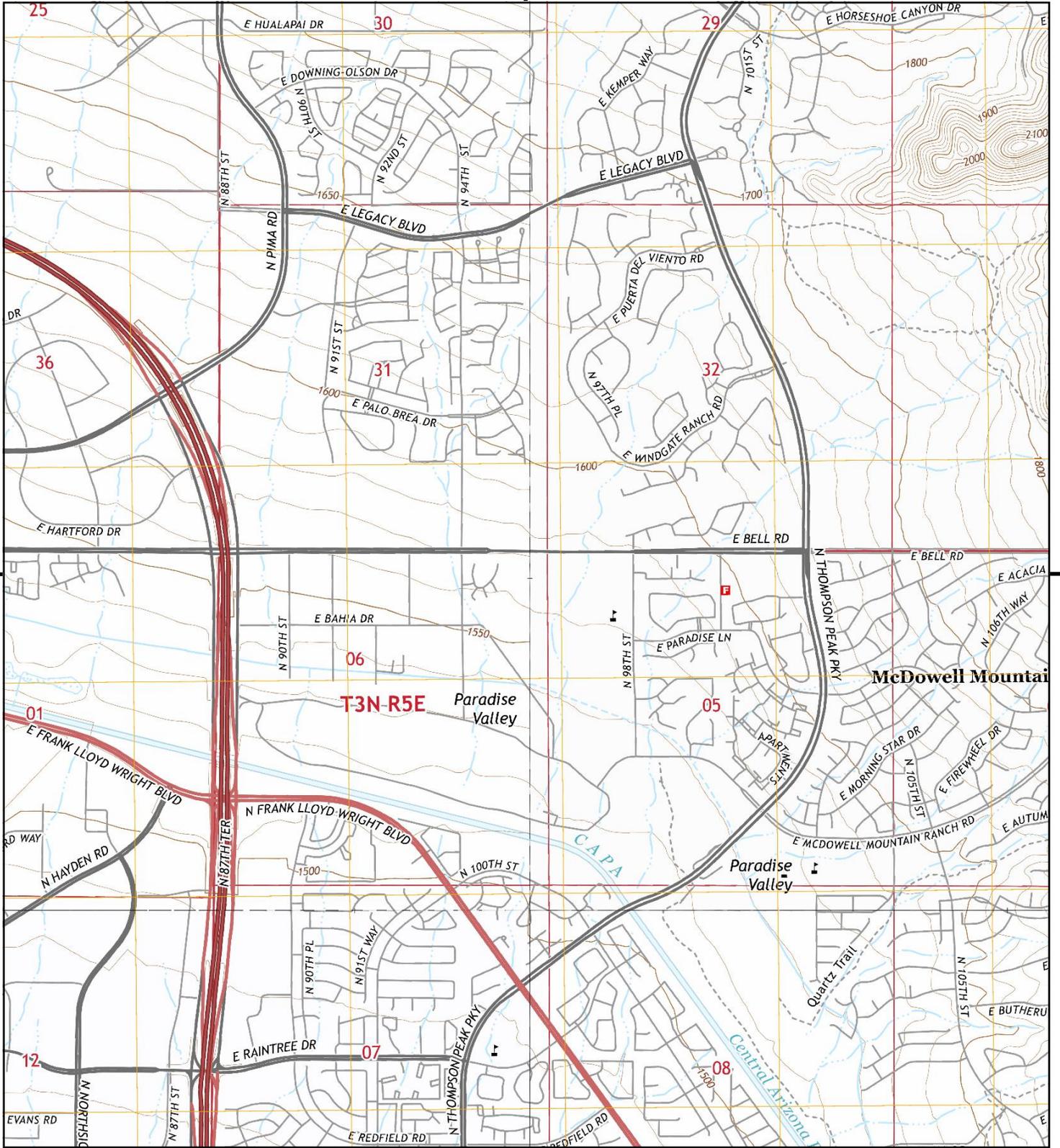


Camelback
1906
15-minute, 62500

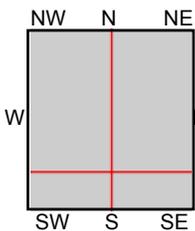
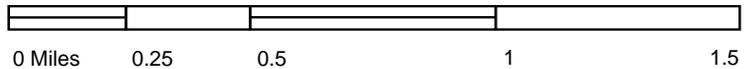
1904 Source Sheets



Camelback
1904
15-minute, 62500



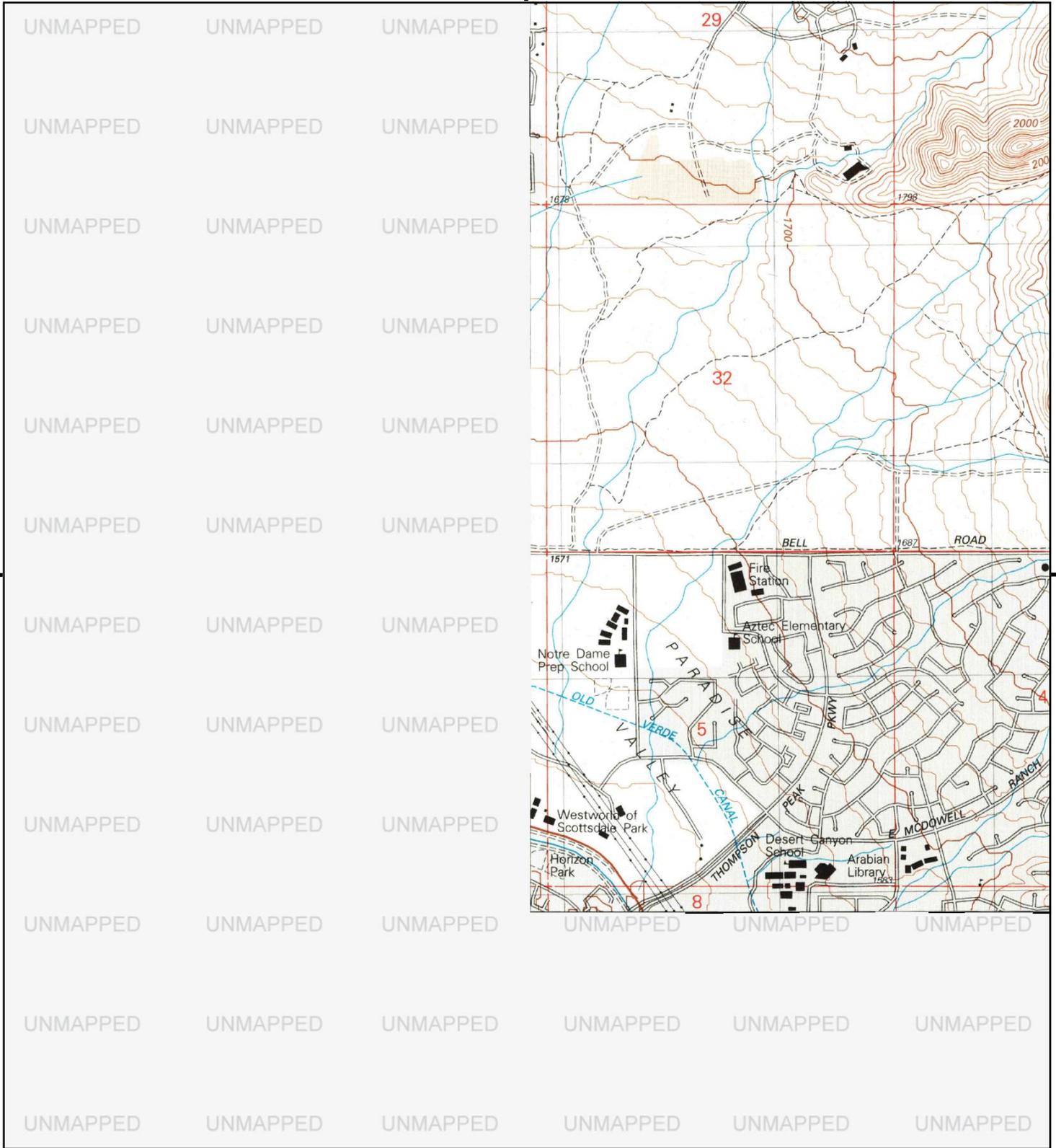
This report includes information from the following map sheet(s).



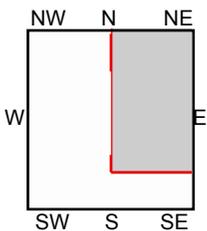
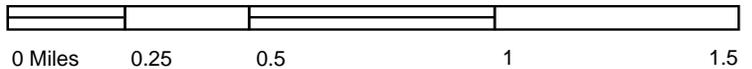
TP, Currys Corner, 2014, 7.5-minute
 NE, McDowell Peak, 2014, 7.5-minute
 SE, Sawik Mountain, 2014, 7.5-minute
 SW, Paradise Valley, 2014, 7.5-minute

SITE NAME: 10.3-Acres of Undeveloped Land
ADDRESS: SEC of East Bell Road and North 94th St
 Scottsdale, AZ 85260
CLIENT: Ninyo & Moore





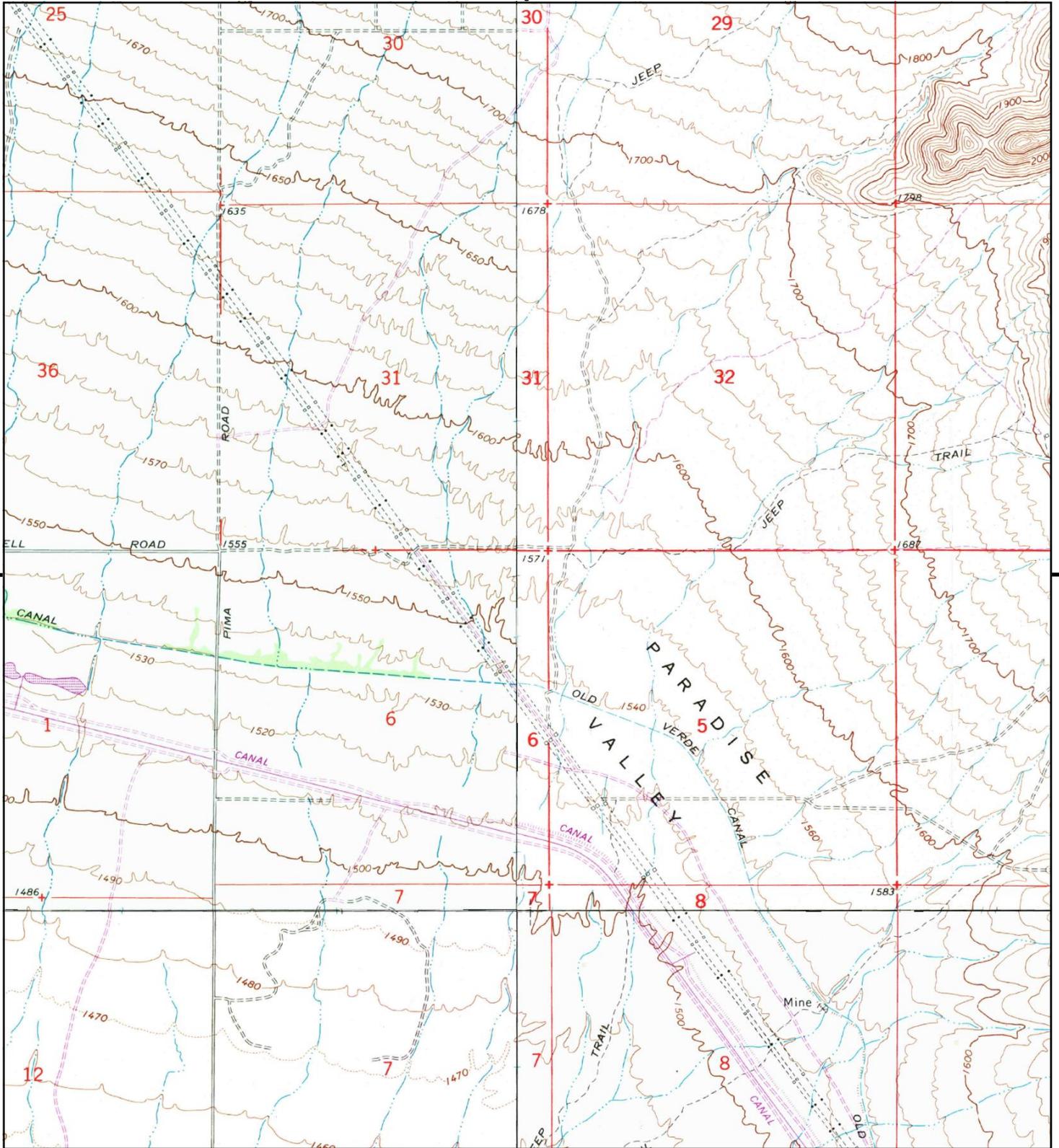
This report includes information from the following map sheet(s).



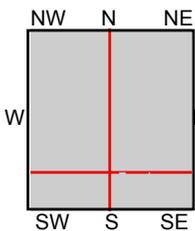
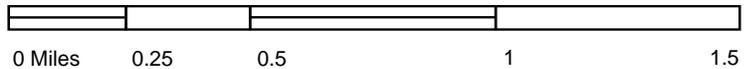
NE, McDowell Peak, 2006, 7.5-minute

SITE NAME: 10.3-Acres of Undeveloped Land
ADDRESS: SEC of East Bell Road and North 94th St
 Scottsdale, AZ 85260
CLIENT: Ninyo & Moore





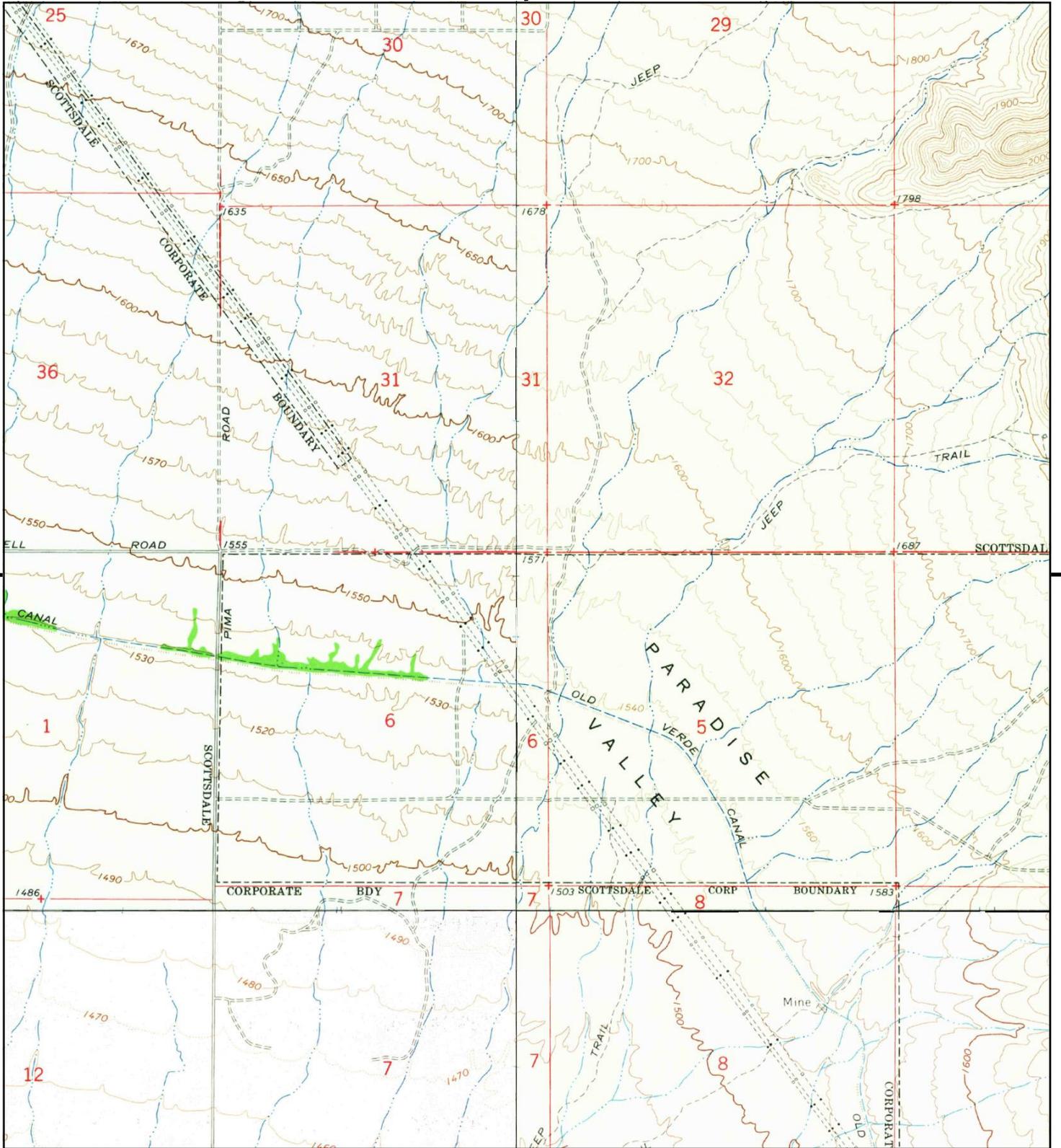
This report includes information from the following map sheet(s).



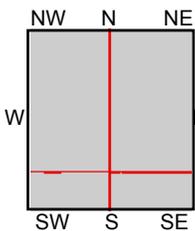
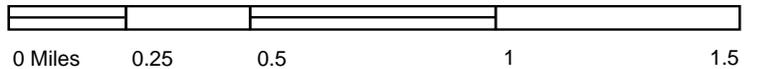
TP, Currys Corner, 1982, 7.5-minute
 NE, McDowell Peak, 1982, 7.5-minute
 SE, Sawik Mountain, 1982, 7.5-minute
 SW, Paradise Valley, 1982, 7.5-minute

SITE NAME: 10.3-Acres of Undeveloped Land
ADDRESS: SEC of East Bell Road and North 94th St
 Scottsdale, AZ 85260
CLIENT: Ninyo & Moore





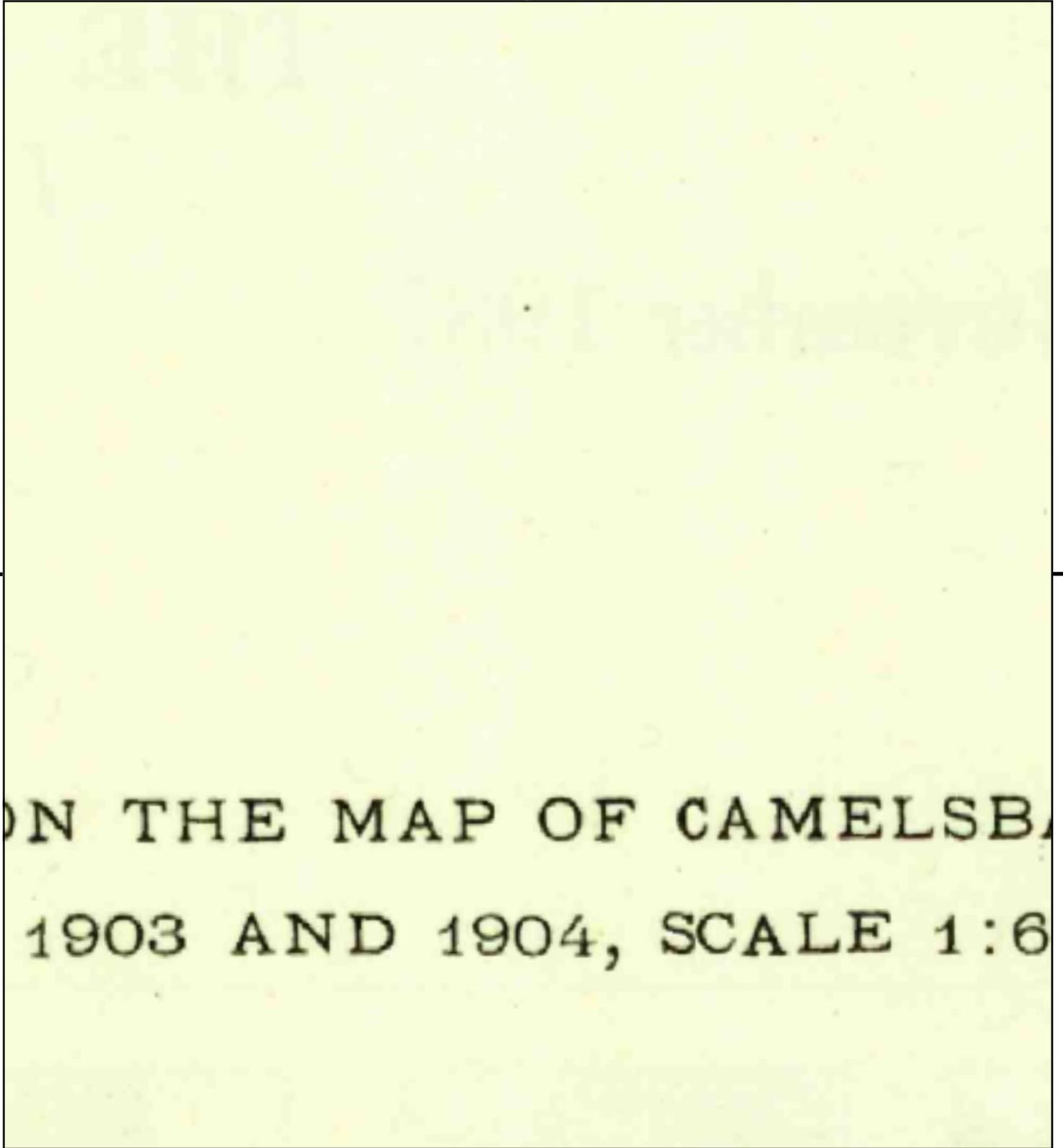
This report includes information from the following map sheet(s).



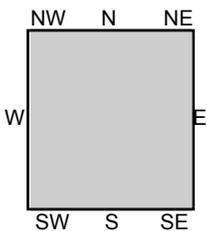
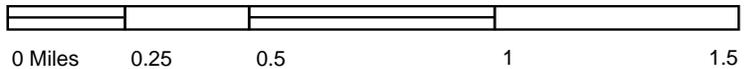
TP, Currys Corner, 1964, 7.5-minute
 NE, McDowell Peak, 1965, 7.5-minute
 SE, Sawik Mountain, 1964, 7.5-minute
 SW, Paradise Valley, 1965, 7.5-minute

SITE NAME: 10.3-Acres of Undeveloped Land
ADDRESS: SEC of East Bell Road and North 94th St
 Scottsdale, AZ 85260
CLIENT: Ninyo & Moore





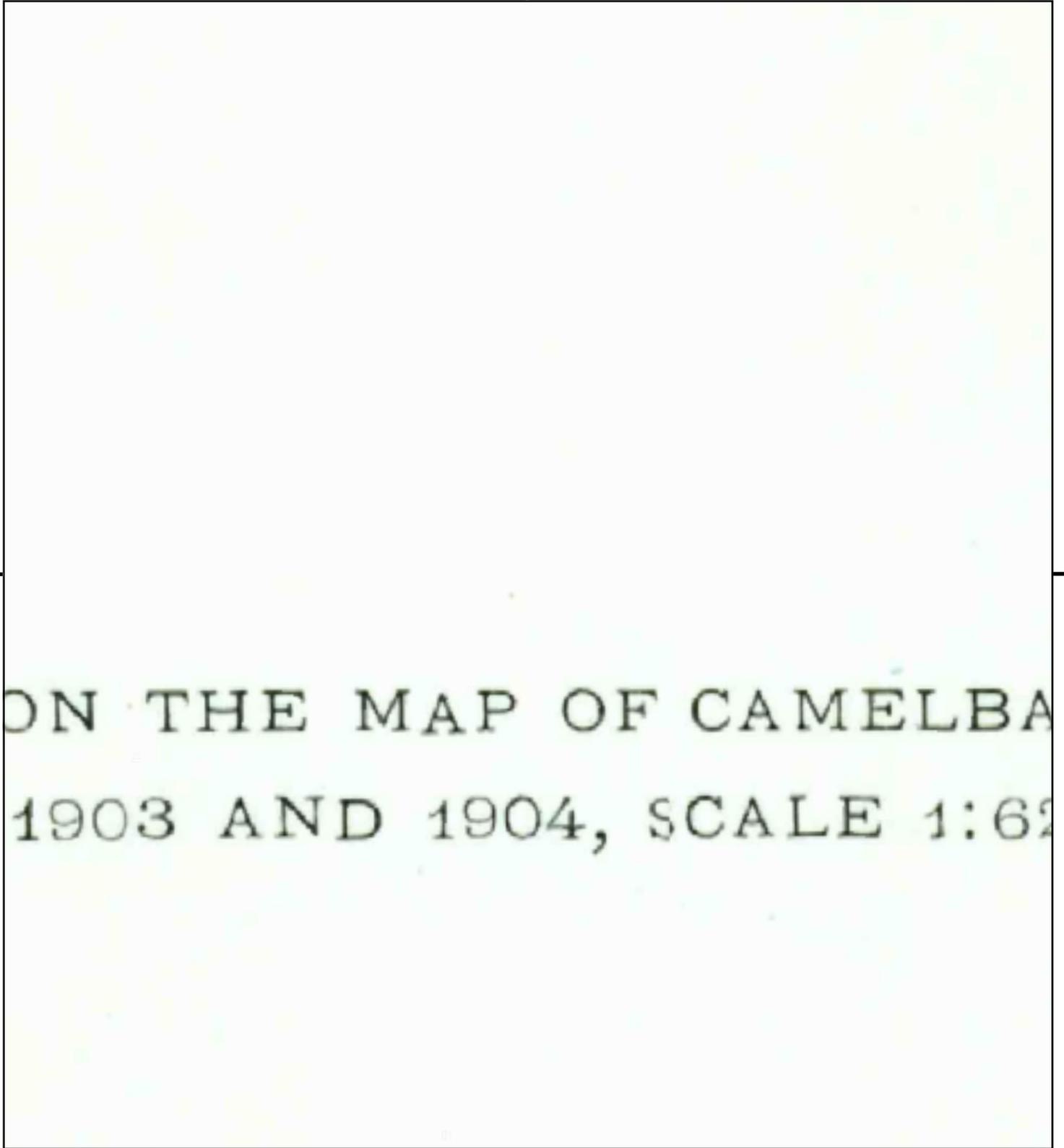
This report includes information from the following map sheet(s).



TP, Cave Creek, 1939, 30-minute

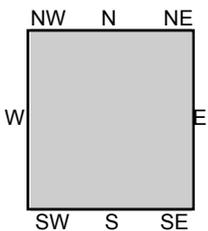
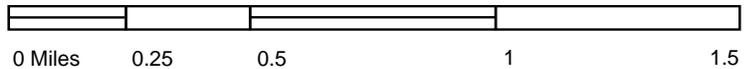
SITE NAME: 10.3-Acres of Undeveloped Land
ADDRESS: SEC of East Bell Road and North 94th St
Scottsdale, AZ 85260
CLIENT: Ninyo & Moore





ON THE MAP OF CAMELBA
1903 AND 1904, SCALE 1:62

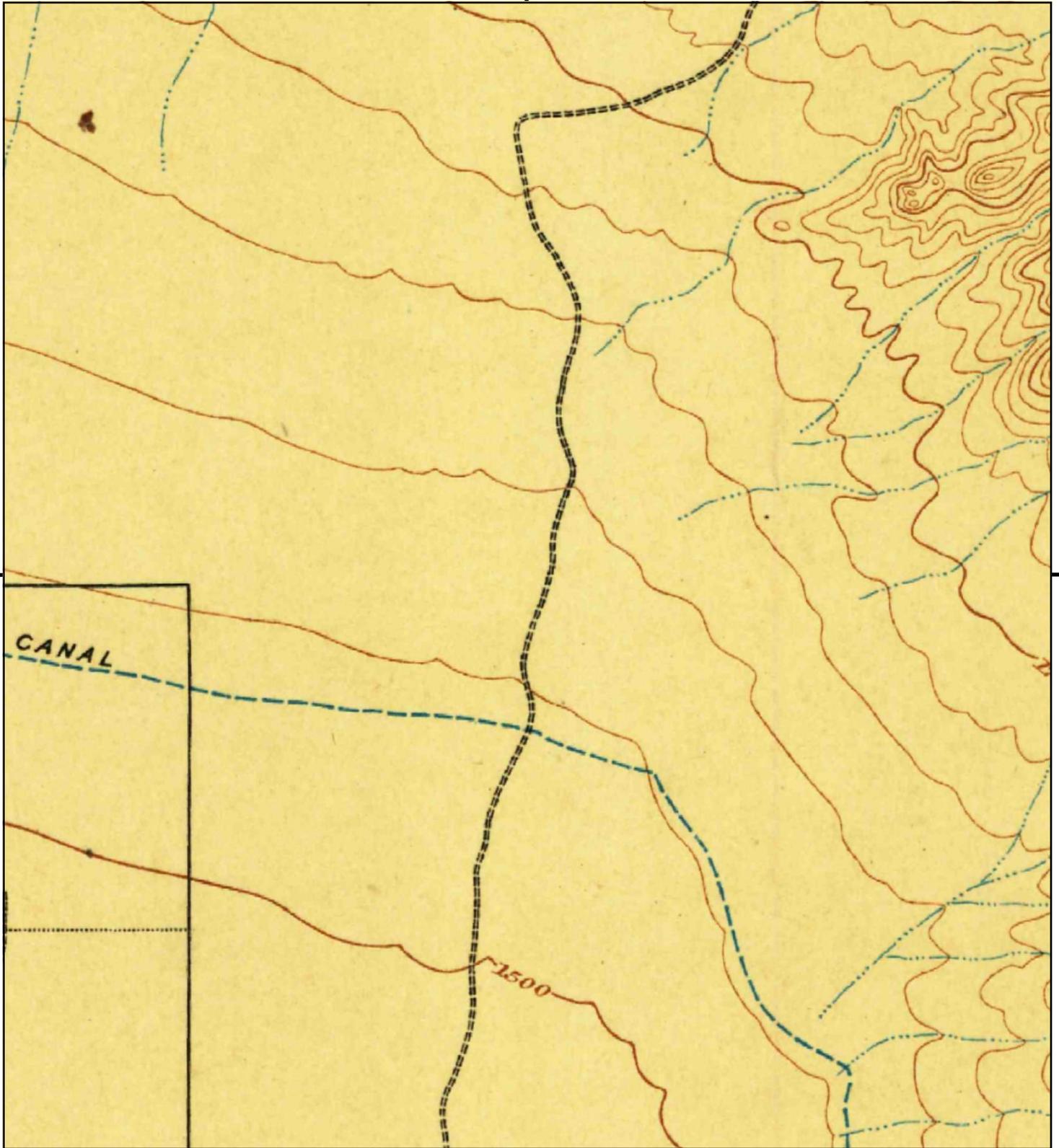
This report includes information from the following map sheet(s).



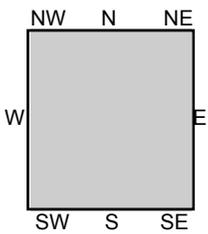
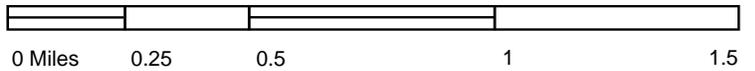
TP, Cave Creek, 1930, 30-minute

SITE NAME: 10.3-Acres of Undeveloped Land
ADDRESS: SEC of East Bell Road and North 94th St
Scottsdale, AZ 85260
CLIENT: Ninyo & Moore





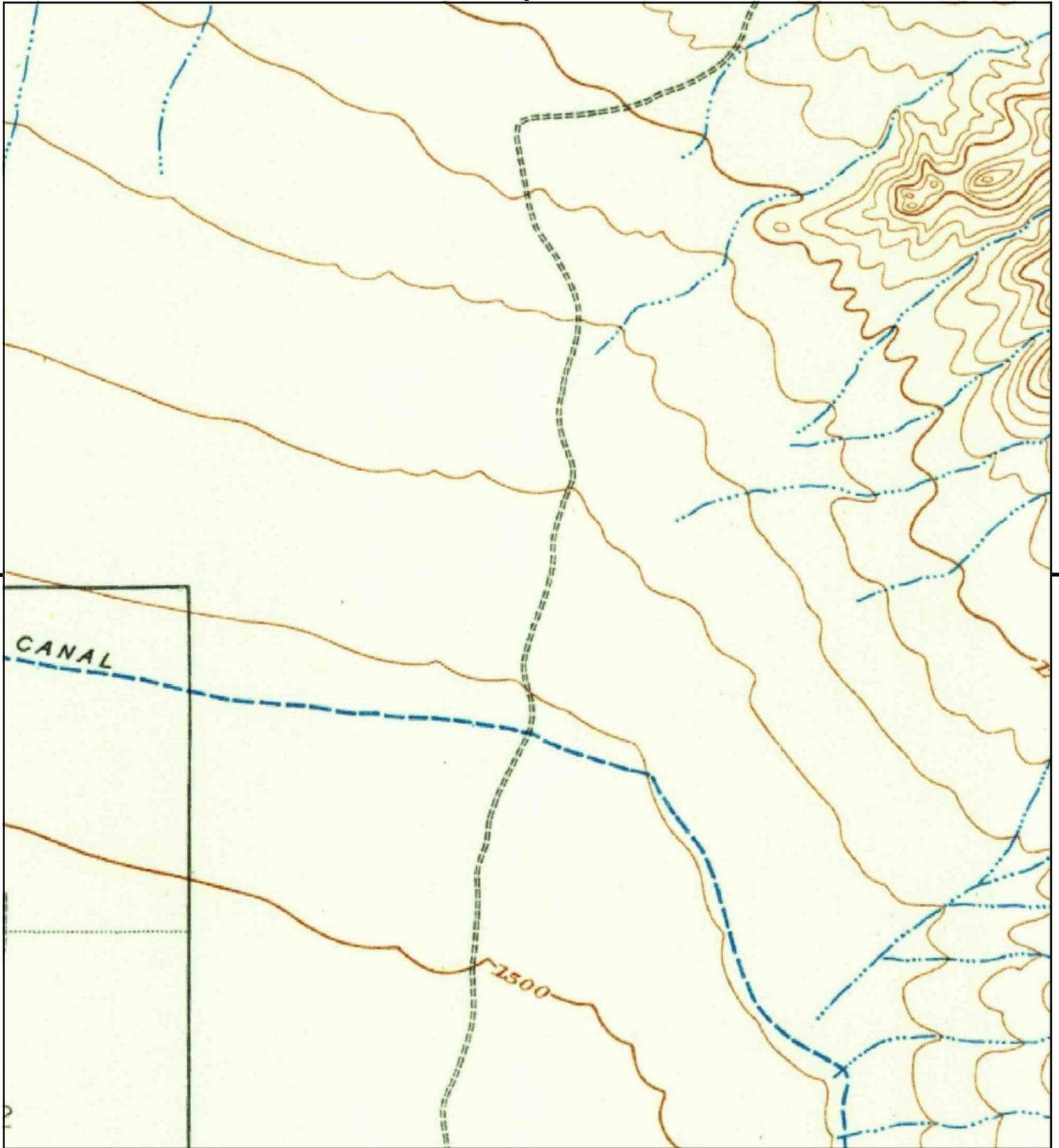
This report includes information from the following map sheet(s).



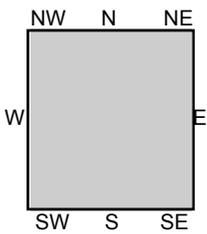
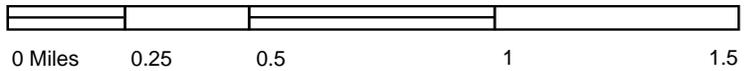
TP, Camelsback, 1906, 15-minute
TP, Camelback, 1906, 15-minute

SITE NAME: 10.3-Acres of Undeveloped Land
ADDRESS: SEC of East Bell Road and North 94th St
Scottsdale, AZ 85260
CLIENT: Ninyo & Moore





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



TP, Camelback, 1904, 15-minute

SITE NAME: 10.3-Acres of Undeveloped Land
ADDRESS: SEC of East Bell Road and North 94th St
Scottsdale, AZ 85260
CLIENT: Ninyo & Moore





10.3-Acres of Undeveloped Land

SEC of East Bell Road and North 94th Street

Scottsdale, AZ 85260

Inquiry Number: 6065142.8

May 15, 2020

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

05/15/20

Site Name:

10.3-Acres of Undeveloped Lar
SEC of East Bell Road and Noi
Scottsdale, AZ 85260
EDR Inquiry # 6065142.8

Client Name:

Ninyo & Moore
3202 E. Harbour Drive
Phoenix, AZ 85034
Contact: Dylan Funkner



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>
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2007	1"=500'	Flight Year: 2007	USDA/NAIP
1997	1"=500'	Acquisition Date: April 30, 1997	USGS/DOQQ
1986	1"=500'	Flight Date: December 30, 1986	EDR Proprietary Landiscor
1980	1"=500'	Flight Date: June 02, 1980	USDA
1979	1"=500'	Flight Date: May 13, 1979	USDA
1976	1"=500'	Flight Date: December 28, 1976	EDR Proprietary Landiscor
1964	1"=500'	Flight Date: January 24, 1964	USDA
1962	1"=500'	Flight Date: September 18, 1962	USGS
1957	1"=500'	Flight Date: December 30, 1957	USDA

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.

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.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.



INQUIRY #: 6065142.8

YEAR: 2017

— = 500'





INQUIRY #: 6065142.8

YEAR: 2013

— = 500'





INQUIRY #: 6065142.8

YEAR: 2010

— = 500'





INQUIRY #: 6065142.8

YEAR: 2007

— = 500'



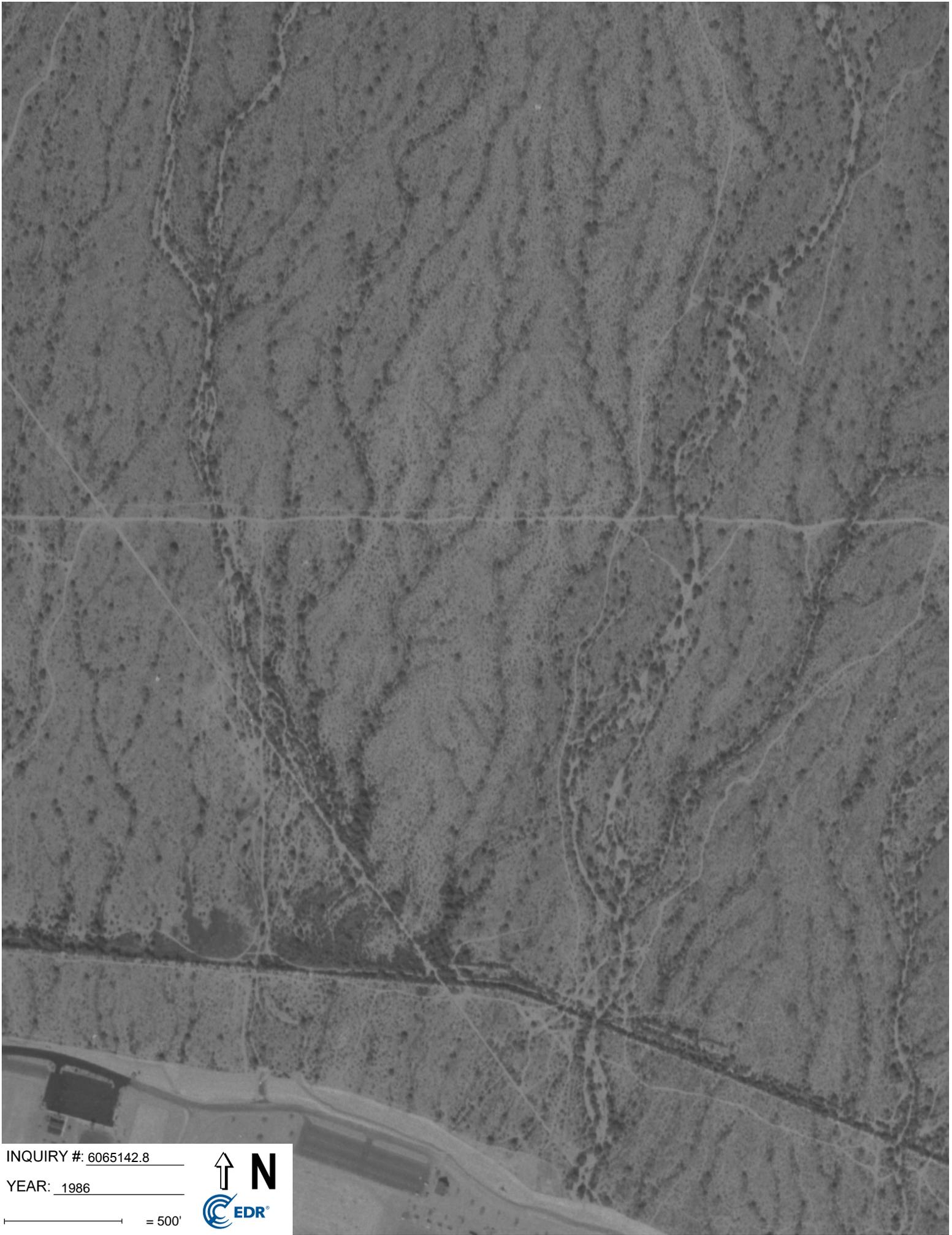


INQUIRY #: 6065142.8

YEAR: 1997

— = 500'





INQUIRY #: 6065142.8

YEAR: 1986

— = 500'



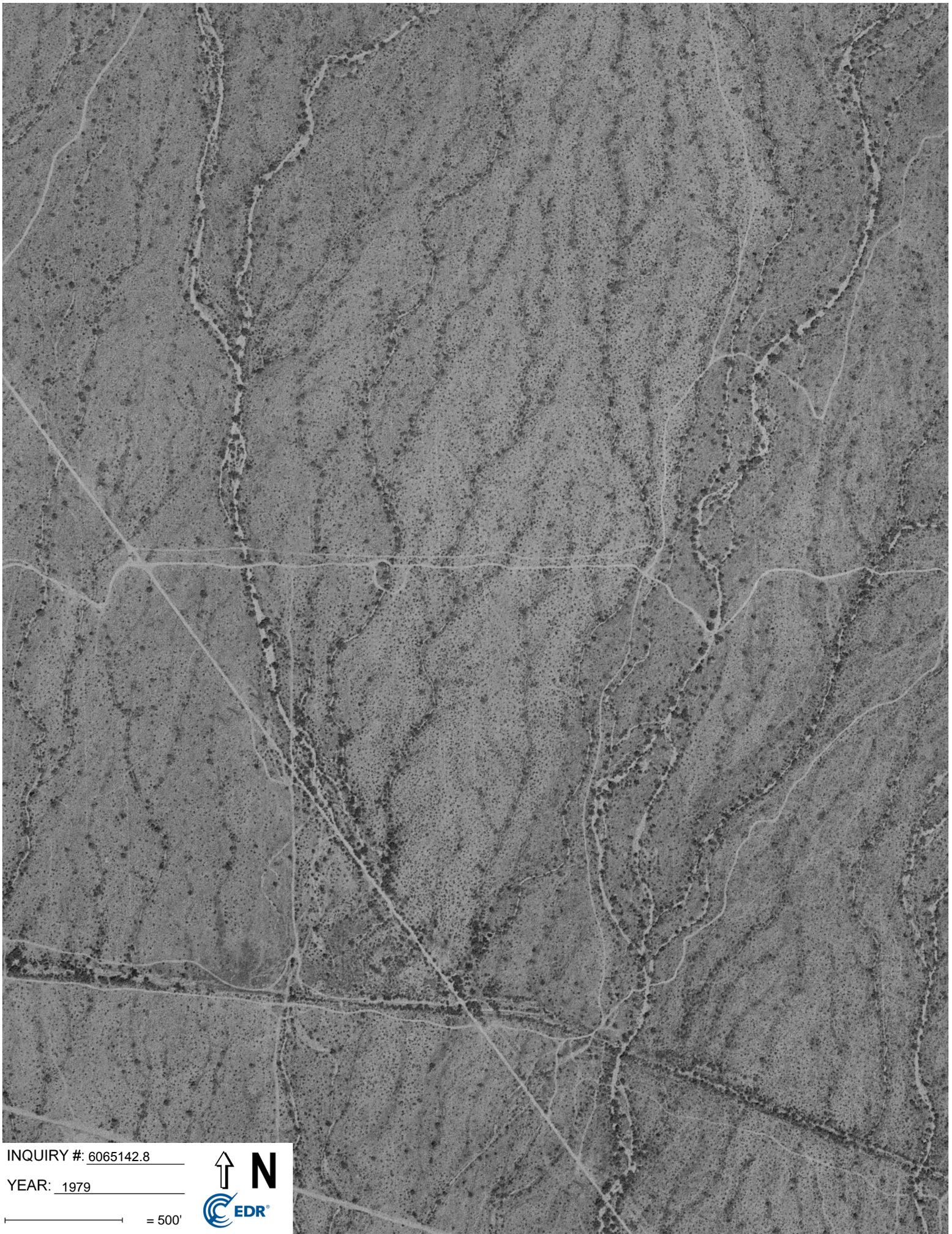


INQUIRY #: 6065142.8

YEAR: 1980

— = 500'



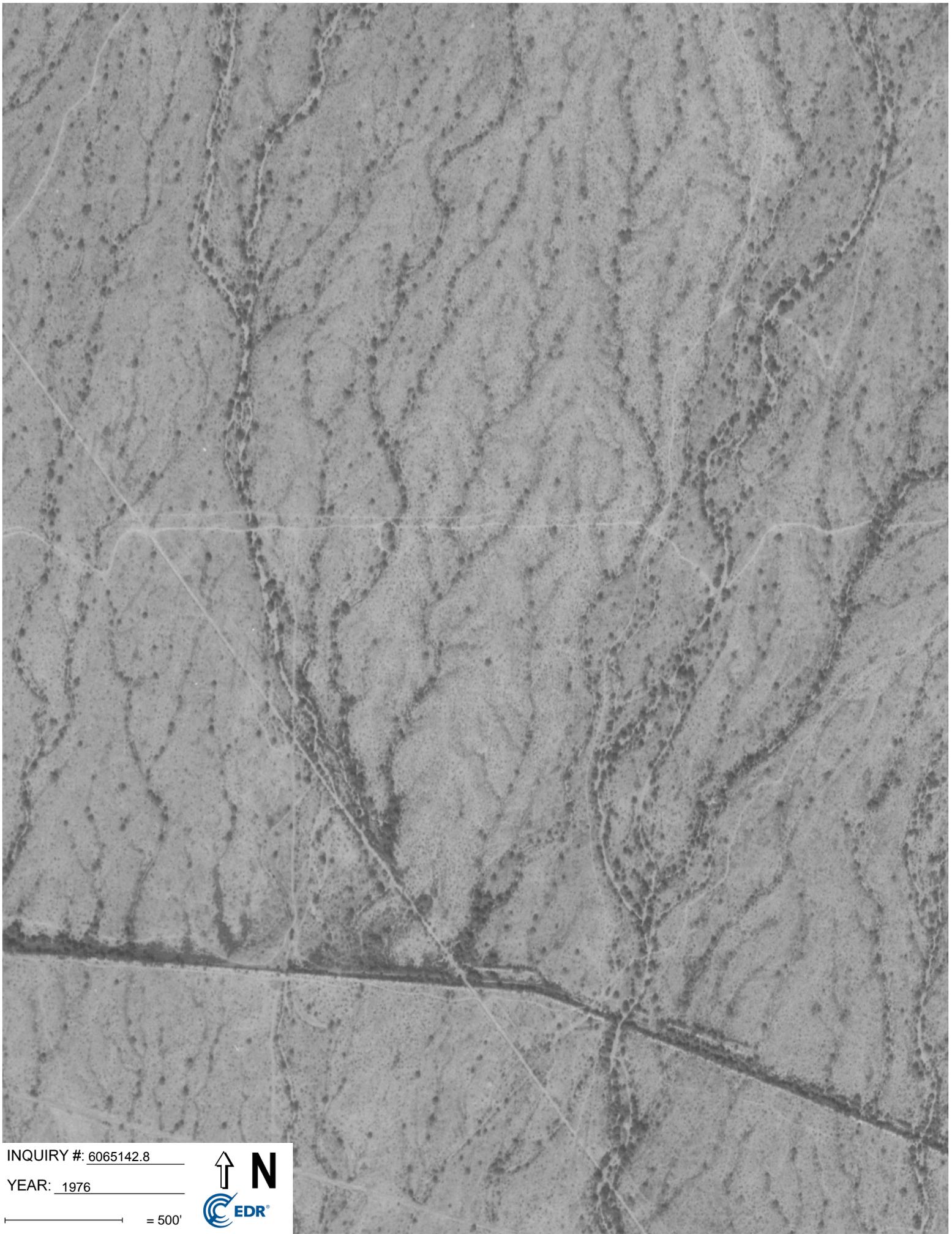


INQUIRY #: 6065142.8

YEAR: 1979

— = 500'



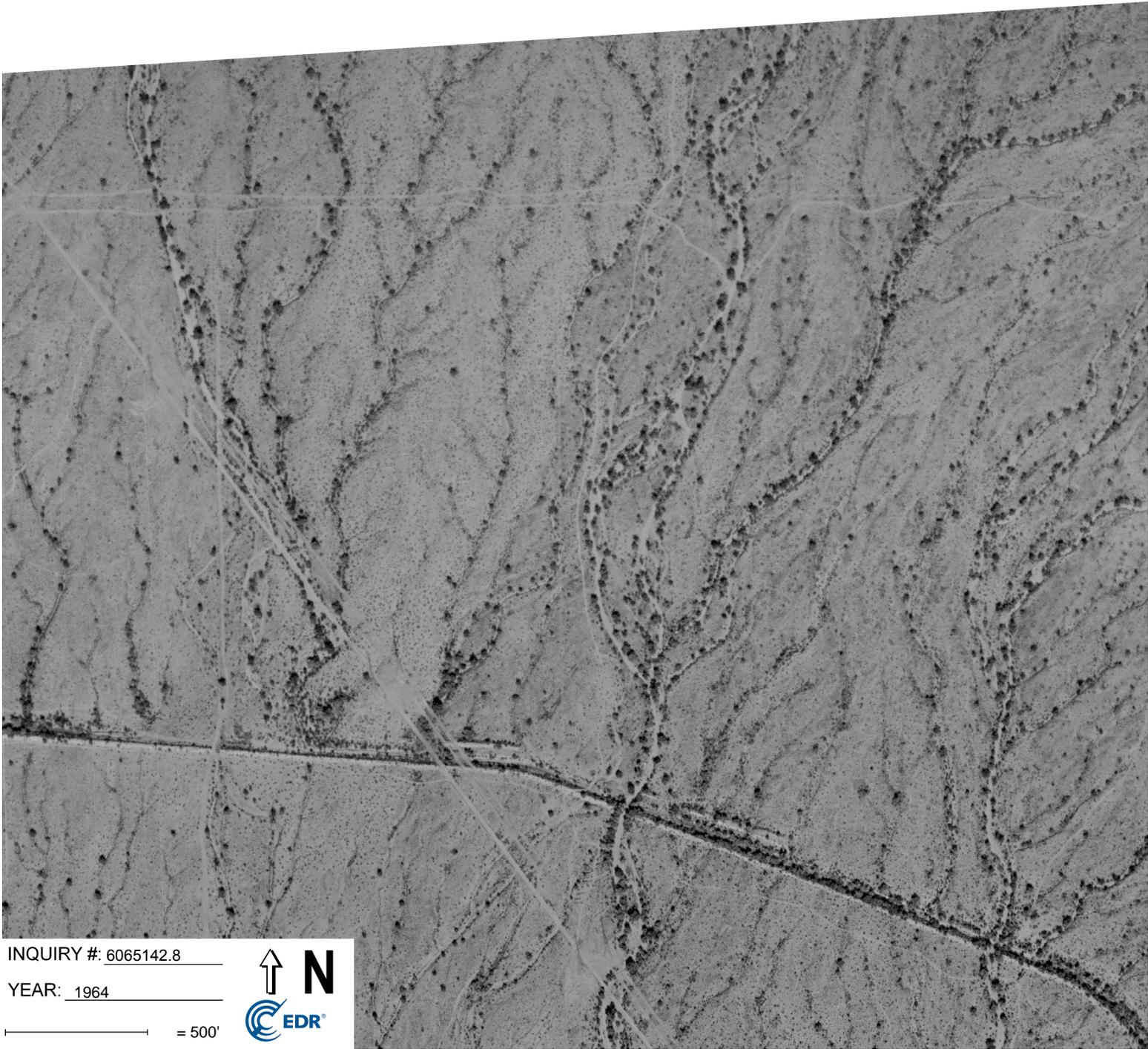


INQUIRY #: 6065142.8

YEAR: 1976

— = 500'





INQUIRY #: 6065142.8

YEAR: 1964

— = 500'



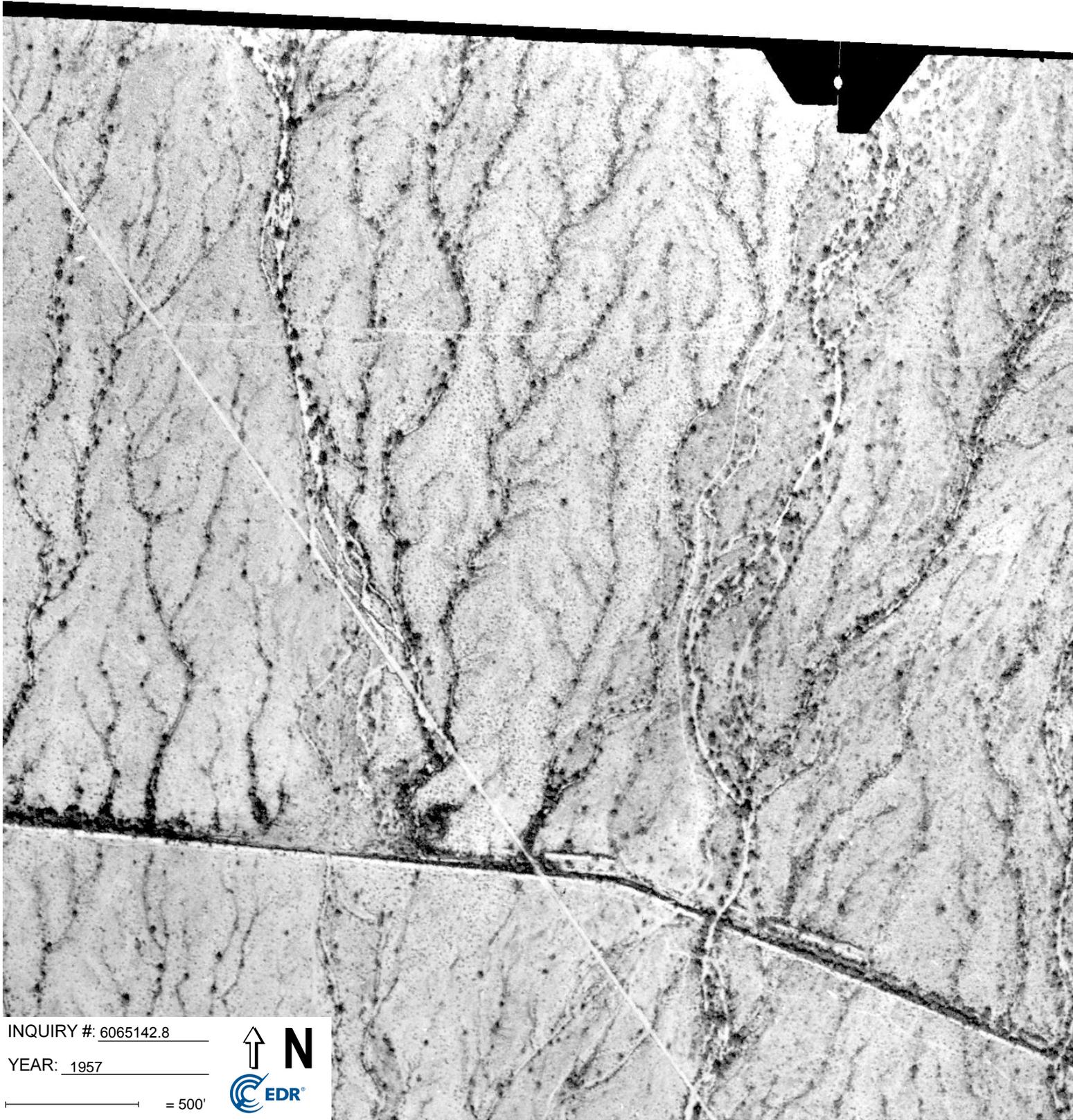


INQUIRY #: 6065142.8

YEAR: 1962

— = 500'





INQUIRY #: 6065142.8

YEAR: 1957

_____ = 500'



10.3-Acres of Undeveloped Land

SEC of East Bell Road and North 94th Street
Scottsdale, AZ 85260

Inquiry Number: 6065142.5
May 15, 2020

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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 OR 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.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2017. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 1320 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

Data by

infoUSA[®]

Copyright © 2008
All Rights Reserved

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2017	Cole Information Services	-	X	X	-
2014	Cole Information Services	-	X	X	-
2009	Cole Information Services	-	X	X	-
2006	Hill-Donnelly Information Services	-	X	X	-
2004	Cole Information Services	-	X	X	-
2001	Hill-Donnelly Information Services	-	X	X	-
1999	Cole Information Services	-	X	X	-
1994	Cole Information Services	-	-	-	-
1993	U S West Direct	-	-	-	-
1987	Mountain Bell A U S West Co.	-	-	-	-
1985	US WEST DIRECT	-	-	-	-
1982	R. L. Polk Co.	-	-	-	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1979	R. L. Polk & Co.	-	-	-	-
1977	R. L. Polk & Co.	-	-	-	-
1970	The Mountain States Telephone and Telegraph Co.	-	-	-	-
1968	R. L. Polk & Co.	-	-	-	-
1965	R. L. Polk & Co.	-	-	-	-
1964	R. L. Polk & Co.	-	-	-	-
1960	Mullin-Kille Co.	-	-	-	-
1955	Mullin-Kille Co.	-	-	-	-
1952	Mullin - Kille Company and Baldwin ConSurvey	-	-	-	-
1950	The Baldwin and Mullin-Kille Co.	-	-	-	-
1947	Southside Directory Company	-	-	-	-
1945	Phoenix Directory Co	-	-	-	-
1940	Arizona Directory Co.	-	-	-	-
1935	Arizona Directory Co.	-	-	-	-
1930	Arizona Directory Co	-	-	-	-
1925	Arizona Directory	-	-	-	-
1920	Arizona Directory	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

SEC of East Bell Road and North 94th Street
Scottsdale, AZ 85260

FINDINGS DETAIL

Target Property research detail.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

E BAHIA DR

9376 E BAHIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	GRAYHAWK INSURANCE SERVICES	Cole Information Services
	ACTIVE BODYWORX	Cole Information Services
	CYCLOGIC	Cole Information Services
	ENDURANCE REHABILITATION	Cole Information Services
	VACTRAX	Cole Information Services
2014	GRAYHAWK INSURANCE SERVICES	Cole Information Services
	FAIRWAY INDEPENDENT MORTGAGE CORPORA	Cole Information Services
	ACTIVE BODYWORX	Cole Information Services
	VACTRAX	Cole Information Services
	CYCLOGIC	Cole Information Services
2009	ENDURANCE REHABILITATION	Cole Information Services
	ESOLES	Cole Information Services
	IMMERSION EDUTAINMENT AMERICA INC	Cole Information Services
	HSL FINANCIAL GROUP LLC	Cole Information Services
	LAW OFFICE KENNETH C MILLER PC	Cole Information Services
ENDURANCE REHABILITATION	Cole Information Services	
ARIZONA MOBILE TIRE & WHEEL	Cole Information Services	

9378 E BAHIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PUMP IT UP	Cole Information Services

9380 E BAHIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	RR TRANS AZ	Cole Information Services
	SOLU TECHNOLOGIES PARTNERS	Cole Information Services
	94 ST MCDOWELL MTN	Cole Information Services
	PEOPLE UNLIMITED INC	Cole Information Services
	KETELAAR ACCOUNTING	Cole Information Services
	AQUA SAFE SWIM SCHOOL	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	GREENWAY ENGLISH SADDLERY	Cole Information Services
	IDEASOLV LLC	Cole Information Services
2014	AQUASAFE SWIM SCHOOL	Cole Information Services
	SOLU TECHNOLOGIES PARTNERS	Cole Information Services
	PEOPLE UNLIMITED INC	Cole Information Services
	GREENWAY SADDLERY INC	Cole Information Services
	IDEASOLV LLC	Cole Information Services
2009	RILEY RACING INC	Cole Information Services
	REHAB MASTERS INC	Cole Information Services
	PRACTICE MAX	Cole Information Services
	GREENWAY SADDLERY INC	Cole Information Services
	PEOPLE UNLIMITED INC	Cole Information Services
	BAYWOOD INTERNATIONAL INC	Cole Information Services
	GROUPMSO LLC	Cole Information Services
	AQUASAFE SWIM SCHOOL	Cole Information Services

9382 E BAHIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	PRACTICE MAX	Cole Information Services
	MOSSMAN POOLS	Cole Information Services
2014	MOSSMAN POOLS	Cole Information Services
2009	MOSSMAN BROTHERS POOLS	Cole Information Services
	DESERT VALLEY CHURCH OF SCOTTSDALE	Cole Information Services
	VALLEY DESERT	Cole Information Services
1999	VALLEY DESERT	Cole Information Services

9383 E BAHIA DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	AKRIMAX	Cole Information Services
	MIRACLE TRANSPORTATION	Cole Information Services
	AMAZING LASH STUDIO FRANCHISE	Cole Information Services
	INFINITY SOFTWARE SOLUTIONS INC	Cole Information Services
	MARCO COMMERCIAL REAL ESTATE	Cole Information Services
	SOMMER CUSTOM HOMES	Cole Information Services
	REDLINE ATHLETICS FRANCHISING LLC	Cole Information Services
2014	MIRACLE TRANSPORTATION	Cole Information Services
	LIFESTYLE HOMES	Cole Information Services
	BSM CONSULTING	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	MARCO COMMERCIAL REAL ESTATE	Cole Information Services
	FIRESTORM 24 7	Cole Information Services
	MARCOR COMMERCIAL REAL ESTATE	Cole Information Services
	TOTAL INVESTMENT MANAGEMENT INC	Cole Information Services
	C MARCO	Cole Information Services
2009	MARCO COMMERCIAL REAL ESTATE	Cole Information Services

E BELL RD

9393 E BELL RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	TOM THUMB	Cole Information Services
2014	TOMS THUMB FRESH MARKET	Cole Information Services

9701 E BELL RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	NOTRE DAME PREPARATORY	Cole Information Services
2014	NOTRE DAME PREPARATORY	Cole Information Services
2009	NOTRE DAME PREPARATORY	Cole Information Services
2006	Notre Dame Preparatory	Hill-Donnelly Information Services
2004	NOTRE DAME PRPRTRY HIGH SCHL	Cole Information Services
	NOTRE DOME PREPATORY HIGH SCHL	Cole Information Services
2001	FESSERACTSCHOL	Hill-Donnelly Information Services
	TESSERACT GR N SCISDL CAMPUS	Hill-Donnelly Information Services
	TESSERAC T GROUP INC THE	Hill-Donnelly Information Services
	TESSERACT GROIP INC THE	Hill-Donnelly Information Services

N 94TH ST

16648 N 94TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	DBL DISTRIBUTING INC	Cole Information Services
2014	DBL DISTRIBUTING INC	Cole Information Services
2009	D B L DISTRIBUTING LLC	Cole Information Services
2006	Zent Eric v	Hill-Donnelly Information Services
	DBL Distributing Inc	Hill-Donnelly Information Services

FINDINGS

16801 N 94TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	TERRENCE SERGI	Cole Information Services
	RONALD SHOEMAKER	Cole Information Services
	RONALD SMITH	Cole Information Services
	STEPHANIE VALLAND	Cole Information Services
	ANN WHITNEY	Cole Information Services
	JARED BARTON	Cole Information Services
	JOHN BAYS	Cole Information Services
	RANDALLA FARR	Cole Information Services
	ALEXIS HALE	Cole Information Services
	ROBERT HILL	Cole Information Services
	LYNN KOGER	Cole Information Services
	FRANK LEWIS	Cole Information Services
	DIANNE MILLSTEIN	Cole Information Services
	CYNTHIA SPENO	Cole Information Services
	PETER THIESSEN	Cole Information Services
	JOEL ABRAMSON	Cole Information Services
	THOMAS BRYAN	Cole Information Services
	WEN COGGINS	Cole Information Services
	GIANNI COSTA	Cole Information Services
	SHELLEY CURRY	Cole Information Services
	RAMSAY MCKEY	Cole Information Services
	CHARLES VANLEER	Cole Information Services
	OLEG VERGE	Cole Information Services
	SARA WERNER	Cole Information Services
	WAYNE WINKLER	Cole Information Services
	COBYANN BERGLUND	Cole Information Services
	BETHANY BLONDE	Cole Information Services
	RYAN DANIELS	Cole Information Services
	MEG DAVIS	Cole Information Services
	JOREEN GIVENS	Cole Information Services
	BRENT HILL	Cole Information Services
	DAVID SITLER	Cole Information Services
	JERRY WAGGONER	Cole Information Services
	DENNIS WIGREN	Cole Information Services
	RENE APACK	Cole Information Services
	EUGENE BERNSTEIN	Cole Information Services
	JEFF BOSTIC	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2017	JANICE EDMISTON	Cole Information Services
	ROBERT FRIESSEN	Cole Information Services
	KATHY NEAL	Cole Information Services
	LAURIE ROSENDAL	Cole Information Services
	ERIN TAN	Cole Information Services
	RUTH BLAKE	Cole Information Services
	HELIAS CASARES	Cole Information Services
	STEVEN CREASEY	Cole Information Services
	DAVID DUARTE	Cole Information Services
	TIMOTHY GRAY	Cole Information Services
	AMANDA JUSTL	Cole Information Services
	BRIAN MOEHN	Cole Information Services
	KATHLEEN RYAN	Cole Information Services
	DENNIS BATCHIK	Cole Information Services
	JOSEPH BONEY	Cole Information Services
	LANCE PARSONS	Cole Information Services
	ROBERT SHREAR	Cole Information Services
	WILLIAM CARNS	Cole Information Services
	BIANCA GARCIA-KENDALL	Cole Information Services
	BRADFORD HARTWELL	Cole Information Services
	TIM JENNINGS	Cole Information Services
	BEN KAPLLANI	Cole Information Services
	RICHARD KNASE	Cole Information Services
	MELISSA LADENSACK	Cole Information Services
	LAURETTA MEDEARIS	Cole Information Services
	ROBERT YOUNG	Cole Information Services
	GARY RAHM	Cole Information Services
	NANCY SKLAR	Cole Information Services
	STEPHEN TRAVERSE	Cole Information Services
	JACQUELYN WHITNEY	Cole Information Services
	JESSICA BARNES	Cole Information Services
	CONSTANCE BISCHOFF	Cole Information Services
	JASON CHRISTY	Cole Information Services
	JENN CONWAY	Cole Information Services
	SHARON DOSSEY	Cole Information Services
	MARYLANE DUBERT	Cole Information Services
	NEIL FISHENDEN	Cole Information Services
2014	MARKUS HARTL	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	JASPER HIGHSMITH	Cole Information Services
	KATHY NEAL	Cole Information Services
	DONALD OBRIEN	Cole Information Services
	MARIA SOUERS	Cole Information Services
	SPENCER WILKISON	Cole Information Services
	AMY WEINSTEIN	Cole Information Services
	DENNIS BATCHIK	Cole Information Services
	LUANN BEARDMORE	Cole Information Services
	JOSEPH BONEY	Cole Information Services
	TIMOTHY CRAWFORD	Cole Information Services
	MAHA DELLY	Cole Information Services
	MATT KRUSE	Cole Information Services
	THOMAS MENYHART	Cole Information Services
	STEPHEN ORLANDELLA	Cole Information Services
	MARY OBRIEN	Cole Information Services
	PAUL ROSHETKO	Cole Information Services
	PASCAL VOISARD	Cole Information Services
	MASON MINICH	Cole Information Services
	LANCE PARSONS	Cole Information Services
	DAVID PASQUALE	Cole Information Services
	ISANDRA SALINAS	Cole Information Services
	ROBERT SHREAR	Cole Information Services
	WARREN WEINSTOCK	Cole Information Services
	FAROUK AYOUB	Cole Information Services
	JESSICA BARNES	Cole Information Services
	SHELLY BEAVER	Cole Information Services
	COLIN BRENT	Cole Information Services
	JENN CONWAY	Cole Information Services
	JIM FISCHER	Cole Information Services
	RONALD LESTIKOW	Cole Information Services
	NANCY NEFF	Cole Information Services
	LAURETTA MEDEARIS	Cole Information Services
	GARY RAHM	Cole Information Services
	ANDREW SEGEDY	Cole Information Services
	ROBERT YOUNG	Cole Information Services
	JOHN BAYS	Cole Information Services
	MICHAEL CALLAGHAN	Cole Information Services
	JR FARRELL	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	R GRODHAUS	Cole Information Services
	ALEXIS HALE	Cole Information Services
	SYLVIA MACFARLANE	Cole Information Services
	WHITNEY MOORE	Cole Information Services
	JOHN MORAN	Cole Information Services
	LAURIE ROZENDAL	Cole Information Services
	RONALD SHOEMAKER	Cole Information Services
	JOEL ABRAMSON	Cole Information Services
	WEN COGGINS	Cole Information Services
	GIANNI COSTA	Cole Information Services
	SHELLEY CURRY	Cole Information Services
	MARK EISENHUT	Cole Information Services
	LYNN KOGER	Cole Information Services
	FRANK LEWIS	Cole Information Services
	MARGARET OCONNELL	Cole Information Services
	ARBEN RIZVANOLLI	Cole Information Services
	PETER THIESSEN	Cole Information Services
	COBYANN BERGLUND	Cole Information Services
	JULIE BORKEN	Cole Information Services
	ROBERT CLENDENING	Cole Information Services
	RAMSAY MCKEY	Cole Information Services
	WILLIAM MARTIN	Cole Information Services
	JAMEE OLSON	Cole Information Services
	MEL PROFIT	Cole Information Services
	CHARLES VANLEER	Cole Information Services
	OLEG VERGE	Cole Information Services
	CORI SILVERMAN	Cole Information Services
	MATT STEINKAMP	Cole Information Services
	SARA WERNER	Cole Information Services
	EUGENE BERNSTEIN	Cole Information Services
	S CHGARLES	Cole Information Services
	JANICE EDMISTON	Cole Information Services
	BRENT HILL	Cole Information Services
	BARRIE SCHAEF	Cole Information Services
	DAVID SITLER	Cole Information Services
	THOMAS SPEED	Cole Information Services
	DENNIS WIGREN	Cole Information Services
	LAURENCE WINER	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	HELIAS CASARES	Cole Information Services
	DAVID DUARTE	Cole Information Services
	RYAN HOWARD	Cole Information Services
	JAMES KLASKO	Cole Information Services
	SHARON KRUEGER	Cole Information Services
	HARRY AUSTIN	Cole Information Services
	WILLIAM CARNS	Cole Information Services
	CONRAD CACHERO	Cole Information Services
	KEITH GUIDO	Cole Information Services
	MICHAEL GABRIEL	Cole Information Services
	JAMES GRABIEL	Cole Information Services
	ESTEBAN IBARRA	Cole Information Services
	LUKE MANNEY	Cole Information Services
	2009	PATRICK CURRY
CODY CONWAY		Cole Information Services
ANY WEINSTEIN		Cole Information Services
JILL HAYDUSKO		Cole Information Services
JEFF BOSTIC		Cole Information Services
ANGIE WOODS		Cole Information Services
MARTHA WYRICK		Cole Information Services
HEIDI BUETTNER		Cole Information Services
VICTOR ARTYMONOW		Cole Information Services
DAVID DUARTE		Cole Information Services
SHARON KRUEGER		Cole Information Services
MARIA SOUERS		Cole Information Services
DONALD OBRIEN		Cole Information Services
HELIAS CASARES		Cole Information Services
JULIE BOTKIN		Cole Information Services
CHRISTINE FRATANTONIO		Cole Information Services
JEFFREY JOHNSTON		Cole Information Services
DENNIS BATCHIK		Cole Information Services
JOAN RILEY		Cole Information Services
DAVID KAPLAN		Cole Information Services
DAVID SILVER		Cole Information Services
WILLIAM YVON		Cole Information Services
JAN HANSON	Cole Information Services	
ART OF SELF DEFENSE FOR WOMEN	Cole Information Services	
LANCE PARSONS	Cole Information Services	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	DAVID PASQUALE	Cole Information Services
	TOMMY PIDDUCK	Cole Information Services
	JUDY ROZENDAL	Cole Information Services
	ANDREW KRAMER	Cole Information Services
	LYDIA HOUK	Cole Information Services
	KEITH GUIDO	Cole Information Services
	LUKE MANNEY	Cole Information Services
	MARK NOLEN	Cole Information Services
	WARREN WEINSTOCK	Cole Information Services
	MILOT BEJTA	Cole Information Services
	CHAD FINCH	Cole Information Services
	MARK FREDERICKS	Cole Information Services
	MICHAEL JACQUAT	Cole Information Services
	SHELLY BEAVER	Cole Information Services
	HELEN LAUSTEN	Cole Information Services
	DARREL RUBIN	Cole Information Services
	THERESA STEPHENSON	Cole Information Services
	GABE GIORDANO	Cole Information Services
	NANCY SKLAR	Cole Information Services
	JASON CHRISTY	Cole Information Services
	MICHAEL NOVAC	Cole Information Services
	JULIE BURIC	Cole Information Services
	ALEXIS HALE	Cole Information Services
	MARCY HAYS	Cole Information Services
	JOHN CINALLI	Cole Information Services
	REBECCA WHITEHOUSE	Cole Information Services
	DONALD EDMISTON	Cole Information Services
	WARREN WILHELM	Cole Information Services
	PHILIP MARDESICH	Cole Information Services
	FRANK LEWIS	Cole Information Services
	SARAH AMENT	Cole Information Services
	KIMBERLY ROBAN	Cole Information Services
	VERA RYBICKI	Cole Information Services
	LYNN KOGER	Cole Information Services
	NIKKI HORSCH	Cole Information Services
	KENDALL GARCIA	Cole Information Services
	RACHEL CURRY	Cole Information Services
	JAY BORKEN	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	JAY MACKLIN	Cole Information Services
	FILIP MARDESHICH	Cole Information Services
	SARA WIGGERS	Cole Information Services
	MARGARET OCONNELL	Cole Information Services
	THERESA BLEVINS	Cole Information Services
	SARAH BOISSEREE	Cole Information Services
	ZACH BRODT	Cole Information Services
	BETH PICKTHORN	Cole Information Services
	MEG DAVIS	Cole Information Services
	ROBERT CLENDENING	Cole Information Services
	MANDY MEISTER	Cole Information Services
	THEODORE MIRALDI	Cole Information Services
	ADAM BRONNENKANT	Cole Information Services
	DOUG BRUNSKILL	Cole Information Services
	SARA WERNER	Cole Information Services
	COBYANN BERGLUND	Cole Information Services
	OLEG VERGE	Cole Information Services
	CHARLES VANLEER	Cole Information Services
	JAMES JOHNSON	Cole Information Services
	EUGENE BERNSTEIN	Cole Information Services
2006	Multi Unit Address	Hill-Donnelly Information Services
	HAment Sarah A	Hill-Donnelly Information Services
	Art Of Self Defense 15 s	Hill-Donnelly Information Services
	H Ayoub S A VA	Hill-Donnelly Information Services
	H Azagra Esteban A	Hill-Donnelly Information Services
	H Batchik Dennis & Kathleen A	Hill-Donnelly Information Services
	Bayer Juergen A	Hill-Donnelly Information Services
	H Bays KM	Hill-Donnelly Information Services
	HBeardmore B o	Hill-Donnelly Information Services
	H Belask I BA A	Hill-Donnelly Information Services
	H Berglund C R a	Hill-Donnelly Information Services
	H Bernstein Eugene A	Hill-Donnelly Information Services
	H Bostic Jeff VA	Hill-Donnelly Information Services
	HBotkln J M v	Hill-Donnelly Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	H Brodt Zach v	Hill-Donnelly Information Services
	H Brownell RL AA	Hill-Donnelly Information Services
	H Buechner JT A	Hill-Donnelly Information Services
	HBuettner H V	Hill-Donnelly Information Services
	H Buric VA	Hill-Donnelly Information Services
	Butler Patrick & Susan	Hill-Donnelly Information Services
	H Casares H a	Hill-Donnelly Information Services
	H Cinalli John	Hill-Donnelly Information Services
	H Cinelli J A	Hill-Donnelly Information Services
	Clendening Robert	Hill-Donnelly Information Services
	Cramer VS A	Hill-Donnelly Information Services
	H Crowder S 4 S	Hill-Donnelly Information Services
	Curry K AS	Hill-Donnelly Information Services
	H Depasquale David A	Hill-Donnelly Information Services
	H Devorkin J Va	Hill-Donnelly Information Services
	H Dooley N D A	Hill-Donnelly Information Services
	Dossey S L A	Hill-Donnelly Information Services
	Easterday Douglas & Sylvia	Hill-Donnelly Information Services
	Edmiston Don & Janie AA	Hill-Donnelly Information Services
	Elsenhut Mark	Hill-Donnelly Information Services
	H Ekstrom Thomas A	Hill-Donnelly Information Services
	H Feldman A R AA	Hill-Donnelly Information Services
	H Fitzmaurice C L a	Hill-Donnelly Information Services
	H Foote W 4 A	Hill-Donnelly Information Services
	H Fratantonlo C M A	Hill-Donnelly Information Services
	H Fredericks Mark	Hill-Donnelly Information Services
	H Fritsch C Cv&	Hill-Donnelly Information Services
	H Galvin Annette	Hill-Donnelly Information Services
	H Guido Keith v	Hill-Donnelly Information Services
	Continued	Hill-Donnelly Information Services
	H Hale A a	Hill-Donnelly Information Services
	H Hartl Markus & Angelina a	Hill-Donnelly Information Services
	H Hashimoto K a	Hill-Donnelly Information Services
	Hays Marcy	Hill-Donnelly Information Services
	H Hill Brent A	Hill-Donnelly Information Services
	H Houk L A	Hill-Donnelly Information Services
	Irving M	Hill-Donnelly Information Services
	Jacquat Michael	Hill-Donnelly Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Johnson Jamie	Hill-Donnelly Information Services
	H Johnston Samantha v A	Hill-Donnelly Information Services
	H Kaplan Leonard & Elaine a	Hill-Donnelly Information Services
	H Kass M D a	Hill-Donnelly Information Services
	H Kendall B P a 05os	Hill-Donnelly Information Services
	H Koger Lynn a	Hill-Donnelly Information Services
	H Kruger Brian a	Hill-Donnelly Information Services
	Larson V L a	Hill-Donnelly Information Services
	H Leidigh R C a	Hill-Donnelly Information Services
	H Lestlkow R 05os	Hill-Donnelly Information Services
	H Lewis Joyce AA	Hill-Donnelly Information Services
	H Livingston R a	Hill-Donnelly Information Services
	H Long R	Hill-Donnelly Information Services
	H Macfarlane S M Aa	Hill-Donnelly Information Services
	H Macklin Jay A	Hill-Donnelly Information Services
	Mall Dianna	Hill-Donnelly Information Services
	Manney Luke & Amy	Hill-Donnelly Information Services
	H Mardesich Rita & Philip	Hill-Donnelly Information Services
	H Masters A vo 05os	Hill-Donnelly Information Services
	H Meister Mandy vo	Hill-Donnelly Information Services
	H Miller LL A	Hill-Donnelly Information Services
	H Miller Richard & Patricia A 480 563 5484 os	Hill-Donnelly Information Services
	H Nolen Dax Aa 480 419 9762 Os	Hill-Donnelly Information Services
	Nolen Mark	Hill-Donnelly Information Services
	H Novac Michael v A	Hill-Donnelly Information Services
	H Obrien D F A	Hill-Donnelly Information Services
	H Ogaml T	Hill-Donnelly Information Services
	H Osawa Y a	Hill-Donnelly Information Services
	H Parsons L B VA	Hill-Donnelly Information Services
	H Pawlowski M L v	Hill-Donnelly Information Services
	H Pidduck Tommy	Hill-Donnelly Information Services
	H Rice Jim	Hill-Donnelly Information Services
	Riley J D A	Hill-Donnelly Information Services
	H Rizvanolli Ardian	Hill-Donnelly Information Services
	Roban Kimberly v	Hill-Donnelly Information Services
	H Rozendal L K va	Hill-Donnelly Information Services
	Rubin Darrel A	Hill-Donnelly Information Services
	Rybicki John AA	Hill-Donnelly Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	H Scanlon Jennifer VA	Hill-Donnelly Information Services
	H Shrear Robert A 480 538 8344 os	Hill-Donnelly Information Services
	H Silver Harold & Lols AV	Hill-Donnelly Information Services
	H Sittler D a	Hill-Donnelly Information Services
	H Sklar Nancy	Hill-Donnelly Information Services
	H Small E a	Hill-Donnelly Information Services
	H Souers Maria	Hill-Donnelly Information Services
	H Speed T W 05os	Hill-Donnelly Information Services
	Stephenson Theresa	Hill-Donnelly Information Services
	H Strauss N E v O 00oo	Hill-Donnelly Information Services
	Tsay Chamgyeh 480 502 5292 os	Hill-Donnelly Information Services
	H Vanleer K v A	Hill-Donnelly Information Services
	6 Verge Oleg A	Hill-Donnelly Information Services
	Weinstein A	Hill-Donnelly Information Services
	Weinstock Warr en AA	Hill-Donnelly Information Services
	Weisman Herbert	Hill-Donnelly Information Services
	H Werner Sara A	Hill-Donnelly Information Services
	H Wilhelm Judith A	Hill-Donnelly Information Services
	Winer Larry	Hill-Donnelly Information Services
	H Wisda S VA	Hill-Donnelly Information Services
H Woods Angle a	Hill-Donnelly Information Services	
H Wyrick M AA	Hill-Donnelly Information Services	
Zorbas G a	Hill-Donnelly Information Services	
2004	DAVID PASQUALE	Cole Information Services
	TRENT DONEY	Cole Information Services
	NORMAN DOOLEY	Cole Information Services
	LEONARD KAPLAN	Cole Information Services
	KIMBERLY KUHLMAN	Cole Information Services
	JOHN HORNACEK	Cole Information Services
	LYDIA HOUK	Cole Information Services
	ROBERT SPATA	Cole Information Services
	DELAINE SALT	Cole Information Services
	KEITH GUIDO	Cole Information Services
	WARREN WEINSTOCK	Cole Information Services
	MARK FREDERICKS	Cole Information Services
	J APPLEGREEN	Cole Information Services
	SHARON DOSSEY	Cole Information Services
ARDIAN RIZVANOLLI	Cole Information Services	

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	THERESA STEPHENSON	Cole Information Services
	KELLY CURRY	Cole Information Services
	DIANNA MALL	Cole Information Services
	WALTER MEYER	Cole Information Services
	MICHAEL MCCOY	Cole Information Services
	JULIE BURIC	Cole Information Services
	NICOLE STRAUSS	Cole Information Services
	TAI CHEUNG	Cole Information Services
	SYLVIA MACFARLANE	Cole Information Services
	DONALD EDMISTON	Cole Information Services
	ANN WHITNEY	Cole Information Services
	DENNIS HANSON	Cole Information Services
	FRANK LEWIS	Cole Information Services
	PATRICK AIELLO	Cole Information Services
	SARAH AMENT	Cole Information Services
	AZA EVENTS INC	Cole Information Services
	VERA RYBICKI	Cole Information Services
	LYNN KOGER	Cole Information Services
	DENNIS KONZAL	Cole Information Services
	HAROLD SILVER	Cole Information Services
	JONATHAN OLAWSKI	Cole Information Services
	AMY GREENBANK	Cole Information Services
	RICHARD IRVING	Cole Information Services
	RICHARD GARIGEN	Cole Information Services
	DOUG MORRISON	Cole Information Services
	MARK EISENHUT	Cole Information Services
	KATHY WICHERT	Cole Information Services
	DAVID WORDEN	Cole Information Services
	JOHN LUOMA	Cole Information Services
	KEVIN OROURKE	Cole Information Services
	DEREK O'DONNELL	Cole Information Services
	ANNETTE GALVIN	Cole Information Services
	SARAH CARNEY	Cole Information Services
	ROBERT CLENDENING	Cole Information Services
	MANDY MEISTER	Cole Information Services
	COBYANN BERGLUND	Cole Information Services
	ROGER HARRIS	Cole Information Services
	THOMAS WEIRICH	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	HERBERT WEISMAN	Cole Information Services
	LORI JAMES	Cole Information Services
	EUGENE BERNSTEIN	Cole Information Services
	JEFF BOSTIC	Cole Information Services
	DANIEL LIEU	Cole Information Services
	ANNA ALEXOPOULOS	Cole Information Services
	ERNEST RICE	Cole Information Services
	DAVID HEHMAN	Cole Information Services
	BRENT HILL	Cole Information Services
	JUDITH SIGALE	Cole Information Services
	SCOTT CHRISTIANSEN	Cole Information Services
	HOLLY CINALLI	Cole Information Services
	MARTHA WYRICK	Cole Information Services
	ROBERT GRIAZA	Cole Information Services
	BRIAN BELASKI	Cole Information Services
	JENS APPELGREEN	Cole Information Services
	MICHAEL KRAFT	Cole Information Services
	MARKUS HARTL	Cole Information Services
	MARIA SOUERS	Cole Information Services
	DONALD OBRIEN	Cole Information Services
	THOMAS YOUNG	Cole Information Services
	HELIAS CASARES	Cole Information Services
	PHILLIP MESTNICK	Cole Information Services
	AMY WEINSTEIN	Cole Information Services
	ALICE FELDMAN	Cole Information Services
	CHRISTINE FRATANONIO	Cole Information Services
	THELMA VANNATTER	Cole Information Services
	JEFFREY JOHNSTON	Cole Information Services
	BROOKE BANDARRA	Cole Information Services
	JASON BRADACH	Cole Information Services
	PATRICK BUTLER	Cole Information Services
	ESTEBAN AZAGRA	Cole Information Services
	PATRICIA RUZISKA	Cole Information Services
	WILLIAM YVON	Cole Information Services
	KENT CUMMINGS	Cole Information Services
	NATHAN NEVOIS	Cole Information Services
	GINA EKSTROM	Cole Information Services
	ALLISON WELLS	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	MIKE GRAMPO	Cole Information Services
	DAN WERNER	Cole Information Services
	DREW BROOKS	Cole Information Services
	LANCE PARSONS	Cole Information Services
1999	PATRICK CURRY	Cole Information Services
	CODY CONWAY	Cole Information Services
	MARTHA WYRICK	Cole Information Services
	ANY WEINSTEIN	Cole Information Services
	ANGIE WOODS	Cole Information Services
	JULIE BOTKIN	Cole Information Services
	HEIDI BUETTNER	Cole Information Services
	VICTOR ARTYMONOW	Cole Information Services
	DAVID DUARTE	Cole Information Services
	SHARON KRUEGER	Cole Information Services
	MARIA SOUERS	Cole Information Services
	DONALD OBRIEN	Cole Information Services
	HELIAS CASARES	Cole Information Services
	CHRISTINE FRATANTONIO	Cole Information Services
	JEFFREY JOHNSTON	Cole Information Services
	DENNIS BATCHIK	Cole Information Services
	JOAN RILEY	Cole Information Services
	DAVID KAPLAN	Cole Information Services
	JAN HANSON	Cole Information Services
	DAVID SILVER	Cole Information Services
	WILLIAM YVON	Cole Information Services
	MILOT BEJTA	Cole Information Services
	LANCE PARSONS	Cole Information Services
	DAVID PASQUALE	Cole Information Services
	TOMMY PIDDUCK	Cole Information Services
	JUDY ROZENDAL	Cole Information Services
	ANDREW KRAMER	Cole Information Services
	LYDIA HOUK	Cole Information Services
	KEITH GUIDO	Cole Information Services
	MARK NOLEN	Cole Information Services
	LUKE MANNEY	Cole Information Services
	WARREN WEINSTOCK	Cole Information Services
	CHAD FINCH	Cole Information Services
	MICHAEL JACQUAT	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	MARK FREDERICKS	Cole Information Services
	SHELLY BEAVER	Cole Information Services
	HELEN LAUSTEN	Cole Information Services
	DARREL RUBIN	Cole Information Services
	NANCY SKLAR	Cole Information Services
	THERESA STEPHENSON	Cole Information Services
	GABE GIORDANO	Cole Information Services
	JASON CHRISTY	Cole Information Services
	MICHAEL NOVAC	Cole Information Services
	JULIE BURIC	Cole Information Services
	MARCY HAYS	Cole Information Services
	ALEXIS HALE	Cole Information Services
	JOHN CINALLI	Cole Information Services
	WARREN WILHELM	Cole Information Services
	REBECCA WHITEHOUSE	Cole Information Services
	DONALD EDMISTON	Cole Information Services
	JAY BORKEN	Cole Information Services
	FRANK LEWIS	Cole Information Services
	SARAH AMENT	Cole Information Services
	KIMBERLY ROBAN	Cole Information Services
	VERA RYBICKI	Cole Information Services
	LYNN KOGER	Cole Information Services
	NIKKI HORSCH	Cole Information Services
	KENDALL GARCIA	Cole Information Services
	JAY MACKLIN	Cole Information Services
	PHILIP MARDESICH	Cole Information Services
	RACHEL CURRY	Cole Information Services
	SARA WIGGERS	Cole Information Services
	FILIP MARDESHICH	Cole Information Services
	OLEG VERGE	Cole Information Services
	COBYANN BERGLUND	Cole Information Services
	THERESA BLEVINS	Cole Information Services
	ADAM BRONNENKANT	Cole Information Services
	SARAH BOISSEREE	Cole Information Services
	BETH PICKTHORN	Cole Information Services
	MEG DAVIS	Cole Information Services
	ROBERT CLENDENING	Cole Information Services
	MANDY MEISTER	Cole Information Services

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1999	CHARLES VANLEER	Cole Information Services
	THEODORE MIRALDI	Cole Information Services
	SARA WERNER	Cole Information Services
	ZACH BRODT	Cole Information Services
	DOUG BRUNSKILL	Cole Information Services
	JAMES JOHNSON	Cole Information Services
	EUGENE BERNSTEIN	Cole Information Services
	JEFF BOSTIC	Cole Information Services
	JILL HAYDUSKO	Cole Information Services
	DAVID SITLER	Cole Information Services
	PAUL HILL	Cole Information Services
	DANIEL GAGNON	Cole Information Services
	PATRICK O'BRIEN	Cole Information Services

16891 N 94TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2009	ROBERT DARR	Cole Information Services
2004	ROBERT DARR	Cole Information Services
1999	ROBERT DARR	Cole Information Services

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
16648 N 94TH ST	2017, 2014, 2009, 2004, 2001, 1999, 1994, 1993, 1987, 1985, 1982, 1979, 1977, 1970, 1968, 1965, 1964, 1960, 1955, 1952, 1950, 1947, 1945, 1940, 1935, 1930, 1925, 1920
16648 N 94TH ST	2006, 2004, 2001, 1999, 1994, 1993, 1987, 1985, 1982, 1979, 1977, 1970, 1968, 1965, 1964, 1960, 1955, 1952, 1950, 1947, 1945, 1940, 1935, 1930, 1925, 1920
16801 N 94TH ST	2017, 2014, 2009, 2004, 2001, 1999, 1994, 1993, 1987, 1985, 1982, 1979, 1977, 1970, 1968, 1965, 1964, 1960, 1955, 1952, 1950, 1947, 1945, 1940, 1935, 1930, 1925, 1920
16801 N 94TH ST	2006, 2001, 1994, 1993, 1987, 1985, 1982, 1979, 1977, 1970, 1968, 1965, 1964, 1960, 1955, 1952, 1950, 1947, 1945, 1940, 1935, 1930, 1925, 1920
16891 N 94TH ST	2017, 2014, 2006, 2001, 1994, 1993, 1987, 1985, 1982, 1979, 1977, 1970, 1968, 1965, 1964, 1960, 1955, 1952, 1950, 1947, 1945, 1940, 1935, 1930, 1925, 1920
9376 E BAHIA DR	2006, 2004, 2001, 1999, 1994, 1993, 1987, 1985, 1982, 1979, 1977, 1970, 1968, 1965, 1964, 1960, 1955, 1952, 1950, 1947, 1945, 1940, 1935, 1930, 1925, 1920
9378 E BAHIA DR	2017, 2009, 2006, 2004, 2001, 1999, 1994, 1993, 1987, 1985, 1982, 1979, 1977, 1970, 1968, 1965, 1964, 1960, 1955, 1952, 1950, 1947, 1945, 1940, 1935, 1930, 1925, 1920
9380 E BAHIA DR	2006, 2004, 2001, 1999, 1994, 1993, 1987, 1985, 1982, 1979, 1977, 1970, 1968, 1965, 1964, 1960, 1955, 1952, 1950, 1947, 1945, 1940, 1935, 1930, 1925, 1920
9382 E BAHIA DR	2006, 2004, 2001, 1994, 1993, 1987, 1985, 1982, 1979, 1977, 1970, 1968, 1965, 1964, 1960, 1955, 1952, 1950, 1947, 1945, 1940, 1935, 1930, 1925, 1920
9383 E BAHIA DR	2006, 2004, 2001, 1999, 1994, 1993, 1987, 1985, 1982, 1979, 1977, 1970, 1968, 1965, 1964, 1960, 1955, 1952, 1950, 1947, 1945, 1940, 1935, 1930, 1925, 1920
9393 E BELL RD	2009, 2006, 2004, 2001, 1999, 1994, 1993, 1987, 1985, 1982, 1979, 1977, 1970, 1968, 1965, 1964, 1960, 1955, 1952, 1950, 1947, 1945, 1940, 1935, 1930, 1925, 1920
9701 E BELL RD	2017, 2014, 2009, 2004, 1999, 1994, 1993, 1987, 1985, 1982, 1979, 1977, 1970, 1968, 1965, 1964, 1960, 1955, 1952, 1950, 1947, 1945, 1940, 1935, 1930, 1925, 1920
9701 E BELL RD	2006, 2001, 1999, 1994, 1993, 1987, 1985, 1982, 1979, 1977, 1970, 1968, 1965, 1964, 1960, 1955, 1952, 1950, 1947, 1945, 1940, 1935, 1930, 1925, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

SEC of East Bell Road and
North 94th Street

Address Not Identified in Research Source

2017, 2014, 2009, 2006, 2004, 2001, 1999, 1994, 1993, 1987, 1985, 1982, 1979,
1977, 1970, 1968, 1965, 1964, 1960, 1955, 1952, 1950, 1947, 1945, 1940, 1935,
1930, 1925, 1920

10.3-Acres of Undeveloped Land
SEC of East Bell Road and North 94th Street
Scottsdale, AZ 85260

Inquiry Number: 6065142.3

May 15, 2020

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

05/15/20

Site Name:

10.3-Acres of Undeveloped Lar
SEC of East Bell Road and Noi
Scottsdale, AZ 85260
EDR Inquiry # 6065142.3

Client Name:

Ninyo & Moore
3202 E. Harbour Drive
Phoenix, AZ 85034
Contact: Dylan Funkner



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Ninyo & Moore 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.

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 # D5F8-4C58-9CB2
PO # NA
Project 605816002



Sanborn® Library search results

Certification #: D5F8-4C58-9CB2

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.

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™

Limited Permission To Make Copies

Ninyo & Moore (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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. Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

**Appendix E -
Soil Map**



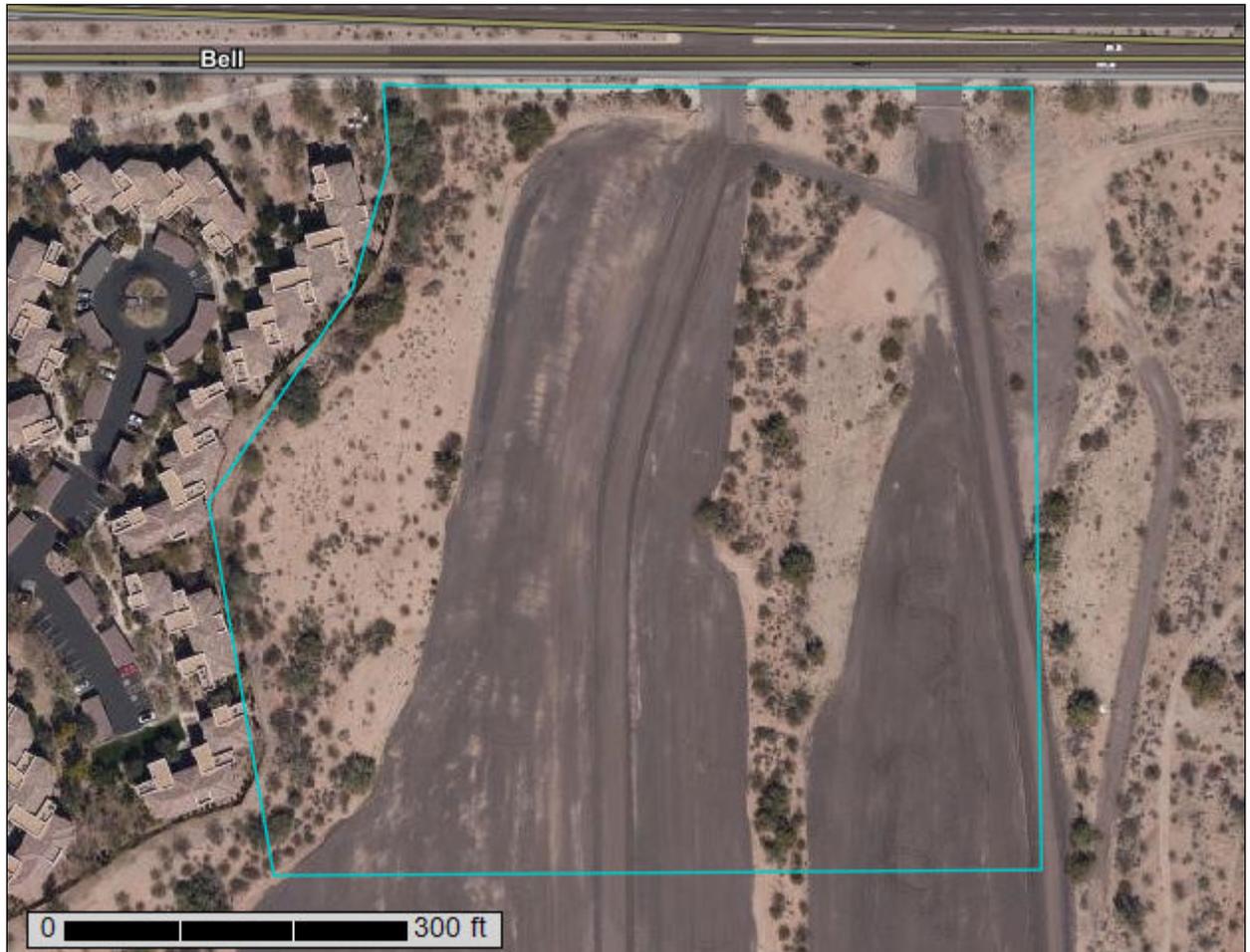
United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for Aguila-Carefree Area, Arizona, Parts of Maricopa and Pinal Counties



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Contents

Preface	2
How Soil Surveys Are Made	5
Soil Map	8
Soil Map.....	9
Legend.....	10
Map Unit Legend.....	12
Map Unit Descriptions.....	12
Aguila-Carefree Area, Arizona, Parts of Maricopa and Pinal Counties.....	14
90—Momoli gravelly sandy loam, 1 to 5 percent slopes.....	14
References	15

How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

Custom Soil Resource Report

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

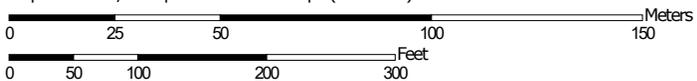
Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map



Map Scale: 1:1,780 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 12N WGS84

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Aguila-Carefree Area, Arizona, Parts of Maricopa and Pinal Counties
 Survey Area Data: Version 13, Sep 16, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 1, 2018—Jun 1, 2018

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background

MAP LEGEND

MAP INFORMATION

imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
90	Momoli gravelly sandy loam, 1 to 5 percent slopes	10.4	100.0%
Totals for Area of Interest		10.4	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Custom Soil Resource Report

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Aguila-Carefree Area, Arizona, Parts of Maricopa and Pinal Counties

90—Momoli gravelly sandy loam, 1 to 5 percent slopes

Map Unit Setting

National map unit symbol: 1s9g
Elevation: 1,400 to 2,200 feet
Mean annual precipitation: 7 to 10 inches
Mean annual air temperature: 70 to 73 degrees F
Frost-free period: 250 to 300 days
Farmland classification: Not prime farmland

Map Unit Composition

Momoli and similar soils: 100 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Momoli

Setting

Landform: Fan terraces
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Tread
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Mixed alluvium

Typical profile

A - 0 to 3 inches: gravelly sandy loam
Bw - 3 to 60 inches: very gravelly sandy loam

Properties and qualities

Slope: 1 to 5 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum in profile: 5 percent
Salinity, maximum in profile: Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)
Available water storage in profile: Low (about 4.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: A
Ecological site: Sandy Loam 7-10" p.z. Deep (R040XB221AZ)
Hydric soil rating: No

References

- American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.
- American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.
- Federal Register. July 13, 1994. Changes in hydric soils of the United States.
- Federal Register. September 18, 2002. Hydric soils of the United States.
- Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.
- National Research Council. 1995. Wetlands: Characteristics and boundaries.
- Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_054262
- Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577
- Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053580
- Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.
- United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.
- United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053374
- United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. <http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084>

Custom Soil Resource Report

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf

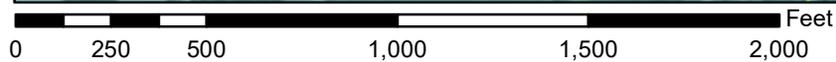
Appendix F -

Regulatory Agency Requests and Records

National Flood Hazard Layer FIRMette



33°38'35.88"N



1:6,000

33°38'5.92"N

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- | | |
|---|--|
| <p>SPECIAL FLOOD HAZARD AREAS</p> | <ul style="list-style-type: none"> Without Base Flood Elevation (BFE)
<i>Zone A, V, A99</i> With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i> Regulatory Floodway |
| <p>OTHER AREAS OF FLOOD HAZARD</p> | <ul style="list-style-type: none"> 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i> Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i> Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i> Area with Flood Risk due to Levee <i>Zone D</i> |
| <p>OTHER AREAS</p> | <ul style="list-style-type: none"> NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i> Effective LOMRs Area of Undetermined Flood Hazard <i>Zone D</i> |
| <p>GENERAL STRUCTURES</p> | <ul style="list-style-type: none"> Channel, Culvert, or Storm Sewer Levee, Dike, or Floodwall |
| <p>OTHER FEATURES</p> | <ul style="list-style-type: none"> Cross Sections with 1% Annual Chance Water Surface Elevation Coastal Transect Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary Coastal Transect Baseline Profile Baseline Hydrographic Feature |
| <p>MAP PANELS</p> | <ul style="list-style-type: none"> Digital Data Available No Digital Data Available Unmapped |



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **6/4/2020 at 3:14:03 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

111°52'13.05"W



SEARCH

GO >

[HOME](#) | [ABOUT](#) | [PERMIT AND COMPLIANCE ASSISTANCE](#) | [PROGRAMS](#) | [ONLINE SERVICES](#) | [MY COMMUNITY](#) | [RECORDS CENTER](#) | [EMAPS](#)



[< RETURN TO RECORDS CENTER](#)

Request a Record

Records Center

Contact Information

First Name *

Dylan

Last Name *

Funkner

Company

Ninyo and Moore

Address

3202 E harbour dr

City

PHOENIX

State

Arizona

Zip *

85034

E-mail *

dfunkner@ninyoandmoore.com

[BACK TO TOP](#)

Confirm E-mail *

dfunkner@ninyoandmoore.com

Phone *

6022431600

Fax

Records Information

To help locate requested files please provide any details you may know concerning the file, for example:

- Current and/or Previous Site Name(s)
- Site Address
- ID Number (eg. RIMS, Site Code, Inspection Number, Licensing Time Frame (LTF) number, Case ID, AZPDES, Inventory Number, CTS Number, Public Water System Number, Task Assignment Number, etc.)
- ADEQ Program Responsible

I am requesting and LUST, UST, APP, Drywell, hazardous materials records, or any other known records for the Property located at the Southeast corner of the Intersection of East Bell Road and 94th Street in Scottsdale AZ. Maricopa County
 APN# 217-13-157.

How Would You Like to Review the Records? *

- Scan and Send Digitally (fee may apply)
- Scan and Mail CD (fee may apply)
- Print and Mail (fee may apply)
- In-Person at the Records Center

SUBMIT

SEARCH DATABASES 	COMPLAINTS 	COMPLIANCE ASSISTANCE 	FORMS 	PERMIT APPLICATION STATUS 	MEDIA/PRESS RELEASES 	PUBLIC NOTICES 	LAW & RULE 
---	---	--	--	--	---	---	---

GTranslate

Select Language ▼

CONTACT US | ACCESSIBILITY POLICY | CIVIL RIGHTS | SITE POLICY | OPENBOOKS | PROCUREMENT | CAREERS | SUBSCRIBE |  

From: [Servondo Mark](#)
To: [Dylan Funkner](#)
Cc: [Latrice Morehead \(Contractor\)](#); [Anthony Vinson \(Contractor\)](#)
Subject: Re: DYLAN FUNKNER Form submission from: Request a Record CTS #398847
Date: Friday, May 22, 2020 3:35:33 PM

Hi Dylan,

After a thorough search no information, or files was found for the parcel number provided.

This request is now closed.

Please email me, or call my direct number listed below if you have any questions.

Thank you,

Please note that although it is easy to mistake my name as being backwards, it isn't. **Servondo** is my first name.

Servondo J. Mark

Records Management Center, Researcher Analyst I
Ph: 602-771-4345



azdeq.gov

Your feedback matters to ADEQ. Visit azdeq.gov/feedback

On Thu, May 21, 2020 at 12:24 PM Servondo Mark <mark.servondo@azdeq.gov> wrote:

Hi Dylan,

We have received your request and will be contacting you once the files have been located. Please use the CTS # in the subject line to refer to your request. If you have any questions or concerns, "Reply All", or call me at my direct number seen below. If I am not available you can contact the Records Management Center at (602) 771-4380.

Thank you,

Please note that although it is easy to mistake my name as being backwards, it isn't. **Servondo** is my first name.

Servondo J. Mark

Records Management Center, Researcher Analyst I
Ph: 602-771-4345



azdeq.gov

Your feedback matters to ADEQ. Visit azdeq.gov/feedback

On Thu, May 21, 2020 at 12:13 PM RecordsCenter - AZDEQ <recordscenter@azdeq.gov> wrote:

----- Forwarded message -----

From: **Funkner via ADEQ Arizona Department of Environmental Quality** <cdw1@azdeq.gov>
Date: Thu, May 21, 2020 at 10:55 AM
Subject: Form submission from: Request a Record
To: <recordscenter@azdeq.gov>

Submitted on Thursday, May 21, 2020 - 10:55
Submitted by anonymous user: 63.146.22.122
Submitted values are:

First Name: Dylan
Last Name: Funkner
Company: Ninyo and Moore
Address: 3202 E harbour dr
City: PHOENIX
State: Arizona
Zip: 85034
E-mail: dfunkner@ninyoandmoore.com
Confirm E-mail: dfunkner@ninyoandmoore.com
Phone: (602) 243-1600
Fax:
.... Records Information

To help locate requested files please provide any details you may know concerning the file, for example:

- * Current and/or Previous Site Name(s)
- * Site Address
- * ID Number (eg. RIMS, Site Code, Inspection Number, Licensing Time Frame (LTF) number, Case ID, AZPDES, Inventory Number, CTS Number, Public Water System Number, Task Assignment Number, etc.)
- * ADEQ Program Responsible

Enter File Details:

I am requesting and LUST, UST, APP, Drywell, hazardous materials records, or any other known records for the Property located at the Southeast of the Intersection of East Bell Road and 94th Street in Scottsdale AZ. Maricopa County
APN# 217-13-157.

Please contact me with any questions regarding this request.

Thank you,

-Dylan Funkner

How Would You Like to Review the Records? Scan and Send Digitally (fee may apply)

The results of this submission may be viewed at:
<https://azdeq.gov/node/219/submission/17715>

From: [DoNotReply](#)
To: [Dylan Funkner](#)
Subject: PRR # 20-006500 : City of Scottsdale Public Records Request Receipt
Date: Thursday, May 21, 2020 11:05:54 AM

City of Scottsdale



We have received your online Public Records Request. Please keep this email for reference.

Reference number: **20-006500**

Your request included the following details:

Records Requested: Other

I am requesting and LUST, UST, APP, Drywell, hazardous materials records, or any other known records for the Property located at the Southeast corner of the Intersection of East Bell Road and 94th Street in Scottsdale AZ. Maricopa County
APN# 217-13-157.

****Commercial Request****

Business Name: Ninyo & Moore

Purpose: Completion of a Phase I Environmental Assessment

Parcel Number: 217-13-157

Parcel Address: 3202 E harbour dr

Subdivision:

Lot Number:

Intersection:

Property Owner: No

Please note that your request will be processed **in the order it was received.**

We will use this information to contact you if needed:

Name: Dylan Funkner

Email: dfunkner@ninyoandmoore.com

Phone: (602) 243-1600



© 2020 City of Scottsdale. All Rights Reserved.

**Appendix G -
Environmental Database**

10.3-Acres of Undeveloped Land

SEC of East Bell Road and North 94th Street
Scottsdale, AZ 85260

Inquiry Number: 6065142.2s
May 15, 2020

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	12
Government Records Searched/Data Currency Tracking	GR-1
<u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-10
Physical Setting Source Records Searched	PSGR-1

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

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.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission. EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

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

SEC OF EAST BELL ROAD AND NORTH 94TH STREET
SCOTTSDALE, AZ 85260

COORDINATES

Latitude (North): 33.6390910 - 33° 38' 20.72"
Longitude (West): 111.8751660 - 111° 52' 30.59"
Universal Transverse Mercator: Zone 12
UTM X (Meters): 418837.1
UTM Y (Meters): 3722290.5
Elevation: 1563 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6718001 CURRYS CORNER, AZ
Version Date:	2014
Northeast Map:	6718045 MCDOWELL PEAK, AZ
Version Date:	2014
Southeast Map:	6718073 SAWIK MOUNTAIN, AZ
Version Date:	2014
Southwest Map:	6718059 PARADISE VALLEY, AZ
Version Date:	2014

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150601
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
SEC OF EAST BELL ROAD AND NORTH 94TH STREET
SCOTTSDALE, AZ 85260

Click on Map ID to see full detail.

<u>MAP ID</u>	<u>SITE NAME</u>	<u>ADDRESS</u>	<u>DATABASE ACRONYMS</u>	<u>RELATIVE ELEVATION</u>	<u>DIST (ft. & mi.) DIRECTION</u>
1	TOM'S THUMB FRESH MA	9393 E BELL RD	UST, EMAP, Enforcement, Financial Assurance	Higher	897, 0.170, WNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

EXECUTIVE SUMMARY

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

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

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
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

VCP..... Voluntary Remediation Program Sites
INDIAN VCP..... Voluntary Cleanup Priority Listing

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
PFAS.....	PFAS Contamination Site Listing

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
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem

EXECUTIVE SUMMARY

US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
ECHO.....	Enforcement & Compliance History Information
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
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
SPDES.....	NPDES
VAPOR.....	Vapor Intrusion
UIC.....	Underground Injection Control Wells
WWFAC.....	Waste Water Treatment Facilities
MINES MRDS.....	Mineral Resources Data System

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

STANDARD ENVIRONMENTAL RECORDS

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Arizona UST-DMS Facility and Tank Data Listing by City database.

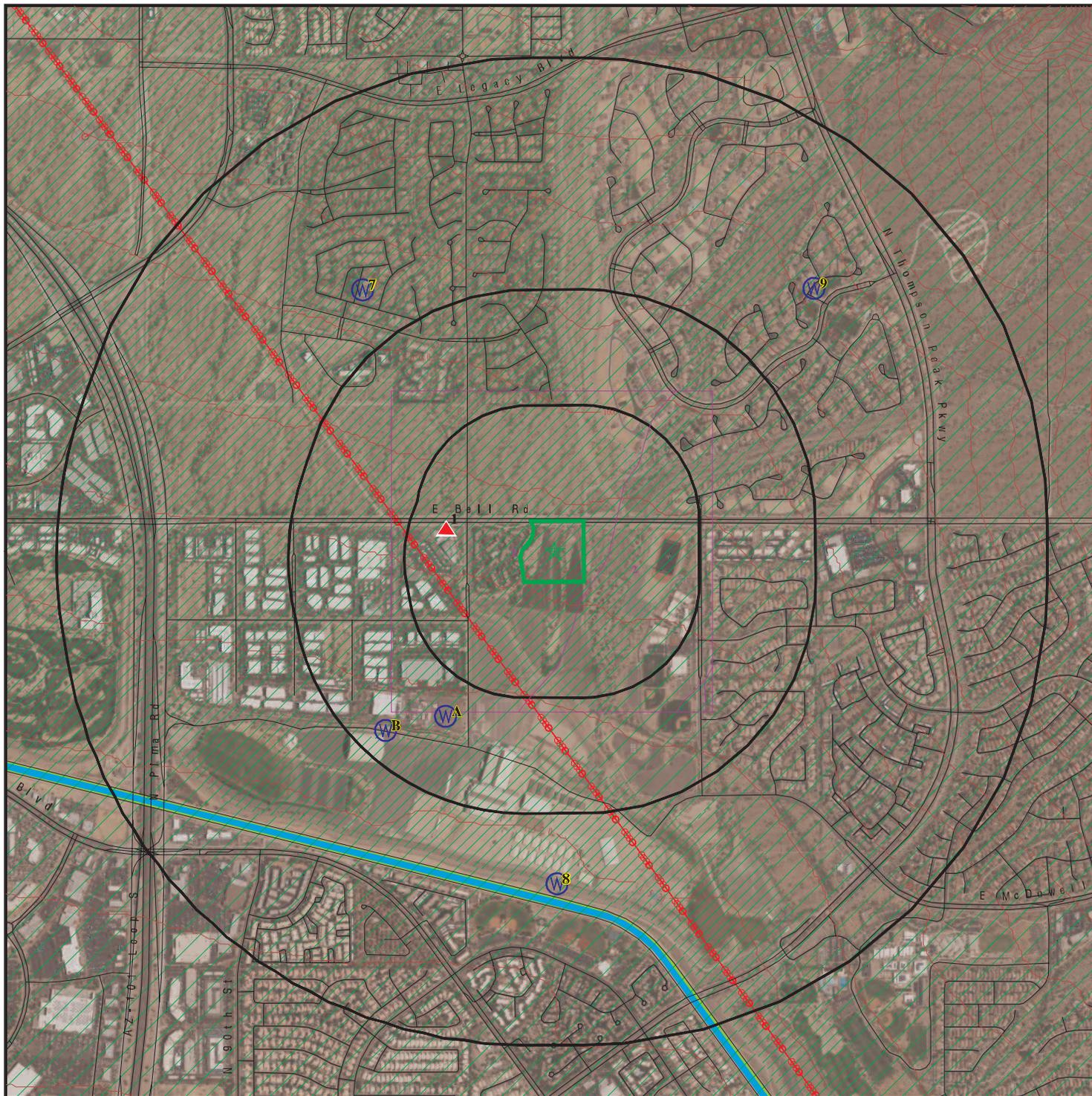
A review of the UST list, as provided by EDR, and dated 01/16/2020 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>TOM'S THUMB FRESH MA</i> Facility Id: 0-010201	<i>9393 E BELL RD</i>	<i>WNW 1/8 - 1/4 (0.170 mi.)</i>	<i>1</i>	<i>8</i>

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6065142.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

DOD Sites: AZ DEQ

Water Quality Assurance Revolving Fund Areas

AZ NPL

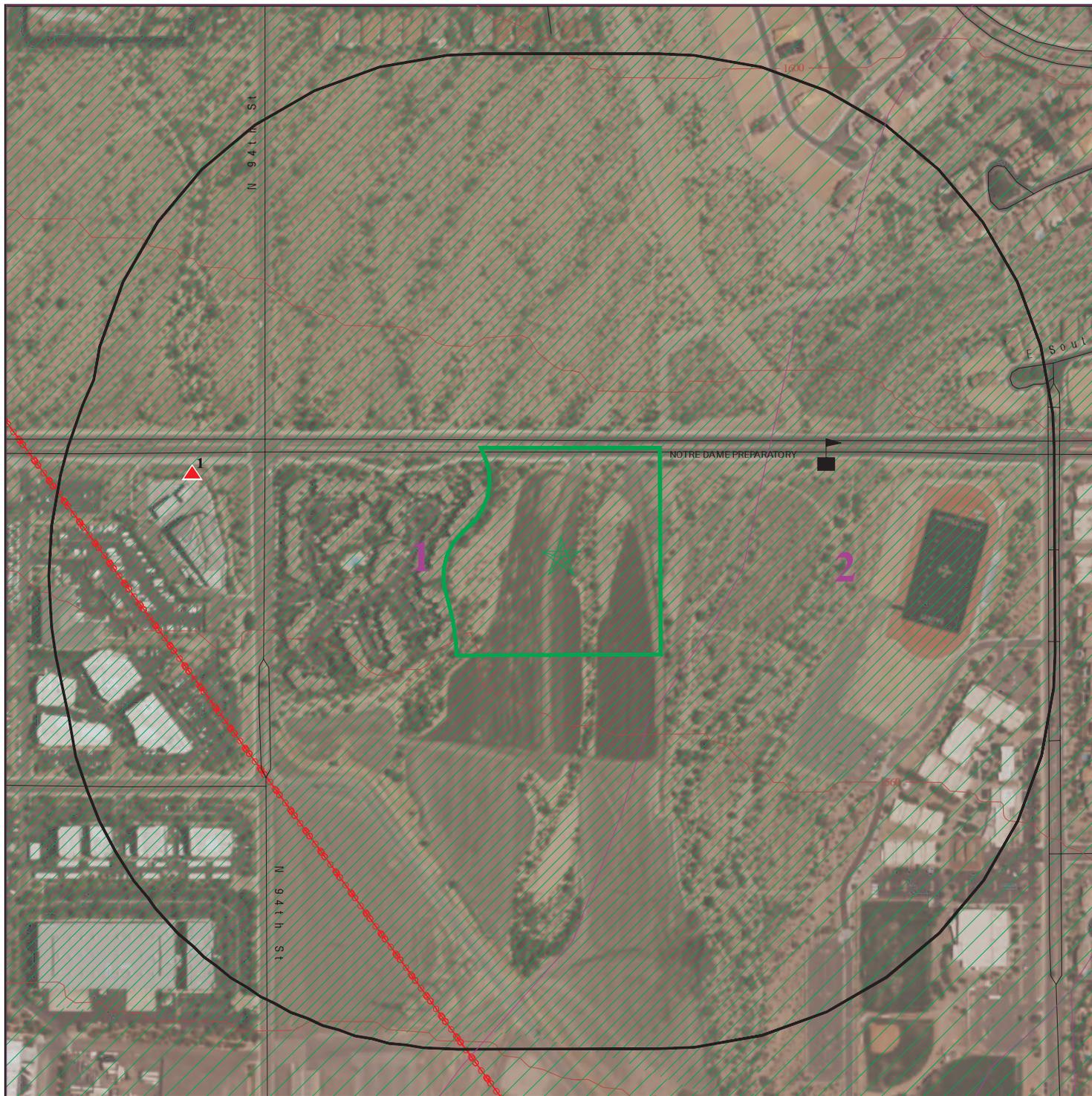


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

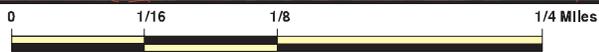
SITE NAME: 10.3-Acres of Undeveloped Land
 ADDRESS: SEC of East Bell Road and North 94th Street
 Scottsdale AZ 85260
 LAT/LONG: 33.639091 / 111.875166

CLIENT: Ninyo & Moore
 CONTACT: Dylan Funkner
 INQUIRY #: 6065142.2s
 DATE: May 15, 2020 12:15 pm

DETAIL MAP - 6065142.2S



-  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
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  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: 10.3-Acres of Undeveloped Land
 ADDRESS: SEC of East Bell Road and North 94th Street
 Scottsdale AZ 85260
 LAT/LONG: 33.639091 / 111.875166

CLIENT: Ninyo & Moore
 CONTACT: Dylan Funkner
 INQUIRY #: 6065142.2s
 DATE: May 15, 2020 12:18 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
AZ NPL	1.000		0	0	0	0	NR	0
AZ WQARF	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SPL	1.000		0	0	0	0	NR	0
SHWS	1.000		0	0	0	0	NR	0
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
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
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	1	NR	NR	NR	1
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AZURITE	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
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
Local Lists of Hazardous waste / Contaminated Sites								
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
PFAS	0.500		0	0	0	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
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
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	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		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	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
ECHO	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
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
SPDES	TP		NR	NR	NR	NR	NR	0
VAPOR	0.500		0	0	0	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
WWFAC	0.500		0	0	0	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
---------	-------	--	---	---	---	---	----	---

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
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
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	0	1	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

1
WNW
1/8-1/4
0.170 mi.
897 ft.

TOM'S THUMB FRESH MARKET
9393 E BELL RD
SCOTTSDALE, AZ 85260

UST
EMAP
Enforcement
Financial Assurance
U004120245
N/A

Relative:
Higher
Actual:
1568 ft.

UST:
Name: TOM'S THUMB FRESH MARKET
Address: 9393 E BELL RD
City,State,Zip: SCOTTSDALE, AZ 85260
Facility ID: 0-010201
Owner: 9393 VENTURES, L.L.C.
Latitude: 33.639418
Longitude: 111.879106

Tank ID: 1
Date Closed: Not reported
Tank Status: Open
Closure Type: Not reported
Tank Inst Date: 02/22/2007
Capacity: 20000
Substance: Gasoline
Compartment: COMPARTMENT A
Tank Const Type: Double Walled
Tank Mtrl Type: Composite (Steel/Fiberglass)
Pipe Type: Pressure
Pipe Mtrl Type: Fiberglass Reinforced Plastic
Pipe const Type: Double Walled

Tank ID: 2
Date Closed: Not reported
Tank Status: Open
Closure Type: Not reported
Tank Inst Date: 02/22/2007
Capacity: 8000
Substance: Diesel
Compartment: COMPARTMENT B
Tank Const Type: Double Walled
Tank Mtrl Type: Composite (Steel/Fiberglass)
Pipe Type: Pressure
Pipe Mtrl Type: Fiberglass Reinforced Plastic
Pipe const Type: Double Walled

Tank ID: 2
Date Closed: Not reported
Tank Status: Open
Closure Type: Not reported
Tank Inst Date: 02/22/2007
Capacity: 12000
Substance: Gasoline
Compartment: COMPARTMENT A
Tank Const Type: Double Walled
Tank Mtrl Type: Composite (Steel/Fiberglass)
Pipe Type: Pressure
Pipe Mtrl Type: Fiberglass Reinforced Plastic
Pipe const Type: Double Walled

Tank ID: 3
Date Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOM'S THUMB FRESH MARKET (Continued)

U004120245

Tank Status: Open
Closure Type: Not reported
Tank Inst Date: 02/22/2007
Capacity: 5000
Substance: Gasoline
Compartment: COMPARTMENT B
Tank Const Type: Double Walled
Tank Mtrl Type: Composite (Steel/Fiberglass)
Pipe Type: Pressure
Pipe Mtrl Type: Fiberglass Reinforced Plastic
Pipe const Type: Double Walled

Tank ID: 3
Date Closed: Not reported
Tank Status: Open
Closure Type: Not reported
Tank Inst Date: 02/22/2007
Capacity: 15000
Substance: Gasoline
Compartment: COMPARTMENT A
Tank Const Type: Double Walled
Tank Mtrl Type: Composite (Steel/Fiberglass)
Pipe Type: Pressure
Pipe Mtrl Type: Fiberglass Reinforced Plastic
Pipe const Type: Double Walled

EMAP:

Name: TOM'S THUMB FRESH MARKET
Address: 9393 E BELL RD
City,State,Zip: SCOTTSDALE, AZ 85260
ID Number: 129648
Township: Not reported
Range: Not reported
Section: Not reported
Quarter 1: Not reported
Quarter 2: Not reported
Quarter 3: Not reported
Latitude: 33.639418
Longitude: -111.879107
Collection Method: LOCATED FROM COUNTY PARCEL INFORMATION
Place Type: GAS FILLING STATION - COMMERCIAL
Place Type Code: GS
Place C Code: PP
Facility Status: ACTIVE
End Date: Not reported
Verified: Y

ENF:

Facility ID: 129648
Facility Name: TOM'S THUMB FRESH MARKET
Address: 9393 E BELL RD
City,State,Zip: SCOTTSDALE, AZ 85260
Case ID: 107073
Facility Type: GAS FILLING STATION - COMMERCIAL
Notice Type: Not reported
Notice Issue Date: 02/10/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOM'S THUMB FRESH MARKET (Continued)

U004120245

Order Type: Not reported
Order Issue Date: Not reported
Closed Date: 05/13/2009
Facility Status: Case Closed
Env Program: UNDERGROUND STORAGE TANK PROGRAM
Notice Type Code: Not reported

Facility ID: 129648
Facility Name: TOM'S THUMB FRESH MARKET
Address: 9393 E BELL RD
City,State,Zip: SCOTTSDALE, AZ 85260
Case ID: 137835
Facility Type: GAS FILLING STATION - COMMERCIAL
Notice Type: Not reported
Notice Issue Date: 03/07/2013
Order Type: Not reported
Order Issue Date: Not reported
Closed Date: 06/07/2013
Facility Status: Case Closed
Env Program: UNDERGROUND STORAGE TANK PROGRAM
Notice Type Code: Not reported

Facility ID: 129648
Facility Name: TOM'S THUMB FRESH MARKET
Address: 9393 E BELL RD
City,State,Zip: SCOTTSDALE, AZ 85260
Case ID: 161661
Facility Type: GAS FILLING STATION - COMMERCIAL
Notice Type: Not reported
Notice Issue Date: 03/10/2016
Order Type: Not reported
Order Issue Date: Not reported
Closed Date: 04/08/2016
Facility Status: Case Closed
Env Program: UNDERGROUND STORAGE TANK PROGRAM
Notice Type Code: Not reported

Facility ID: 129648
Facility Name: TOM'S THUMB FRESH MARKET
Address: 9393 E BELL RD
City,State,Zip: SCOTTSDALE, AZ 85260
Case ID: 179714
Facility Type: GAS FILLING STATION - COMMERCIAL
Notice Type: Notice of Violations
Notice Issue Date: 11/29/2018
Order Type: Not reported
Order Issue Date: Not reported
Closed Date: 12/19/2018
Facility Status: Case Closed
Env Program: UNDERGROUND STORAGE TANK PROGRAM
Notice Type Code: NOV

Financial Assurance 1:

Name: TOM'S THUMB FRESH MARKET
Address: 9393 E BELL RD
City,State,Zip: SCOTTSDALE, AZ 85260
Mech Desc: Commercial Liability Insurance

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOM'S THUMB FRESH MARKET (Continued)

U004120245

Owner Name: 9393 VENTURES, L.L.C.
Annual Coverage: 1000000
Effective Date: 06/14/2019
Expired Date: 06/13/2020

Count: 0 records.

ORPHAN SUMMARY

<u>City</u>	<u>EDR ID</u>	<u>Site Name</u>	<u>Site Address</u>	<u>Zip</u>	<u>Database(s)</u>
NO SITES FOUND					

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 01/30/2020	Source: EPA
Date Data Arrived at EDR: 02/05/2020	Telephone: N/A
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 05/06/2020
Number of Days to Update: 9	Next Scheduled EDR Contact: 07/13/2020
	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: 01/30/2020	Source: EPA
Date Data Arrived at EDR: 02/05/2020	Telephone: N/A
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 05/06/2020
Number of Days to Update: 9	Next Scheduled EDR Contact: 07/13/2020
	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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: N/A
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

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

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/13/2020
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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 07/27/2020
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: 01/30/2020	Source: EPA
Date Data Arrived at EDR: 02/05/2020	Telephone: 800-424-9346
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 05/06/2020
Number of Days to Update: 9	Next Scheduled EDR Contact: 07/27/2020
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/16/2019	Source: EPA
Date Data Arrived at EDR: 12/16/2019	Telephone: 800-424-9346
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 03/25/2020
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 12/16/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 03/25/2020
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/16/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 03/25/2020
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/06/2020
	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: 12/16/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 03/25/2020
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 12/16/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 03/25/2020
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/06/2020
	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: 11/04/2019	Source: Department of the Navy
Date Data Arrived at EDR: 11/13/2019	Telephone: 843-820-7326
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 05/14/2020
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/24/2020
	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: 11/22/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/22/2019	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 02/20/2020
Number of Days to Update: 67	Next Scheduled EDR Contact: 06/08/2020
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 11/22/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/22/2019	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 02/20/2020
Number of Days to Update: 67	Next Scheduled EDR Contact: 06/08/2020
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/19/2019
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 78

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/24/2020
Next Scheduled EDR Contact: 07/06/2020
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: 09/30/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 64

Source: Department of Environmental Quality
Telephone: 602-771-4609
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/31/2020
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: 09/30/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 64

Source: Department of Environmental Quality
Telephone: 602-771-4360
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/31/2020
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: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
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: 03/12/2020
Next Scheduled EDR Contact: 06/29/2020
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: 12/31/2019
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/29/2020
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 602-771-2300
Last EDR Contact: 04/06/2020
Next Scheduled EDR Contact: 07/20/2020
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: 01/16/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 03/10/2020
Number of Days to Update: 48

Source: Department of Environmental Quality
Telephone: 602-771-4345
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2019	Source: EPA, Region 5
Date Data Arrived at EDR: 12/04/2019	Telephone: 312-886-7439
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 04/24/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 08/03/2020
	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: 10/15/2019	Source: EPA Region 7
Date Data Arrived at EDR: 12/17/2019	Telephone: 913-551-7003
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 04/24/2020
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/03/2019	Source: EPA Region 8
Date Data Arrived at EDR: 12/04/2019	Telephone: 303-312-6271
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 04/24/2020
Number of Days to Update: 72	Next Scheduled EDR Contact: 08/03/2020
	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: 08/27/2019	Source: FEMA
Date Data Arrived at EDR: 08/28/2019	Telephone: 202-646-5797
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 03/19/2020
Number of Days to Update: 75	Next Scheduled EDR Contact: 07/20/2020
	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: 01/16/2020	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/22/2020	Telephone: 602-771-4345
Date Made Active in Reports: 03/10/2020	Last EDR Contact: 04/10/2020
Number of Days to Update: 48	Next Scheduled EDR Contact: 07/20/2020
	Data Release Frequency: Annually

AST: List of Aboveground Storage Tanks

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

Date of Government Version: 12/05/2019	Source: Department of Building & Fire Safety
Date Data Arrived at EDR: 12/06/2019	Telephone: 602-364-1003
Date Made Active in Reports: 01/31/2020	Last EDR Contact: 03/18/2020
Number of Days to Update: 56	Next Scheduled EDR Contact: 06/22/2020
	Data Release Frequency: No Update Planned

AST 2: Aboveground Storage Tank Listing

A listing of aboveground storage tank site locations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2019
Date Data Arrived at EDR: 01/15/2020
Date Made Active in Reports: 03/10/2020
Number of Days to Update: 55

Source: Department of Environmental Quality
Telephone: 602-771-4380
Last EDR Contact: 03/05/2020
Next Scheduled EDR Contact: 06/22/2020
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: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 85

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/24/2020
Next Scheduled EDR Contact: 08/03/2020
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: 11/19/2018
Date Data Arrived at EDR: 11/19/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 11

Source: Department of Environmental Quality
Telephone: 602-771-4397
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 06/29/2020
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: 10/03/2019
Date Data Arrived at EDR: 10/04/2019
Date Made Active in Reports: 12/12/2019
Number of Days to Update: 69

Source: Department of Environmental Quality
Telephone: 602-771-4397
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 06/29/2020
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: 02/08/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/03/2019
Number of Days to Update: 41

Source: Department of Environmental Quality
Telephone: 602-771-4411
Last EDR Contact: 03/30/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/18/2020
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/06/2020
	Data Release Frequency: Varies

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

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Tracking System

Information relating to Brownfields sites in Arizona.

Date of Government Version: 02/08/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/23/2019	Telephone: 602-771-4401
Date Made Active in Reports: 06/03/2019	Last EDR Contact: 03/30/2020
Number of Days to Update: 41	Next Scheduled EDR Contact: 07/13/2020
	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: 12/02/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2019	Telephone: 202-566-2777
Date Made Active in Reports: 03/06/2020	Last EDR Contact: 03/17/2020
Number of Days to Update: 81	Next Scheduled EDR Contact: 06/29/2020
	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: 12/06/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 12/09/2019	Telephone: 602-771-4132
Date Made Active in Reports: 01/31/2020	Last EDR Contact: 02/21/2020
Number of Days to Update: 53	Next Scheduled EDR Contact: 06/08/2020
	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: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: No Update Planned

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

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: 05/01/2020
Next Scheduled EDR Contact: 08/10/2020
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: 06/11/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab seizures in Arizona.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/30/2019
Date Made Active in Reports: 12/12/2019
Number of Days to Update: 43

Source: Board of Technical Registration
Telephone: 602-364-4931
Last EDR Contact: 03/18/2020
Next Scheduled EDR Contact: 07/06/2020
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: 06/11/2019	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/13/2019	Telephone: 202-307-1000
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 02/21/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/08/2020
	Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Listing

Arizona's Public Water System Screening for Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonate (PFOS) Final Report. The purpose of the grant was to screen Public Water System (PWS) drinking water wells in Arizona potentially impacted by perfluorooctanoic acid (PFOA) and/or perfluorooctane sulfonate (PFOS) contamination.

Date of Government Version: 11/01/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 02/07/2020	Telephone: 602-364-3118
Date Made Active in Reports: 04/22/2020	Last EDR Contact: 05/08/2020
Number of Days to Update: 75	Next Scheduled EDR Contact: 08/17/2020
	Data Release Frequency: Varies

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: 01/30/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/05/2020	Telephone: 202-564-6023
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 05/06/2020
Number of Days to Update: 9	Next Scheduled EDR Contact: 07/13/2020
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/05/2019	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/06/2019	Telephone: 202-366-4555
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 03/24/2020
Number of Days to Update: 70	Next Scheduled EDR Contact: 07/06/2020
	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: 02/21/2020
Number of Days to Update: 26	Next Scheduled EDR Contact: 06/08/2020
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/11/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 39

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
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: 01/28/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 85

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/06/2020
Next Scheduled EDR Contact: 07/20/2020
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/13/2020
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/25/2020
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 12/16/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/19/2019	Telephone: 202-566-1917
Date Made Active in Reports: 02/27/2020	Last EDR Contact: 03/24/2020
Number of Days to Update: 70	Next Scheduled EDR Contact: 07/06/2020
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 05/04/2020
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/17/2020
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/08/2020
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/17/2020
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 03/20/2020
Number of Days to Update: 198	Next Scheduled EDR Contact: 06/29/2020
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/05/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 10/23/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
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: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 11/05/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 149

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/15/2020
Next Scheduled EDR Contact: 08/03/2020
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 01/30/2020	Source: EPA
Date Data Arrived at EDR: 02/06/2020	Telephone: 202-564-6023
Date Made Active in Reports: 02/14/2020	Last EDR Contact: 05/06/2020
Number of Days to Update: 8	Next Scheduled EDR Contact: 08/17/2020
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 10/09/2019	Source: EPA
Date Data Arrived at EDR: 10/11/2019	Telephone: 202-566-0500
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 04/10/2020
Number of Days to Update: 70	Next Scheduled EDR Contact: 07/20/2020
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/26/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/20/2020
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

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

Date of Government Version: 10/25/2019	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 10/25/2019	Telephone: 301-415-7169
Date Made Active in Reports: 01/15/2020	Last EDR Contact: 04/10/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 08/03/2020
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2018	Source: Department of Energy
Date Data Arrived at EDR: 12/04/2019	Telephone: 202-586-8719
Date Made Active in Reports: 01/15/2020	Last EDR Contact: 03/06/2020
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/15/2020
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 02/27/2020
Number of Days to Update: 251	Next Scheduled EDR Contact: 06/15/2020
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 05/08/2020
Number of Days to Update: 96	Next Scheduled EDR Contact: 08/17/2020
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 07/01/2019
Number of Days to Update: 84	Next Scheduled EDR Contact: 07/13/2020
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/17/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 49

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
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
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/25/2020
Next Scheduled EDR Contact: 07/06/2020
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/17/2020
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

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: 11/06/2019
Date Data Arrived at EDR: 11/25/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 64

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/25/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/03/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 03/02/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 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: 02/28/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

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

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/28/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/11/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 78

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/05/2020
Next Scheduled EDR Contact: 06/22/2020
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: 11/22/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 03/02/2020
Number of Days to Update: 89

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/03/2020
Next Scheduled EDR Contact: 06/15/2020
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: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017	Source: Department of Defense
Date Data Arrived at EDR: 01/17/2019	Telephone: 703-704-1564
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/03/2020
Number of Days to Update: 74	Next Scheduled EDR Contact: 07/27/2020
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 01/05/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/07/2020	Telephone: 202-564-2280
Date Made Active in Reports: 03/06/2020	Last EDR Contact: 04/07/2020
Number of Days to Update: 59	Next Scheduled EDR Contact: 07/20/2020
	Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 02/18/2020	Source: EPA
Date Data Arrived at EDR: 02/19/2020	Telephone: 800-385-6164
Date Made Active in Reports: 05/14/2020	Last EDR Contact: 02/19/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/01/2020
	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: 01/13/2020	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/15/2020	Telephone: 602-771-2344
Date Made Active in Reports: 03/10/2020	Last EDR Contact: 03/20/2020
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/13/2020
	Data Release Frequency: Semi-Annually

AQUIFER: Waste Water Treatment Facilities

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

Date of Government Version: 03/02/2020	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/04/2020	Telephone: 602-771-4623
Date Made Active in Reports: 03/10/2020	Last EDR Contact: 04/29/2020
Number of Days to Update: 6	Next Scheduled EDR Contact: 08/24/2020
	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: 09/30/2019	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/20/2019	Telephone: 602-771-4360
Date Made Active in Reports: 01/23/2020	Last EDR Contact: 05/14/2020
Number of Days to Update: 64	Next Scheduled EDR Contact: 08/31/2020
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 08/20/2019
Number of Days to Update: 68

Source: Department of Environmental Quality
Telephone: 602-771-4686
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/31/2020
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: 03/12/2020
Next Scheduled EDR Contact: 06/29/2020
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: 01/03/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62

Source: Department of Environmental Quality
Telephone: 602-771-4380
Last EDR Contact: 03/02/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Varies

ENF: Enforcement and Violation Listing

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

Date of Government Version: 02/14/2020
Date Data Arrived at EDR: 02/18/2020
Date Made Active in Reports: 03/10/2020
Number of Days to Update: 21

Source: Department of Environmental Quality
Telephone: 602-771-4424
Last EDR Contact: 04/27/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for ust sites.

Date of Government Version: 01/17/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 03/10/2020
Number of Days to Update: 48

Source: Department of Environmental Quality
Telephone: 602-771-4258
Last EDR Contact: 03/23/2020
Next Scheduled EDR Contact: 07/06/2020
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: 03/12/2020
Next Scheduled EDR Contact: 06/29/2020
Data Release Frequency: Annually

NPDES: Notice of Intent Construction Stormwater General Permits Database

NPDES permit sites

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 01/31/2020
Date Made Active in Reports: 04/13/2020
Number of Days to Update: 73

Source: Department of Environmental Quality
Telephone: 602-771-4424
Last EDR Contact: 04/06/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VAPOR: Vapor Intrusion

A listing of vapor intrusion site locations

Date of Government Version: 10/17/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 12/13/2019
Number of Days to Update: 52

Source: Department of Environmental Quality
Telephone: 602-771-4197
Last EDR Contact: 03/20/2020
Next Scheduled EDR Contact: 06/29/2020
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: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
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: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/28/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/30/2020	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 01/30/2020	Telephone: 860-424-3375
Date Made Active in Reports: 03/09/2020	Last EDR Contact: 05/12/2020
Number of Days to Update: 39	Next Scheduled EDR Contact: 08/24/2020
	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: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/01/2019	Telephone: 518-402-8651
Date Made Active in Reports: 06/21/2019	Last EDR Contact: 04/29/2020
Number of Days to Update: 51	Next Scheduled EDR Contact: 08/10/2020
	Data Release Frequency: Quarterly

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2018	Source: Department of Environmental Management
Date Data Arrived at EDR: 10/02/2019	Telephone: 401-222-2797
Date Made Active in Reports: 12/10/2019	Last EDR Contact: 05/14/2020
Number of Days to Update: 69	Next Scheduled EDR Contact: 08/31/2020
	Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/19/2019	Telephone: N/A
Date Made Active in Reports: 09/03/2019	Last EDR Contact: 03/09/2020
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/22/2020
	Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

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

Electric Power Transmission Line Data

Source: Endeavor Business Media

This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 for 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

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

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

10.3-ACRES OF UNDEVELOPED LAND
SEC OF EAST BELL ROAD AND NORTH 94TH STREET
SCOTTSDALE, AZ 85260

TARGET PROPERTY COORDINATES

Latitude (North): 33.639091 - 33° 38' 20.73"
Longitude (West): 111.875166 - 111° 52' 30.60"
Universal Transverse Mercator: Zone 12
UTM X (Meters): 418837.1
UTM Y (Meters): 3722290.5
Elevation: 1563 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 6718001 CURRYS CORNER, AZ
Version Date: 2014

Northeast Map: 6718045 MCDOWELL PEAK, AZ
Version Date: 2014

Southeast Map: 6718073 SAWIK MOUNTAIN, AZ
Version Date: 2014

Southwest Map: 6718059 PARADISE VALLEY, AZ
Version Date: 2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

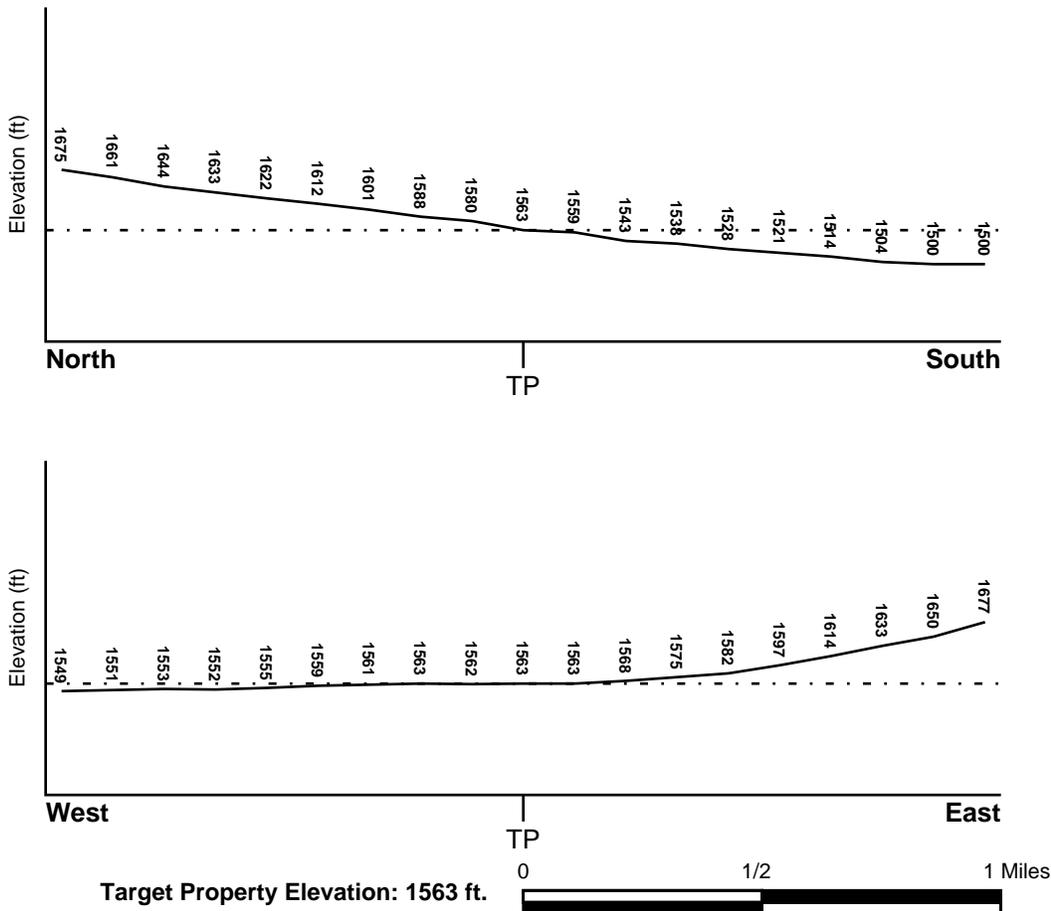
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
04013C1320L	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
04013C1340L	FEMA FIRM Flood data
04013C1760L	FEMA FIRM Flood data
04013C1780L	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

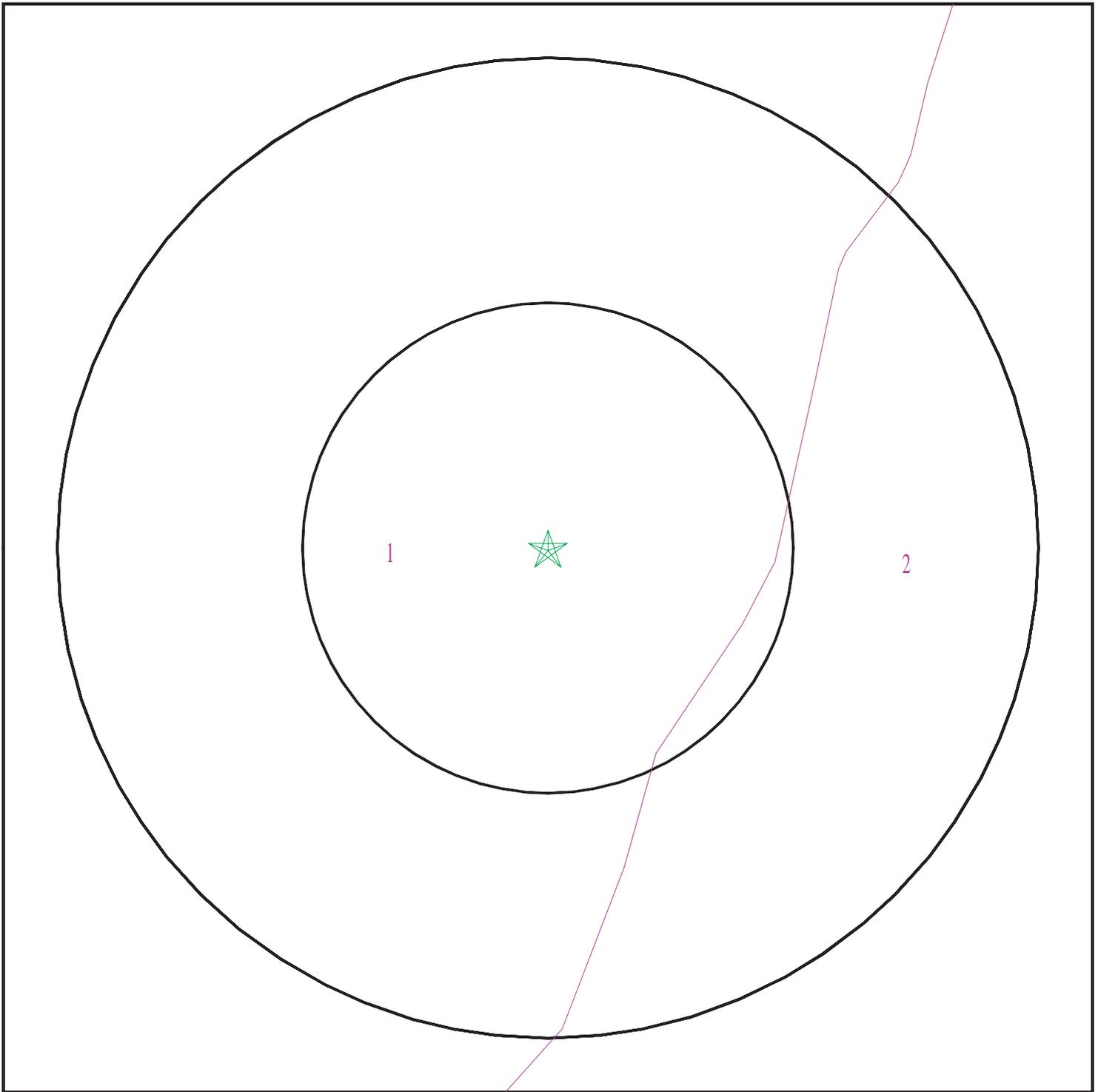
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6065142.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: 10.3-Acres of Undeveloped Land
ADDRESS: SEC of East Bell Road and North 94th Street
Scottsdale AZ 85260
LAT/LONG: 33.639091 / 111.875166

CLIENT: Ninyo & Moore
CONTACT: Dylan Funkner
INQUIRY #: 6065142.2s
DATE: May 15, 2020 12:19 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: MOMOLI

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	GC-GM	Max: 42 Min: 14	Max: 8.4 Min: 7.9
2	3 inches	59 inches	very gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	GC-GM	Max: 42 Min: 14	Max: 8.4 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: ANTHO

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.9
2	3 inches	59 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.9

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

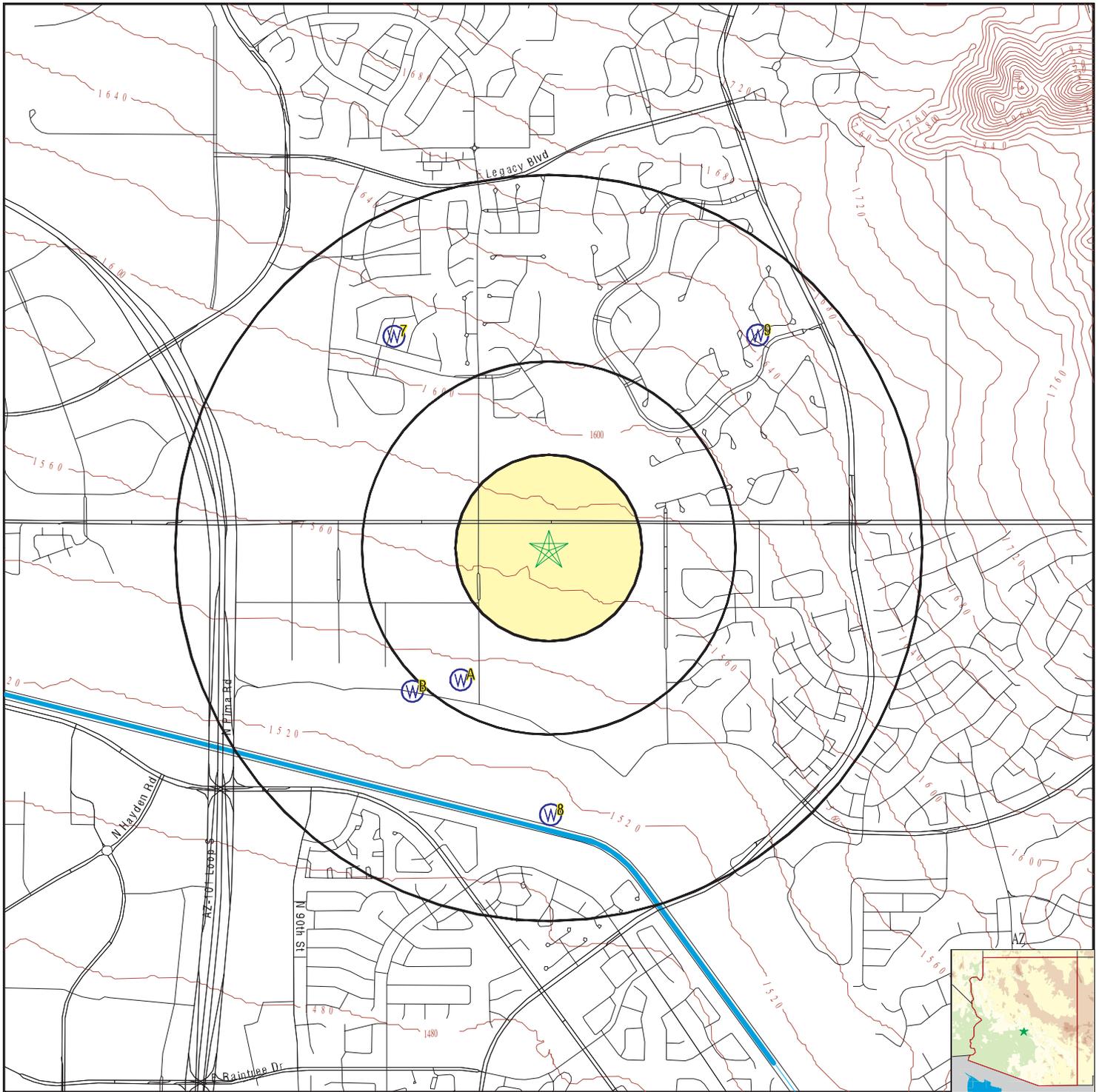
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

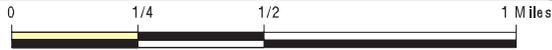
STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	AZ9000000102816	1/4 - 1/2 Mile SSW
A2	AZ9000000103727	1/4 - 1/2 Mile SSW
A3	AZ9000000102815	1/4 - 1/2 Mile SSW
A4	AZ9000000102814	1/4 - 1/2 Mile SSW
B5	AZ9000000092384	1/2 - 1 Mile SW
B6	AZDEQ1000001198	1/2 - 1 Mile SW
7	AZ9000000076447	1/2 - 1 Mile NW
8	AZ9000000010461	1/2 - 1 Mile South
9	AZ9000000076448	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 6065142.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: 10.3-Acres of Undeveloped Land
 ADDRESS: SEC of East Bell Road and North 94th Street
 Scottsdale AZ 85260
 LAT/LONG: 33.639091 / 111.875166

CLIENT: Ninyo & Moore
 CONTACT: Dylan Funkner
 INQUIRY #: 6065142.2s
 DATE: May 15, 2020 12:18 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
SSW
1/4 - 1/2 Mile
Lower

AZ WELLS AZ9000000102816

Database:	Arizona Well Registration Database	Registry ID:	574427
Well Type:	EXEMPT	Owner Name:	CITY OF SCOTTSDALE
Basin:	PHOENIX AMA	Subbasin:	EAST SALT RIVER VALLEY
Watershed:	SALT RIVER	AMA or INA:	PHOENIX
Program:	55	Driller License #:	363
Installed:	1999 624	Well Depth:	175
Water Level:	0	Casing Depth:	80
Casing Diameter:	4	Casing Type:	PLASTIC OR PVC
RGR Pump Data:	NO	Pump Type:	Not Reported
Pump Power:	Not Reported	Pump Rate:	0
Tested Rate:	0	Draw Down:	0
Drill Log:	X	Approved:	1999 430
Completion:	Not Reported	Cadastral:	A03005006ACD
Well Cancelled:	Not Reported		

A2
SSW
1/4 - 1/2 Mile
Lower

AZ WELLS AZ9000000103727

Database:	Arizona Well Registration Database	Registry ID:	573658
Well Type:	NON-EXEMPT	Owner Name:	SCOTTSDALE, CITY OF
Basin:	PHOENIX AMA	Subbasin:	EAST SALT RIVER VALLEY
Watershed:	SALT RIVER	AMA or INA:	PHOENIX
Program:	55	Driller License #:	185
Installed:	0	Well Depth:	0
Water Level:	0	Casing Depth:	0
Casing Diameter:	0	Casing Type:	Not Reported
RGR Pump Data:	NO	Pump Type:	Not Reported
Pump Power:	Not Reported	Pump Rate:	0
Tested Rate:	0	Draw Down:	0
Drill Log:	Not Reported	Approved:	1999 628
Completion:	Not Reported	Cadastral:	A03005006ACD
Well Cancelled:	Not Reported		

A3
SSW
1/4 - 1/2 Mile
Lower

AZ WELLS AZ9000000102815

Database:	Arizona Well Registration Database	Registry ID:	574426
Well Type:	EXEMPT	Owner Name:	CITY OF SCOTTSDALE
Basin:	PHOENIX AMA	Subbasin:	EAST SALT RIVER VALLEY
Watershed:	SALT RIVER	AMA or INA:	PHOENIX
Program:	55	Driller License #:	363
Installed:	1999 630	Well Depth:	178
Water Level:	0	Casing Depth:	80
Casing Diameter:	4	Casing Type:	PLASTIC OR PVC
RGR Pump Data:	NO	Pump Type:	Not Reported
Pump Power:	Not Reported	Pump Rate:	0
Tested Rate:	0	Draw Down:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drill Log:	X	Approved:	1999 430
Completion:	Not Reported	Cadastral:	A03005006ACD
Well Cancelled:	Not Reported		

**A4
SSW
1/4 - 1/2 Mile
Lower**

AZ WELLS AZ9000000102814

Database:	Arizona Well Registration Database	Registry ID:	574425
Well Type:	EXEMPT	Owner Name:	CITY OF SCOTTSDALE
Basin:	PHOENIX AMA	Subbasin:	EAST SALT RIVER VALLEY
Watershed:	SALT RIVER	AMA or INA:	PHOENIX
Program:	55	Driller License #:	363
Installed:	1999 7 2	Well Depth:	177
Water Level:	0	Casing Depth:	80
Casing Diameter:	4	Casing Type:	PLASTIC OR PVC
RGR Pump Data:	NO	Pump Type:	Not Reported
Pump Power:	Not Reported	Pump Rate:	0
Tested Rate:	0	Draw Down:	0
Drill Log:	X	Approved:	1999 430
Completion:	Not Reported	Cadastral:	A03005006ACD
Well Cancelled:	Not Reported		

**B5
SW
1/2 - 1 Mile
Lower**

AZ WELLS AZ9000000092384

Database:	Arizona Well Registration Database	Registry ID:	561720
Well Type:	OTHER	Owner Name:	SCOTTSDALE, CITY OF,
Basin:	PHOENIX AMA	Subbasin:	EAST SALT RIVER VALLEY
Watershed:	SALT RIVER	AMA or INA:	PHOENIX
Program:	55	Driller License #:	314
Installed:	1997 4 7	Well Depth:	1375
Water Level:	420	Casing Depth:	0
Casing Diameter:	0	Casing Type:	NO CASING CODE LISTED
RGR Pump Data:	NO	Pump Type:	NO PUMP CODE LISTED
Pump Power:	NO POWER CODE LISTED	Pump Rate:	0
Tested Rate:	0	Draw Down:	0
Drill Log:	N	Approved:	0
Completion:	N	Cadastral:	A03005006ACC
Well Cancelled:	Not Reported		

**B6
SW
1/2 - 1 Mile
Lower**

AZ WELLS AZDEQ1000001198

Database:	Water Well Information	DWR #:	Not Reported
DEQ Well #:	006486	Agency:	ADEQ
Agency Well #:	006486	Location Descrip:	Not Reported
Station Alt Name:	SALT RIVER PROJECT 30.5E-	Well Depth:	705
Drill Depth:	0	Start Date:	0
Basin:	PHX	Notes:	Not Reported
Well Type:	W	Aquifer Type:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Use: V Watershed: MIDDLE GILA

**7
NW
1/2 - 1 Mile
Higher**

AZ WELLS AZ9000000076447

Database:	Arizona Well Registration Database	Registry ID:	544169
Well Type:	OTHER	Owner Name:	SCOTTSDALE, CITY OF,
Basin:	PHOENIX AMA	Subbasin:	EAST SALT RIVER VALLEY
Watershed:	SALT RIVER	AMA or INA:	PHOENIX
Program:	55	Driller License #:	473
Installed:	1994 616	Well Depth:	358
Water Level:	0	Casing Depth:	0
Casing Diameter:	0	Casing Type:	NO CASING CODE LISTED
RGR Pump Data:	NO	Pump Type:	NO PUMP CODE LISTED
Pump Power:	NO POWER CODE LISTED	Pump Rate:	0
Tested Rate:	0	Draw Down:	0
Drill Log:	X	Approved:	0
Completion:	N	Cadastral:	A04005031000
Well Cancelled:	Y		

**8
South
1/2 - 1 Mile
Lower**

AZ WELLS AZ9000000010461

Database:	Arizona Well Registration Database	Registry ID:	206894
Well Type:	MONITOR	Owner Name:	CENTRAL ARIZONA PROJECT
Basin:	PHOENIX AMA	Subbasin:	EAST SALT RIVER VALLEY
Watershed:	SALT RIVER	AMA or INA:	PHOENIX
Program:	55	Driller License #:	314
Installed:	2005 618	Well Depth:	660
Water Level:	245	Casing Depth:	415
Casing Diameter:	3	Casing Type:	STEEL - PERFORATED OR SLOTTED CASING
RGR Pump Data:	NO	Pump Type:	Not Reported
Pump Power:	Not Reported	Pump Rate:	0
Tested Rate:	0	Draw Down:	0
Drill Log:	X	Approved:	2005 3 7
Completion:	Not Reported	Cadastral:	A03005006DDA
Well Cancelled:	Not Reported		

**9
NE
1/2 - 1 Mile
Higher**

AZ WELLS AZ9000000076448

Database:	Arizona Well Registration Database	Registry ID:	544170
Well Type:	OTHER	Owner Name:	SCOTTSDALE, CITY OF,
Basin:	PHOENIX AMA	Subbasin:	EAST SALT RIVER VALLEY
Watershed:	SALT RIVER	AMA or INA:	PHOENIX
Program:	55	Driller License #:	473
Installed:	1994 616	Well Depth:	53
Water Level:	0	Casing Depth:	0
Casing Diameter:	0	Casing Type:	NO CASING CODE LISTED
RGR Pump Data:	NO	Pump Type:	NO PUMP CODE LISTED

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump Power: NO POWER CODE LISTED
Tested Rate: 0
Drill Log: X
Completion: N
Well Cancelled: Y

Pump Rate: 0
Draw Down: 0
Approved: 0
Cadastral: A04005032000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: AZ Radon

Radon Test Results (pCi/L)

Zip	City	Result (pCi/L)
85260	SCOTTSDALE	= 2.00
85260	SCOTTSDALE	= 2.10
85260	SCOTTSDALE	= 2.20
85260	SCOTTSDALE	= 2.30
85260	SCOTTSDALE	= 2.50
85260	SCOTTSDALE	= 3.20

Federal EPA Radon Zone for MARICOPA County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 85260

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.200 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: Riparian Vegetation Associated with Perennial Waters

Source: State Land Department

Telephone: 602-542-4094

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Arizona Well Registration Database

Source: Department of Water Resources

Telephone: 602-771-8535

The Wells database contains all wells registered in the state.

Water Well Information

Agency: Department of Environmental Quality

Telephone: 602-771-2300

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Source: Arizona Geological Survey

Telephone: 520-770-3500

This database contains Oil and Gas wells in the State of Arizona. Includes all wells that have been permitted by the State Oil and Gas Conservation Commission (OGCC). Gas wells include natural gas, helium, and carbon dioxide wells.

RADON

State Database: AZ Radon

Source: Arizona Radiation Regulatory Agency

Telephone: 602-255-4845

State Indoor Radon Survey

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

**Appendix H -
Vapor Encroachment Screening Matrix**

Vapor Encroachment Screening Matrix

Phase I ESA Vapor Encroachment Conditions (VEC) matrix includes a (1) Search Radius Test, (2) Chemicals of Concern Test (COC), and (3) a Critical Distance Test [1].

(1) Search Radius Test: Are there any known or suspect contaminated properties in the primary area of concern within the corresponding search radii (including the site)?

- Yes No If *No*, then screening for a VEC is complete and no VEC *currently* exists, go to #4. If *Yes*, then:

(2) Chemicals of Concern Test: Are COC likely to be present within the area of concern for those known or suspect contaminated sites identified based on the Search Distance Test?

- Yes No If *No*, then screening for a VEC is complete and no VEC *currently* exists, go to #4. If *Yes*, then:

(3) Critical Distance Test*: A plume test to determine whether or not COC in the contaminated plume(s) may be within the critical distance.

- Yes No (3a) Is information related to the contaminated(s) plume available (i.e. iso-concentration maps, site drawings, etc.)?
(3b) If *No*, then a VEC cannot be ruled out; check *Yes* in #4 below indicating it is likely a VEC exists. If *Yes*, then:
(3c) Is the site less than 100 feet to the nearest edge of a contaminated [non-petroleum hydrocarbon] plume(s)? If *Yes*, then check *Yes* in #4 below indicating it is likely a VEC exists.
(3d) Is the site less than 30 feet to the nearest edge of a dissolved petroleum hydrocarbon plume(s)? If *Yes*, then check *Yes* in #4 below indicating it is likely a VEC exists.

*If the distance from the nearest edge of a contaminated plume to the nearest existing or planned structure on the site is less than 100 feet for non-petroleum hydrocarbon COC, or less than 30 feet for dissolved petroleum hydrocarbons, then it is presumed that a VEC *currently* exists beneath the site. If the distance from the nearest edge of the contaminated plume is greater than or equal to 100 feet for non-petroleum hydrocarbons, or 30 feet for dissolved petroleum hydrocarbon chemicals of concern, then it is presumed unlikely that a VEC *currently* exists beneath the site.

(4) Is it likely that a VEC *currently* exists beneath the site?

- Yes No If *No*, then the VEC screening is complete and no further investigation is recommended at this time. If *Yes*, Ninyo & Moore recommends performing additional assessment, such as a Tier 2 VEC assessment according to ASTM E 2600-10.

[1] Based on guidance presented in the ASTM E 2600-10 Standard.