



Geotechnical \* Environmental \* Materials Engineering

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Providing Services in the United States and Internationally URL: WWW.GTIAZ.COM

PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA) FOR THE 274± ACRES AT THE

# ALORAVITA SOUTH PARCELS 1,2,10-15

Located off the Northwest Corner of West Happy Valley Road and North 77<sup>th</sup> Lane  
Peoria, Maricopa County, Arizona 85383

April 1, 2024

AAI Date: February 26, 2024

AAI Expiration Date: August 24, 2024

GTI Project No. 247752E



Prepared by:

**GEOTECHNICAL TESTING & INPECTIONS, LLC (GTI)**

7650 East Redfield Road, Suite "D-7"

Scottsdale, Arizona 85260

[www.gtiaz.com](http://www.gtiaz.com)



Prepared for:

**COE & VAN LOO CONSULTANTS (CLIENT) &  
ARIZONA STATE LAND DEPARTMENT (USER)**

4550 North 12<sup>th</sup> Street

Phoenix, Arizona 85014





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April 1, 2024

GTI Project No. 247752E

To: **COE & VAN LOO CONSULTANTS (CLIENT)**  
4550 North 12<sup>th</sup> Street  
Phoenix, Arizona 85014



Attention: **Mr. Ryan Weed**

Subject: Report of a Phase I Environmental Site Assessment (ESA) for the 274± Acres at the **ALORAVITA SOUTH PARCELS 1,2,10-15** located off the Northwest Corner of West Happy Valley Road and North 77<sup>th</sup> Lane, Peoria, Maricopa County, Arizona, 85383.

Dear Mr. Weed:

In accordance with your request and authorization, Geotechnical Testing & Inspections, LLC (**GTI**) has completed the Phase I Environmental Site Assessment (ESA) for the Subject Property. This report was prepared for **COE & VAN LOO CONSULTANTS (CLIENT) & ARIZONA STATE LAND DEPARTMENT (USER)**. The work was completed in general accordance with GTI's Proposal No. JMJ247626E dated February 26, 2024.

The Phase I Environmental Site Assessment (ESA) is a general characterization of environmental concerns based on readily available information and site observations. GTI has performed this Phase I ESA in general conformance with the scope and limitations of ASTM Practice E-1527-21 for the Subject Property. Any exceptions to, or deletions from this practice are described in Section 1.4 of this report, Limitations and Exceptions of Assessment. The primary purpose for this Phase I Environmental Site Assessment (ESA) was to determine the potential for the presence of hazardous materials/waste contamination at the Subject Property, and to determine whether or not any "*Recognized Environmental Conditions (REC)*" exist at the Subject Property. It was *not* the purpose of the Phase I study to determine the actual presence, degree, or extent of contamination, if any, on the Subject Property.

The services performed by GTI on this project have been conducted with that level of care and skill ordinarily exercised by reputable members of the profession, practicing in the same locality, under similar budget and time restraints. No other warranty is expressed or intended.

This report is exclusively for the use and benefit of **COE & VAN LOO CONSULTANTS (CLIENT) & ARIZONA STATE LAND DEPARTMENT (USER)** and may not be relied upon by other persons or entities without written permission from GTI and/or the Client. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and the use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said users.

**Phase I Environmental Site Assessment (ESA)**  
**COE & VAN LOO CONSULTANTS (CLIENT)**  
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The findings and opinions are relevant to the dates of GTI's site work and should not be relied on to represent conditions at substantially later dates.

ASTM Practice E-1527-21, Section 4.6.3 states that the Phase I Environmental Site Assessment (ESA) must be:

*Conducted or updated within 180 days of and prior to the date of acquisition of the Subject Property, and all other components of all appropriate inquiries must be conducted within one year prior to the date of acquisition of the Subject Property. The date of the report generally does not represent the date the individual components of all appropriate inquiries were completed and should not be used when evaluating compliance with the 180-day or 1-year all appropriate inquiries requirements. After that time, the Phase I Report will have to be updated.*

The opinions included herein are based on information obtained during this environmental study and GTI's experience. If additional information becomes available which might impact GTI's environmental conclusions, GTI requests the opportunity to review the information, reassess the potential concerns, and modify GTI's opinion, if warranted. As this assessment included a review of reports prepared by other consultants, it must be recognized that GTI has no responsibility for the accuracy of information contained therein. Although this assessment has attempted to identify the potential for contamination of the Subject Property, potential sources of contamination may have escaped detection due to:

- (1) the limited scope of this assessment,*
- (2) the inaccuracy of public records, and*
- (3) the presence of undetected and unreported environmental accidents.*

**This Environmental Site Assessment (ESA) has revealed NO evidence of Recognized Environmental Conditions (REC) in connection with the Subject Property.**

To the best of GTI's professional knowledge and belief, GTI's professional staff meet the definition of *environmental professionals* as defined in §312.10 of 40 CFR §312. GTI technical staff has the specific qualifications based on education, training, and experience to assess a Subject Property of the nature, history, and setting of the Subject Property. GTI has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



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If you have any questions pertaining to this report or any other matter, please do not hesitate to call GTI at (480) 659-6630. GTI appreciates the opportunity to be of service to you.

Sincerely,

**Geotechnical Testing & Inspections, LLC (GTI)**

A handwritten signature in blue ink that reads "Randy Smith".

Randy Smith, P.E.  
Environmental Department Manager



Reviewed by:

A handwritten signature in blue ink that reads "Peter Fleming".

Dr. Peter Fleming, P.E.  
President



**Phase I Environmental Site Assessment (ESA)**  
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**EXECUTIVE SUMMARY**

Geotechnical Testing & Inspections, LLC (GTI) was retained to conduct a Phase I Environmental Site Assessment (ESA) for the 274± Acres at the **ALORAVITA SOUTH PARCELS 1,2,10-15** located off the Northwest Corner of West Happy Valley Road and North 77<sup>th</sup> Lane, Peoria, Maricopa County, Arizona, 85383.

At the time of GTI's site reconnaissance, the Subject Property was predominantly undeveloped native desert land with North 83<sup>rd</sup> Avenue starting from the northwest corner of the Subject Property and curving through to the southwest corner of the Subject Property. There several ground-mounted electrical transformers positioned along North 83<sup>rd</sup> Avenue ( *Figure 6 in Section 2.1.5* ). The Rock Creek washes crosses the Subject Property moving from north to south ( *Figure 7 in Section 2.1.7.* ). GTI received a Land Use Plan of the Subject Property prepared by *Cardno WRG*, dated July20, 2011 ( *Figure 5 in Section 2.1.1.* ).

As part of the Phase I Environmental Site Assessment (ESA), GTI reviewed the following information for Recognized Environmental Conditions (REC).

ENVIRONMENTAL ITEMS	CONCERN		DETAILS
	YES	NO	
<i>Previous Report Review</i>	-	✓	<i>Section 1.5</i>
<i>General Site Description</i>	-	✓	<i>Section 2.1.1</i>
<i>Water Features</i>	-	✓	<i>Section 2.1.7</i>
<i>Pesticides and Herbicides</i>	-	✓	<i>Section 2.1.8</i>
<i>Area Reconnaissance</i>	-	✓	<i>Section 2.2</i>
<i>Groundwater</i>	-	✓	<i>Section 3.2.1</i>
<i>Flood Plains</i>	-	✓	<i>Section 3.2.2</i>
<i>Surface Water</i>	-	✓	<i>Section 3.2.3</i>
<i>Historical Aerial Photograph Review</i>	-	✓	<i>Section 4.1</i>
<i>Governmental Database Search</i>	-	✓	<i>Section 6.1</i>
<i>Water Wells</i>	-	✓	<i>Section 6.2</i>

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According to the Maricopa County Assessor's Office the Subject Property consists 274± Acres within two (2) Parcels. These Parcels are discussed in Section 2.1.1 of this Report.

Historical aerial photographs indicate the Subject Property was undeveloped native desert land with several washes going back prior to 1940 (*earliest available historical aerial photograph*). In 1949 a small water reservoir and some off road trails can be seen at the Subject Property. North 83<sup>rd</sup> Avenue road alignment would begin around 2000 and be completed by 2002. The Subject Property would remain relatively unchanged from 2002 up to the present. As the Subject Property has not been used for agricultural purposes, agrochemical contamination is not a concern at the Subject Property.

The Phase I ESA for the Subject Property represents the product of GTI's professional expertise and judgement in the environmental consulting industry.

This Phase I ESA was conducted in accordance with the following:

- (1) *The United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries {(AAI), 40 CFR Part 312} and*
- (2) *Guidelines established by the American Society for Testing and Materials (ASTM) in the Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E-1527-21 (ASTM Standard Practice E-1527-21).*

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify the following with the intent to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations to CERCLA liability:

- ***Current Recognized Environmental Conditions (REC),***
- ***Historical Recognized Environmental Conditions (HREC), and***
- ***Controlled Recognized Environmental Conditions (CREC).***

During the course of this Phase I Environmental Site Assessment (ESA), the Subject Property **was** identified two (2) times in the governmental database search. There were a total of eight (8) environmental listings identified within the minimum ASTM search distances. As there are no violations associated with these listings, they do not pose a REC to the Subject Property, for more detailed information on these environmental listings see section 6.0 of this report.

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This Phase I Environmental Site Assessment (ESA) concluded the following:

- **Current Recognized Environmental Conditions (REC)**

*A 'Recognized Environmental Condition (REC)' as defined in the ASTM Standard, is (1) the presence of hazardous substances or petroleum products in, on or at the Subject Property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on or at the Subject Property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on or at the Subject Property under conditions that pose a material threat of a future release to the environment." De-minimis conditions are not recognized environmental conditions." **This assessment has revealed NO evidence of Recognized Environmental Conditions (REC) at the Subject Property.***

- **Historical Recognized Environmental Conditions (HREC)**

*A 'Historical REC (HREC)' as defined in the ASTM Standard, is a previous release of hazardous substances or petroleum products affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities, without subjecting the Subject Property to any controls (for example activity and use limitations, or other property use limitations). **This assessment has revealed NO evidence of Historical Recognized Environmental Conditions (HREC) at the Subject Property.***

- **Controlled Recognized Environmental Conditions (CREC)**

*A 'Controlled REC (CREC)' as defined in the ASTM Standard, is a recognized environmental condition affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of controls (for example, activity and use limitations or other property use limitations). **This assessment has revealed NO evidence of Controlled Recognized Environmental Conditions (CREC) at the Subject Property.***



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**GTI has performed a Phase I Environmental Site Assessment (ESA), in general conformance with the scope and limitations of ASTM Practice E-1527-21, for the 274± Acres at the **ALORAVITA SOUTH PARCELS 1,2, 10-15**, located off the northwest corner of West Happy Valley Road and North 77<sup>th</sup> Lane, Peoria, Maricopa County, Arizona 85383. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report.**

**This Environmental Site Assessment (ESA) has revealed NO evidence of Recognized Environmental Conditions (REC), Historical Recognized Environmental Conditions (HREC) or Controlled Recognized Environmental Conditions (CREC) in connection with the Subject Property.**

**Based on GTI's site reconnaissance, governmental database records review, and conversations with people familiar with the Subject Property, GTI does not believe any additional environmental testing or studies are needed at the Subject Property at this time.**

\*\*\*\*\*

*Detailed Information is Provided in the Report*

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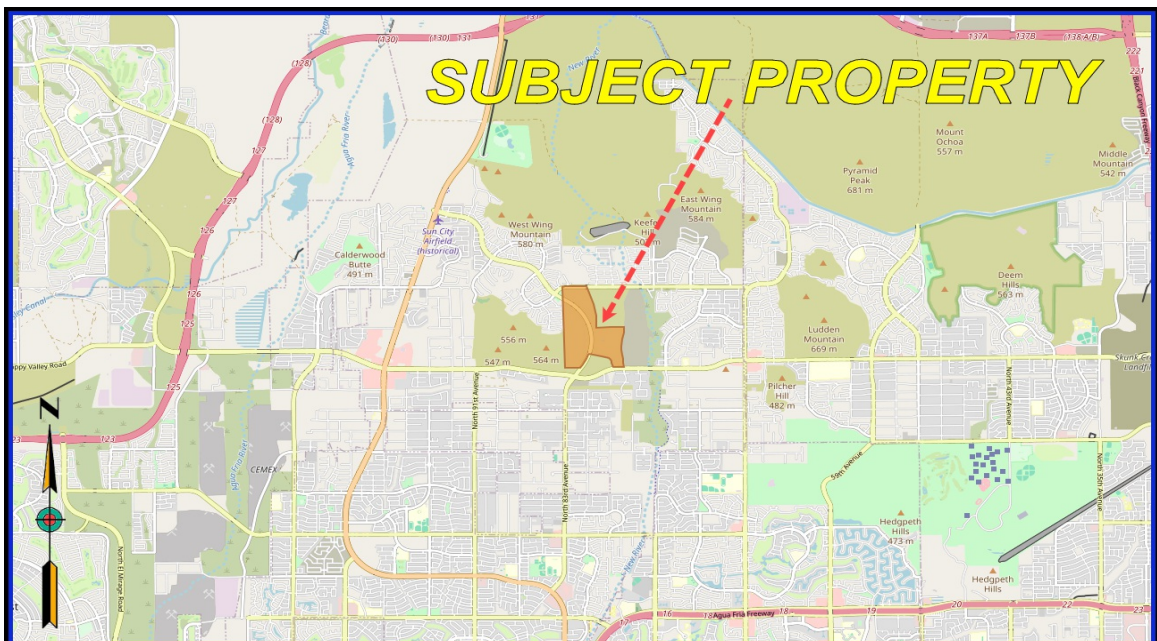
**1.0 INTRODUCTION**

The Phase I ESA for the Subject Property represents the product of GTI's professional expertise and judgement in the environmental consulting industry. This Phase I Environmental Site Assessment (ESA) was conducted in general accordance with:

- (1) *The United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries {(AAI), 40 CFR Part 312} and*
- (2) *Guidelines established by the American Society for Testing and Materials (ASTM) in the Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process/Designation E-1527-21 (ASTM Standard Practice E-1527-21).*

**1.1 Authorization and Site Location**

In accordance with your request and authorization, Geotechnical Testing & Inspections, LLC (GTI) has completed this Phase I Environmental Site Assessment (ESA) report for the 267± Acres at **ALORAVITA SOUTH PARCELS 1,2, 10-15**. The Subject Property is located within the west half of Section 2, Township 4 North, Range 1 East of the Gila and Salt River Base and Meridian, Peoria, Maricopa County, Arizona. A location and general vicinity map of the Subject Property is shown on Figure 1. Aerial photographs of the Subject Property and surrounding area are shown on Figure 2 and Figure 3.



*Figure 1 - Subject Property and General Vicinity Map*



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*Figure 2 - Aerial Photograph Looking Southwest at the Subject Property*



*Figure 3 - Aerial Photograph Looking Southeast at the Subject Property*



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## 1.2 Purpose

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify the following with the intent to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations to CERCLA liability:

- ***Current Recognized Environmental Conditions (REC),***
- ***Historical Recognized Environmental Conditions (HREC), and***
- ***Controlled Recognized Environmental Conditions (CREC).***

According to GTI's client, this Phase I ESA was conducted as part of an environmental due diligence related to purchasing the Subject Property.

While completion of a Phase I ESA is intended to constitute one of the requirements of all appropriate inquiry for purposes of Comprehensive Environmental Response Compensation and Liability Act (*CERCLA*) liability protections, it is not intended its use be limited to that purpose.

This practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser on CERCLA liability (hereinafter, the "*landowner liability protections, ' or 'LLPs'*"); that is, the practice constitutes all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practice as defined at *42 U.S.C. §9601(35)(B)*.

In addition, other properties within the approximate minimum search distance of the Subject Property, as specified by the ASTM document E-1527-21, Standard Practice for Environmental Site Assessments: *Phase I Environmental Site Assessment Process are examined for their possible environmental impact to the Subject Property.*

Figure 4 shows a Simplified REC logic flow chart to determine if the Subject Property results in a REC.

The scope consists of the following categories of work activities designated to meet the CERCLA/SARA appropriate inquiry responsibilities for a Phase I Environmental Site Assessment:



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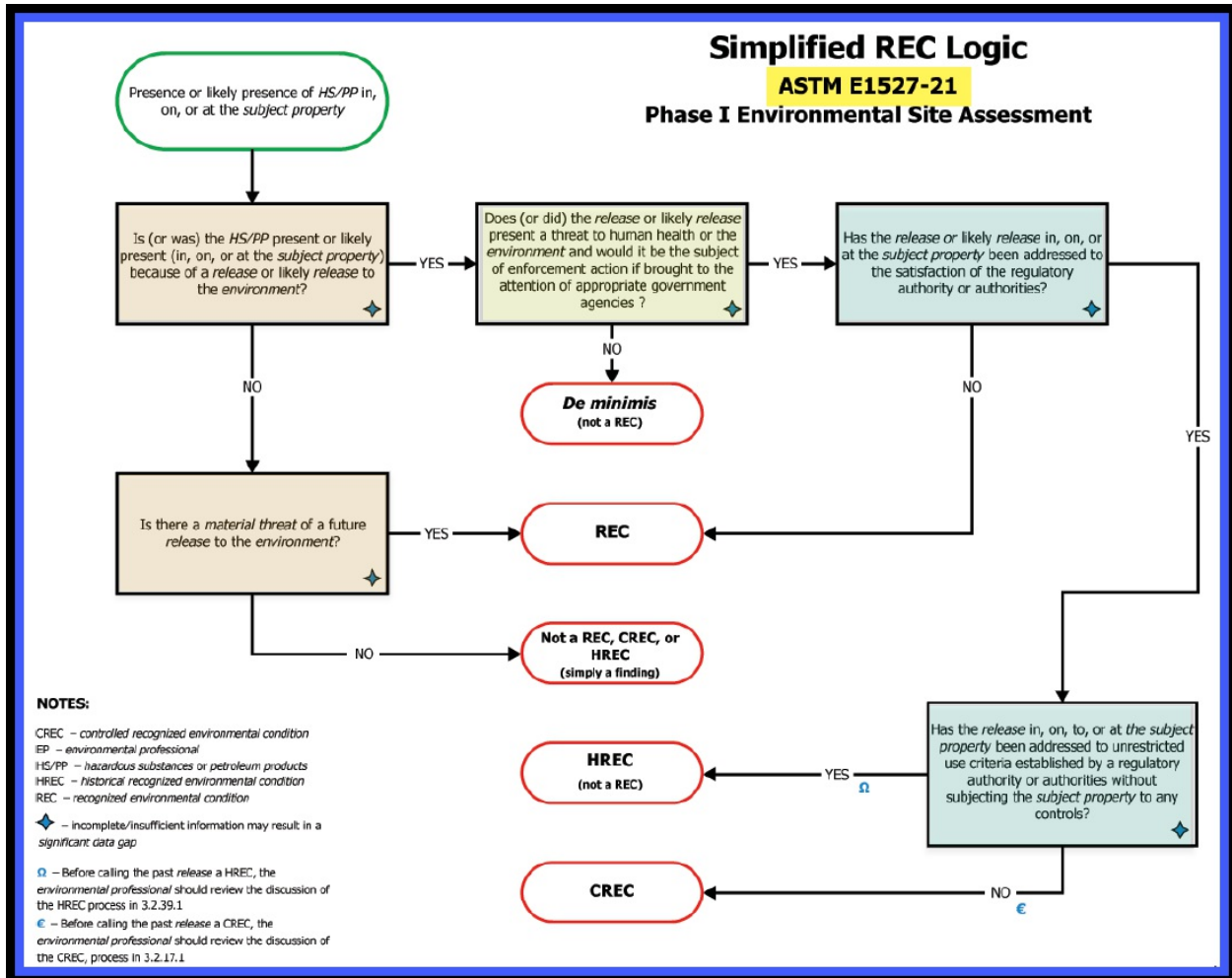


Figure 4 - Simplified REC Logic Flow Chart Provided by ASTM E-1527-21

1. A review of project information provided by the client, including historical geotechnical and environmental reports for the Subject Property;
2. A site reconnaissance of the Subject Property and surrounding areas to visually assess current site utilization, and to check for indications of potential surface contamination;
3. A review of readily available historical aerial photographs, site maps, soil maps, street directories, historical fire insurance (*Sanborn*) maps, site drainage and other sources to evaluate past land uses;
4. An evaluation of the Subject Property's soil characteristics, and hydrogeologic setting;

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5. Interview with appropriate and reasonably available individuals knowledgeable about the Subject Property and environmental factors in the area of the Subject Property;
6. A review of the Subject Property's historical land utilization for indications of potential contamination or sources of contamination;
7. A review of government documents and interviews with appropriate government agencies concerning available pertinent environmental information for the Subject Property or within various radii of the Subject Property;
8. Preparation of this report, which relates the findings of these studies and presents GTI's conclusions and recommendations.

### **1.3 Special Terms and Conditions**

This Phase I Environmental Site Assessment (ESA) report has been prepared for **COE & VAN LOO CONSULTANTS (CLIENT) & ARIZONA STATE LAND DEPARTMENT (USER)** and is subject to the terms and conditions of the contract. No other person or entity may rely on this report without prior written consent from Geotechnical Testing & Inspections, LLC (**GTI**) or the Client. The conclusions and recommendations of this report are based solely on the information gathered as a result of performing the Phase I Environmental Site Assessment scope and work processes. The report reflects historical information and site conditions with respect to the Subject Property which existed at the time of completion of this report. Future changes in the site conditions of the Subject Property and future information generated regarding the Subject Property may result in a need to re-assess the environmental aspects of the Subject Property.

This report is held in the strictest confidence. Reproduction of this document requires the written permission of GTI and the Client. Duplication of this report for third party use is forbidden unless written approval is given by both the Client and GTI. Third parties may purchase this report with written consent from the Client, upon completion of a Letter of Reliance agreement with GTI.

### **1.4 Limitations and Exceptions of Assessment**

A Phase I Environmental Site Assessment (ESA) by definition is limited to the scope as outlined in the ASTM document E-1527-21, Standard Practice for Environmental Assessments: *Phase I Environmental Site Assessment Process*. Information sources used for this Phase I Environmental Site Assessment are limited to the following:

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- *Visual assessment made during the site reconnaissance.*
- *Interviews with persons knowledgeable about the Subject Property, including owners, operators, and governmental officials.*
- *Review of available public environmental databases.*
- *Review of available aerial photographs.*
- *Review the USGS 7.5 Minute Topographical Map.*
- *Review of Fire Insurance Map*
- *Review of City Directories*
- *Review of readily available historical reports prepared for the Subject Property.*

Subjects not addressed by this report are as follows:

- *Hazardous or toxic materials and/or chemicals not presently regulated by federal, state, and local government agencies.*
- *Hazardous or toxic substances that occur naturally in air, soil, and/or water.*
- *Toxicity of substances found in residential environments (i.e. stored household products and miscellaneous building materials).*
- *Additional non-scope considerations are listed below:*

1. Asbestos-Containing Building Materials
2. Biological agents
3. Cultural and historic resources
4. Ecological resources
5. Endangered species
6. Health and safety
7. Indoor air quality unrelated to releases of hazardous substances of petroleum products in the environment
8. Industrial hygiene
9. Lead-Based Paint
10. Lead in Drinking Water
11. Mold or Microbial Growth conditions
12. PCB-containing building Material
13. Naturally-occurring Radon
14. Regulatory compliance
15. Substances not defined as hazardous substances
16. Wetlands

During GTI's site reconnaissance, materials on the Subject Property were not disturbed and underlying conditions were not observed. No physical environmental subsurface exploration was conducted at the Subject Property.

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It should be noted that this Phase I ESA does not include ASTM E-2600-10 “*Standard Guide for Vapor Encroachment Screening on Subject Property Involved in Real Estate Transactions*”. For assessment of potential “*Vapor Encroachment Conditions*” (VEC) and to determine if a “*Vapor Intrusion Condition*” (VIC) exists at this Subject Property. No such request were made by the Client at this time. GTI can be retained to provide this service, if desired.

American Society for Testing Materials Standard Practice E-1527-21, Section 4.5.1, notes the following limiting concepts inherent in the use of Phase I Site Assessments should be understood by those who use Phase I reports:

- (1) No environmental site assessment can wholly eliminate uncertainty regarding the potential for Recognized Environmental Conditions in connection with a Subject Property.*
- (2) All appropriate inquiries does not mean an exhaustive assessment of the Subject Property.*

There is a point at which the cost of information obtained or the time required to gather it outweighs the usefulness of the information. One of the purposes of ASTM specification E-1527-21 is to identify a balance between competing goals of limiting cost and time demands and the reduction of uncertainty about unknown conditions resulting from additional information.

## **1.5 Reviewed Reports Provided by Client or Available in GTI’s Library**

As part of GTI’s Phase I Environmental Site Assessment (ESA), GTI typically reviews historical geotechnical and/or environmental reports provided to GTI by the client or available in GTI’s files. GTI reviewed the following reports:

- ***July 31, 2015 - Geotechnical Post-Tensioned Slab Recommendations for Terramar Cove Development***, - The report was prepared by Geotechnical Testing & Inspections (GTI) as Project No. 154021G. The report was prepared for **Courtland Communities**.
- ***April 27, 2018 - Phase I Environmental Site Assessment for Aloravita Development - Parcel 8***, - The report was prepared by Geotechnical Testing & Inspections (GTI) as Project No. 185021E. The report was prepared for **Ashton Woods**. “*This assessment has revealed NO evidence of recognized environmental conditions in connection with the Subject Property.*”

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- **January 15, 2019 - Phase I Environmental Site Assessment for Aloravita South Development - Parcel 3-8**, - The report was prepared by Geotechnical Testing & Inspections (GTI) as Project No. 195738E. The report was prepared for **Ashton Woods, Taylor Morrison & Lennar**. *“This assessment has revealed NO evidence of recognized environmental conditions in connection with the Subject Property.”*
- **March 28, 2022 - Phase I Environmental Site Assessment for Aloravita South Development - Parcel 3-8**, - The report was prepared by Geotechnical Testing & Inspections (GTI) as Project No. 226845E. The report was prepared for **Ashton Woods - Phoenix Division & LT Aloravita, LLC & Arroyo Cap III-1, a Delaware Limited Liability Company**. *“This assessment has revealed NO evidence of recognized environmental conditions in connection with the Subject Property.”*
- **January 2, 2024 - Phase I Environmental Site Assessment for Aloravita South Development - Parcel 3-8**, - The report was prepared by Geotechnical Testing & Inspections (GTI) as Project No. 237628E. The report was prepared for **Ashton Woods - Arizona, LLC & Taylor Morrison/Arizona Inc. & Jen Arizona 69, LLC**. *“This assessment has revealed NO evidence of recognized environmental conditions in connection with the Subject Property.”*

## **2.0 DESCRIPTION AND RECONNAISSANCE OBSERVATIONS**

An experienced GTI environmental Project Manager conducted a site and border zone area reconnaissance of the Subject Property and the readily accessible areas of the adjacent parcels. GTI’s site reconnaissance did not include an inspection of existing nearby structures. The primary purpose of the site reconnaissance was to observe visual indications of present or past activities, which have or could have contributed to contamination on the Subject Property, and to interview people familiar with the Subject Property. The site reconnaissance was conducted on foot and by drone, while the area reconnaissance was conducted by use of a vehicle and drone. Details of GTI’s site and border zone area reconnaissance are provided in the following sections.

### **2.1 Site/Project Description and Reconnaissance**

#### **2.1.1 General**

A site reconnaissance was performed on March 6, 2023 by a GTI Project Manager, experienced in conducting Environmental Site Assessments. At the time of GTI’s site reconnaissance, the Subject Property was predominantly undeveloped native desert land with



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North 83<sup>rd</sup> Avenue starting from the northwest corner of the Subject Property and curving through to the southwest corner of the Subject Property. There several ground-mounted electrical transformers positioned along North 83<sup>rd</sup> Avenue ( *Figure 6 in Section 2.1.5* ). The Rock Creek washes crosses the Subject Property moving from north to south ( *Figure 7 in Section 2.1.7.* ). GTI received a Land Use Plan of the Subject Property prepared by *Cardno WRG*, dated July20, 2011 which can be seen in Figure 5.

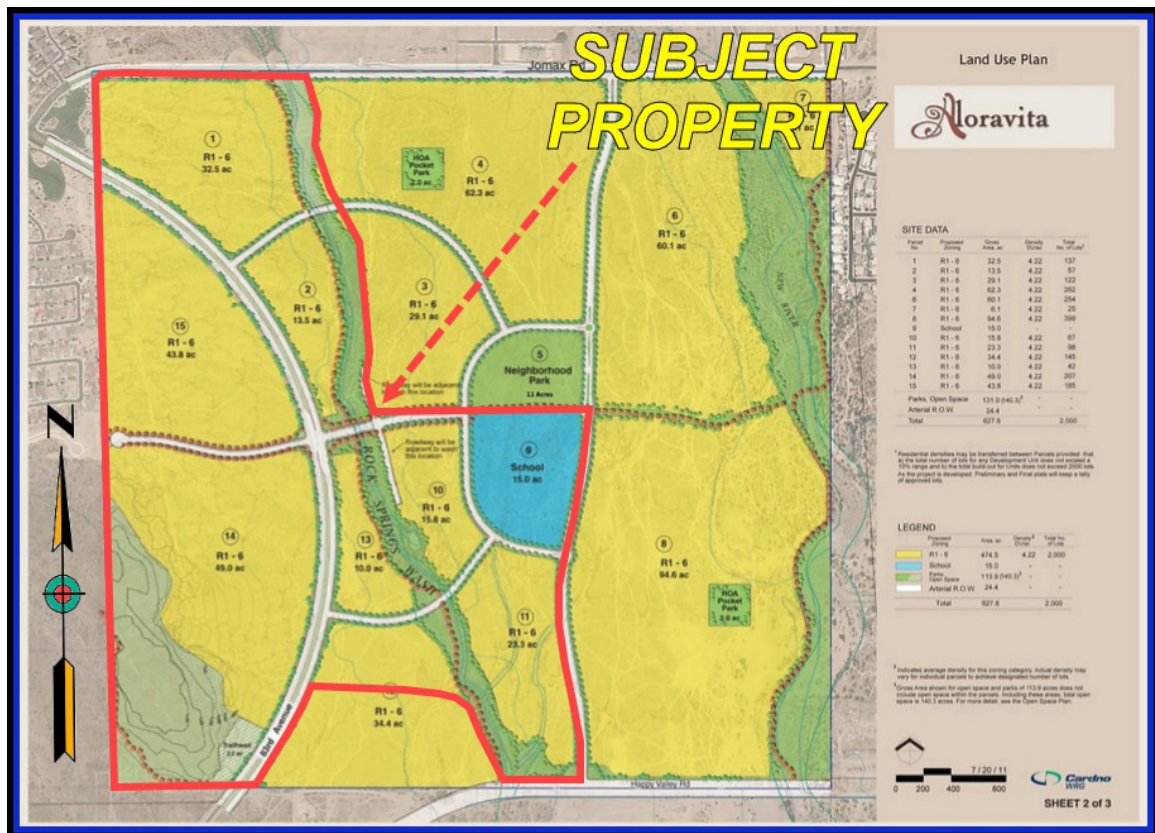


Figure 5 - Land Use Plan Prepared by Cardno WRG Dated 7/20/2011

Observations around the Subject Property are discussed below:

- **North** of the Subject Property is an arterial road (West Jomax Road) followed by the Rock Springs residential subdivisions, the Rock Creek Wash and undeveloped native desert land.
- **South** of the Subject Property is Trail Head commercial development and the arterial road (West Happy Valley Road) followed by the Vista Montana, Sunrise Vista and Caballos Del Rio residential subdivisions and the Rock Creek wash.

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- **East** of the Subject Property is undeveloped native desert, a collector road (North 77<sup>th</sup> Avenue) and portions of the Aloravita South Development followed by the New River wash and a residential subdivisions.
- **West** of the Subject Property is undeveloped native desert land, commercial development and the West Wing Mountain and Happy Valley 40 AMD Subdivisions.

According to the Maricopa County Assessor's Office the Subject Property consists of the following two (2) Parcels:

- **Parcel No. 201-20-967A (145± Acres)** - located within the Aloravita South subdivision. *This Parcel is Registered to Arizona State Land Department.*
- **Parcel No. 201-20-968 (129± Acres)** - located within the Aloravita South subdivision. *This Parcel is Registered to Arizona State Land Department.*

Historical aerial photographs indicate the Subject Property was undeveloped native desert land with several washes going back prior to 1940 (*earliest available historical aerial photograph*). In 1949 a small water reservoir and some off road trails can be seen at the Subject Property. North 83<sup>rd</sup> Avenue road alignment would begin around 2000 and be completed by 2002. The Subject Property would remain relatively unchanged from 2002 up to the present.

### **2.1.2 Photographic Records & Aerial Video Recordings**

Numerous representative color photographs and aerial video recordings have been taken of the overall Subject Property. These photographs and aerial video recordings are in GTI's files and available for viewing, if desired. Select photographs are included in various sections of this report.

### **2.1.3 Underground and/or Above Ground Storage Tanks**

GTI did **not** observed any Underground Storage Tanks (UST) or Above Ground Storage Tank (AST) at the Subject Property during GTI's site reconnaissance.

### **2.1.4 Hazardous Materials**

GTI did not observe the use or storage of hazardous chemicals at the Subject Property during the site reconnaissance. It should be noted that chemicals such as (*Perfluoroalkyl and Polyfluoroalkyl -PFAS*) are identified as "*Emerging Contaminants*" and these chemicals have been under scrutiny for possible regulations as hazardous substances by the federal EPA

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for many years. The EPA has not yet listed PFAS as a federally regulated hazardous substance under CERCLA. At the present time ASTM E-1527-21 does not require PFAS to be included in the Phase I ESA, unless specifically requested by the Client. No such requests were made.

### **2.1.5 PCB Electrical Transformers and other Utility Companies**

GTI observed several ground-mounted electrical transformers located along West Happy Valley Road and North 83<sup>rd</sup> Avenue, all of those on or adjoining the Subject Property appeared to be in good condition with no leaks or stains noted on the concrete pad or the ground surface around the transformers. A photograph showing one of these ground mounted electrical transformer can be seen in Figure 6. GTI did not observe any evidence of leakage or staining on the unit or on the ground surface. GTI spoke with Arizona Public Service (APS) on March 6, 2024, who provides electricity to the area and they indicated they have removed the PCBs from their electrical transformers and replaced them with mineral oil. Thus, they do not have any PCB-related environmental issues. The other utilities at or servicing the Subject Property are:

- Sewer - *City of Peoria*
- Police - *City of Peoria*
- SolidWaste - *City of Peoria*
- CA TV - *Cox Cable, Century Link/Quantum Fiber*
- Water - *City of Peoria*
- Fire - *City of Peoria*
- Gas - *Southwest Gas*



*Figure 6 - Ground Mounted Electrical Transformer along North 83<sup>rd</sup> Avenue*





### 2.1.6 Drywells

GTI did not observe any drywells within the 274± Acres encompassing the Subject Property.

### 2.1.7 Water Features

GTI did not observe any signs of wetlands (*i.e.*, open water, marshes, and marsh-type vegetation) at the Subject Property. The Rock Creek wash is located on the Subject Property which can be seen in Figure 7.



*Figure 7 - The Rock Creek Wash located at the Subject Property*

### 2.1.8 Pesticides and Herbicides

Historical aerial photographs indicate the Subject Property was undeveloped native desert land with several washes going back prior to 1940 (*earliest available historical aerial photograph*). In 1949 a small water reservoir and some off road trails can be seen at the Subject Property. North 83<sup>rd</sup> Avenue road alignment would begin around 2000 and be completed by 2002. The Subject Property would remain relatively unchanged from 2002 up to the present. As the Subject Property has not been used for agricultural purposes, agrochemical contamination is not a concern at the Subject Property.

## 2.2 Area Reconnaissance

The area reconnaissance was performed to assist in evaluating the potential for adjacent land uses, which could have adversely impacted the Subject Property. The area reconnaissance was conducted by traversing the area on foot, and viewing the surrounding areas from the Subject Property. The properties surrounding the Subject Property include:



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**2.2.1 North**

North of the Subject Property is an arterial road (West Jomax Road) followed by the Rock Springs residential subdivisions, the Rock Creek wash and undeveloped native desert land. GTI does not believe activities at these locations result in a REC to the Subject Property. An aerial photograph looking north of the Subject Property is shown on Figure 8.



*Figure 8 - Aerial Photograph Looking North of the Subject Property*

**2.2.2 South**

South of the Subject Property is Trail Head commercial development and the arterial road (West Happy Valley Road) followed by the Vista Montana, Sunrise Vista and Caballos Del Rio residential subdivisions with the Rock Creek wash. GTI does not believe activities at this location results in a REC to the Subject Property. An aerial photograph looking south of the Subject Property is shown on Figure 9.



*Figure 9 - Aerial Photograph Looking South of the Subject Property*



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**2.2.3 East**

East of the Subject Property is undeveloped native desert, a collector road ( North 77<sup>th</sup> Avenue) and portions of the Aloravita South Development followed by the New River wash and a residential subdivisions. GTI does not believe activities at these locations result in a REC to the Subject Property. An aerial photograph looking east of the Subject Property is shown on Figure 10.



*Figure 10 - Aerial Photograph Looking East of the Subject Property*

**2.2.4 West**

West of the Subject Property is undeveloped native desert land, commercial development and the West Wing Mountain and Happy Valley 40 AMD Subdivisions. GTI does not believe activities at these locations result in a REC to the Subject Property. An aerial photograph looking west of the Subject Property is shown on Figure 11.



*Figure 11 - Aerial Photograph Looking West of the Subject Property*

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### **3.0 LOCAL SOIL AND HYDROGEOLOGIC SETTING**

A consideration of surface and subsurface drainage and soil conditions are of interest since they provide an indication of how off-site contaminants, if present, could be transported to the Subject Property. Readily available hydrogeologic information was reviewed to evaluate surface and subsurface characteristics of the Subject Property and the general vicinity. This section summarizes the results of the hydrogeologic evaluation.

#### **3.1 Soil Conditions**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service classifies the surficial soils at the Subject Property as Antho-Carrizo-Mariposa complex, Antho association, Pinal-Suncity complex 0 to 3 percent slopes, Tremant-Rillito complex 0 to 5 percent slopes, Gunsite-Pinal complex 1 to 10 percent slopes, and Rock outcrop-Cherioni complex. The soil types, other than the rock outcrops, have moderate infiltration rates, are deep and moderately deep, moderately well and well drained soils with moderately coarse textures. The Unified Soil Classification System (USCS) identified the in-situ soils as mostly granular Silty SAND (SM) and Gravel Soils. Groundwater was found to be on the order of 450+ feet below the ground surface. If any contamination existed, most of it would be filtered out by the soils, prior to reaching the groundwater table.

#### **3.2 Hydrogeology**

##### **3.2.1 Groundwater**

GTI reviewed the Arizona Department of Water Resources (ADWR), Hydrologic Map, series report No. 35, dated 2003. Groundwater flow in the general vicinity of the Subject Property is in a south-southwesterly direction. The groundwater at the Subject Property appears to range from 450± feet to 475± feet below existing ground surface. A partial copy of the ADWR map showing the location of the Subject Property, the existing groundwater wells, and the general groundwater flow is shown on Figure 12.

In addition, GTI reviewed the Arizona Groundwater Well Data from the Arizona Groundwater Site Inventory (GWSI) for a well located approximately 1/8± mile east of the Subject Property. A groundwater hydrograph for that well indicated that groundwater in 1982 was at 394± feet below the ground surface, in 1984 it was at a depth of 351± feet below the ground surface and in 1987 the water level was at 357± feet below the ground surface. A copy of this groundwater hydrograph is shown on Figure 13.



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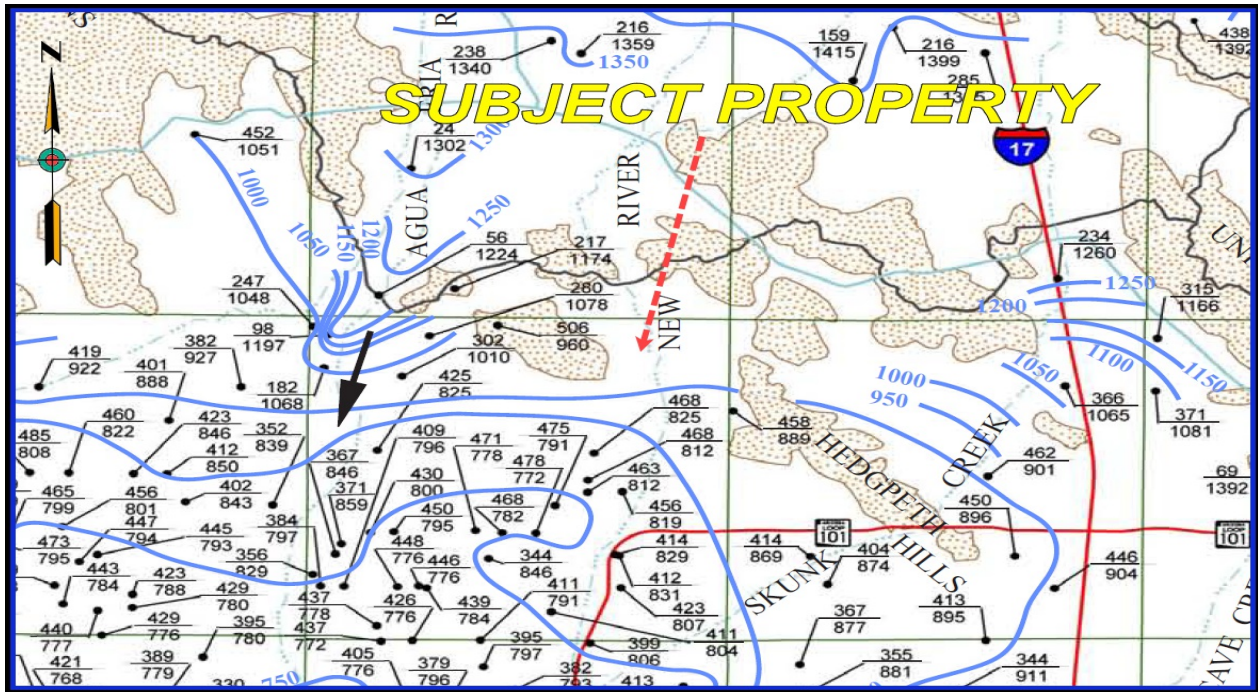


Figure 12 - ADWR Hydrologic Map Series No. 35 Dated 2003

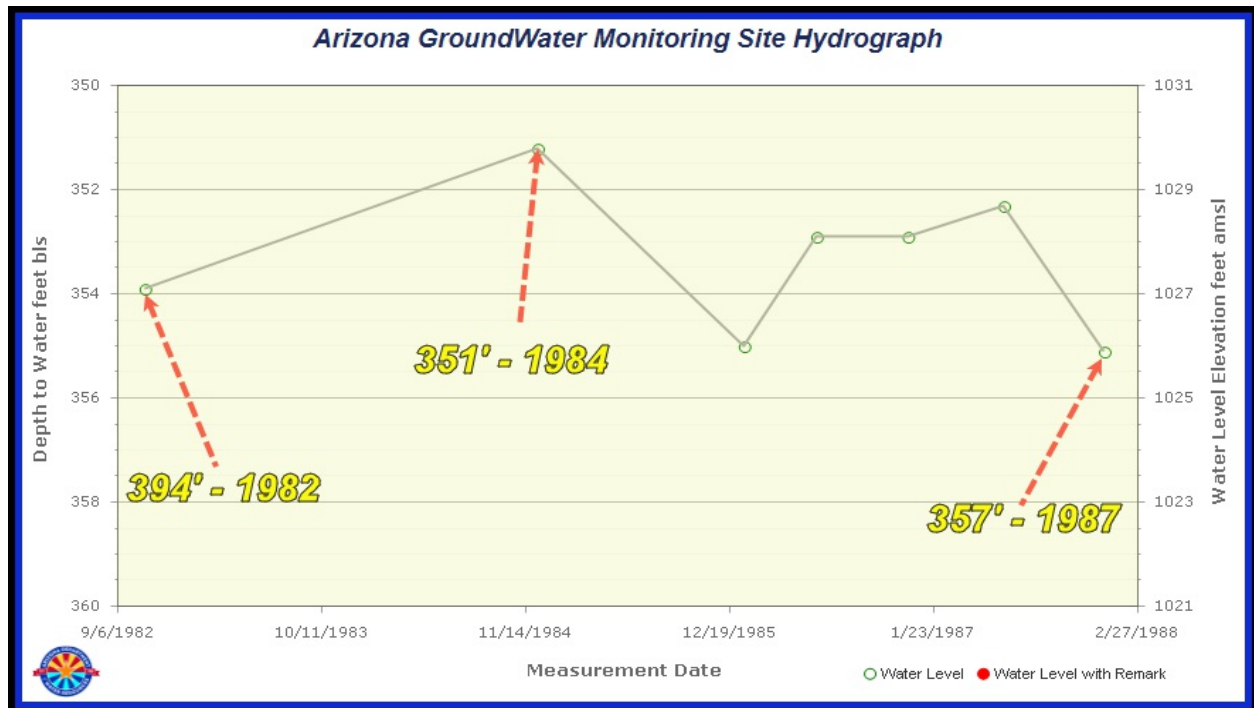


Figure 13 - ADWR GWSI Hydrograph of Nearby Well



### 3.2.2 Flood Plains

According to the Federal Emergency Management Agency (*FEMA*), the majority of the Subject Property is **not** located within the 100 year flood zone, however, the portions of the Subject Property that are located in the 100 year flood zone reside in the Rock Creek wash. GTI reviewed the FEMA map Panel No. 04013C1255L, dated October 16, 2013 for the Subject Property. The Subject Property has been identified to be located within Zone “X” and Zone “AE” with the Rock Creek Wash channel being a “Regulatory Floodway” of FEMA Flood Map. Zone “X” is defined as “*areas determined to be outside of the 0.2% annual chance of flooding.*” No flood insurance is required in Zone “X”. Zone “AE” is defined as “*areas that present a 1% annual chance of flooding and a 26% chance over the life of a 30year mortgage.*” Flood insurance is required in Zone “AE”. Regulatory Floodway is defined as “*the channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface elevation more than a designated height.*”. Development is largely prohibited within a Regulatory Floodway. A partial copy of the FEMA flood zone map is shown on Figure 14.

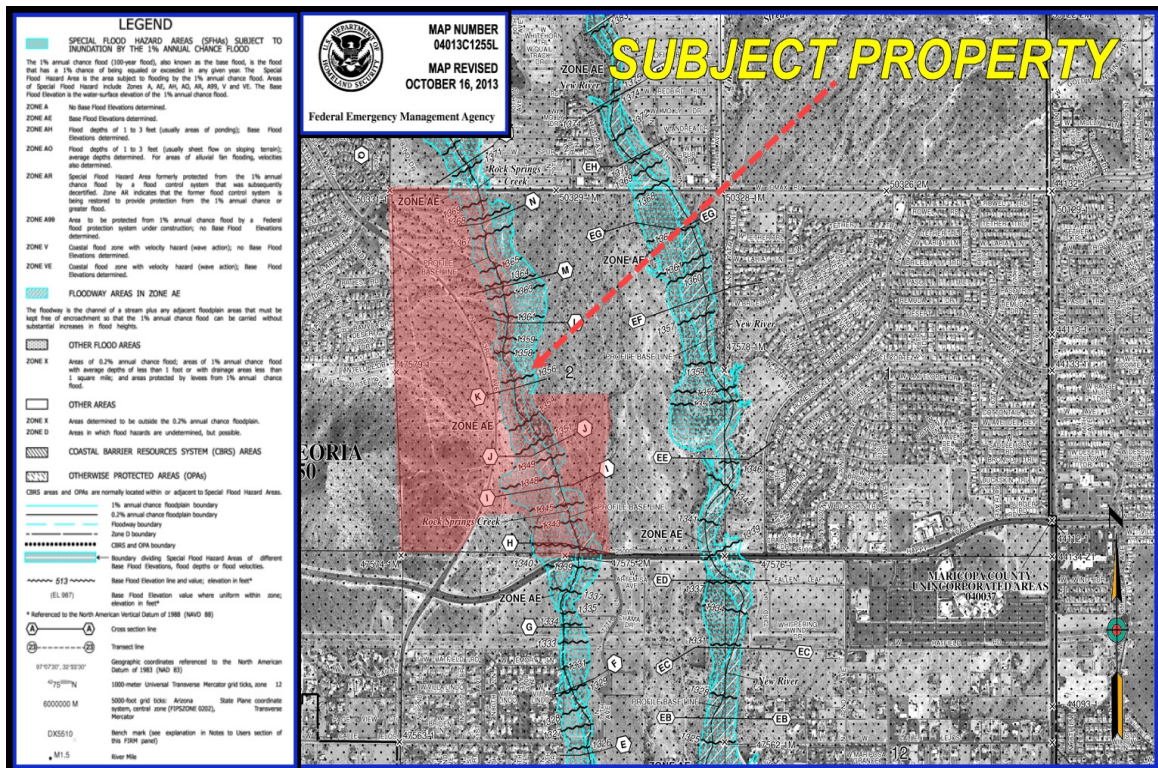


Figure 14 - FEMA Flood Insurance Map Panel No. 04013C1255L Dated 10/16/2013





### 3.2.3 Surface Water

According to the 2021 United States Geologic Survey Maps (USGS) *Hedgpeth Hills, AZ 7.5 Minute Series Topographic Map*, surface water is flowing in a east to southeasterly direction. Surface elevations across the Subject Property range from El: 1,370± feet at the southeast corner of the Subject Property to El: 1,392+ feet near the northwest corner of the Subject Property. As the Subject Property consists of undeveloped native desert land, surface water will generally flows east towards the adjoining Rock Creek wash then southeast off the Subject Property. A copy of the USGS map is shown on Figure 17.

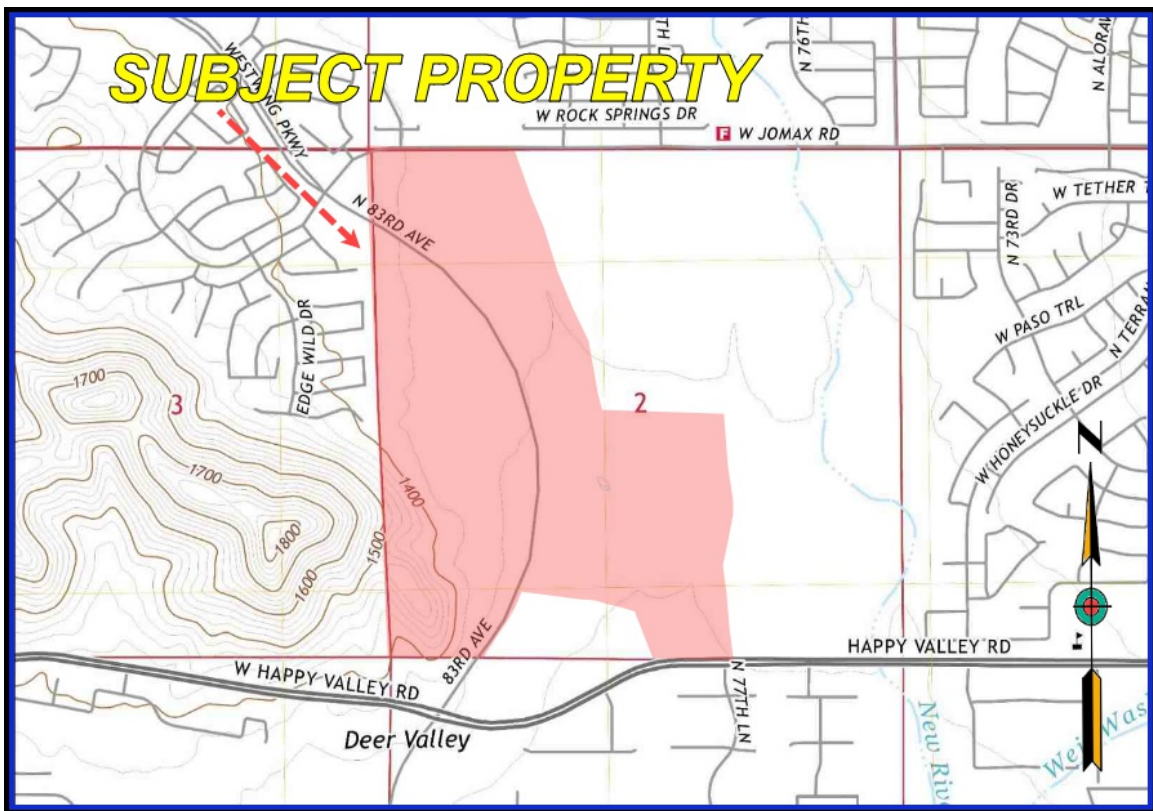


Figure 15 - USGS Hedgpeth Hills, AZ 7.5 Minute Series Topographic Map Dated 2021

## 4.0 RESULTS OF SITE HISTORICAL REVIEW

The following available information was reviewed to ascertain the historical uses of the Subject Property and immediately adjacent properties, and to evaluate the presence of activities of potential environmental concern:



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- *Google Earth - Photos dated 1985 to 2023*
- *Maricopa County Historical Aerials - 1940 - 2022*
- *Hedgpeeth Hills, AZ Quadrangle, Arizona - Maricopa 7.5 minute series topographic maps (dated 2021)*
- *Flood Control District of Maricopa County - Photos dated 1937 to 2021*
- *Historical Topographical Maps - 1954 to 2021*
- *Maricopa County Assessors Map - Photos dated 2011 to 2021*

**4.1 Aerial Photographic Review**

Aerial photographs from 1940 to 2023 were reviewed. The table below and on the following pages identifies GTI’s observations from these aerial photographs.

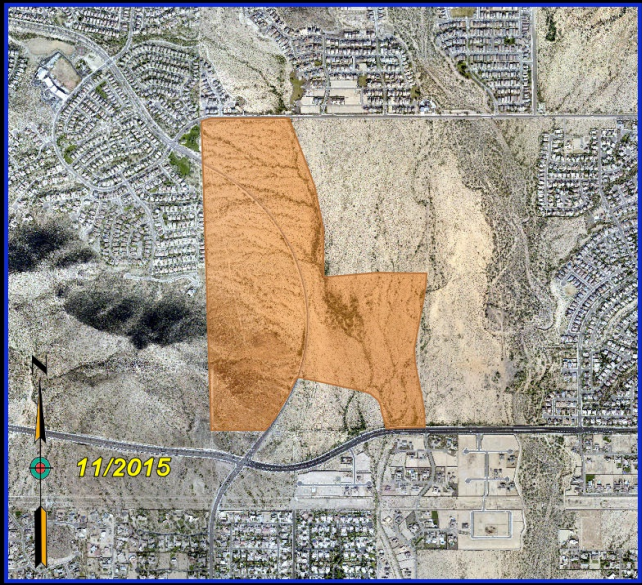
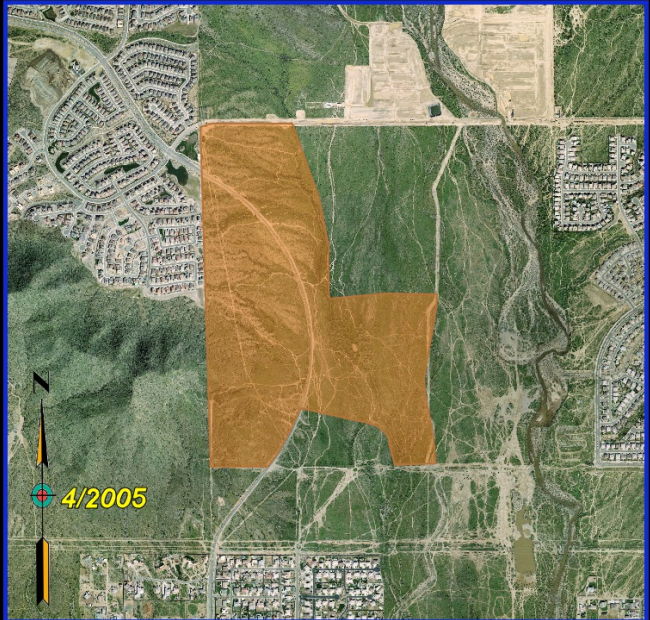
<b>AERIAL PHOTOGRAPHIC REVIEW</b>	
<b>DATE</b>	<b>FINDINGS</b>
2023	<p><b>Site:</b> <i>Native desert land with Rock Creek wash, North 83<sup>rd</sup> Ave</i>  <b>North:</b> <i>Jomax Rd with residential development, Rock Creek wash</i>  <b>South:</b> <i>Happy Valley Rd, commercial development, residential and commercial properties</i>  <b>East:</b> <i>79<sup>th</sup> Ave, residential development, New River wash, residential properties</i>  <b>West:</b> <i>Native desert land, commercial development, residential properties</i></p> 

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**AERIAL PHOTOGRAPHIC REVIEW**

DATE	FINDINGS
2015	<p><b>Site:</b> <i>Native desert land with Rock Creek wash, North 83<sup>rd</sup> Ave</i>  <b>North:</b> <i>Jomax Rd with residential development, Rock Creek wash</i>  <b>South:</b> <i>Happy Valley Rd, commercial development, residential and commercial properties</i>  <b>East:</b> <i>79<sup>th</sup> Ave, residential development, New River wash, residential properties</i>  <b>West:</b> <i>Native desert land, commercial development, residential properties</i></p> 
2005	<p><b>Site:</b> <i>Native desert land with Rock Creek wash, North 83<sup>rd</sup> Ave</i>  <b>North:</b> <i>Jomax Rd, native desert land, residential development, Rock Creek wash</i>  <b>South:</b> <i>Happy Valley Rd, commercial development, residential and commercial properties</i>  <b>East:</b> <i>Native desert land, New River wash, residential properties</i>  <b>West:</b> <i>Native desert land, residential properties</i></p> 


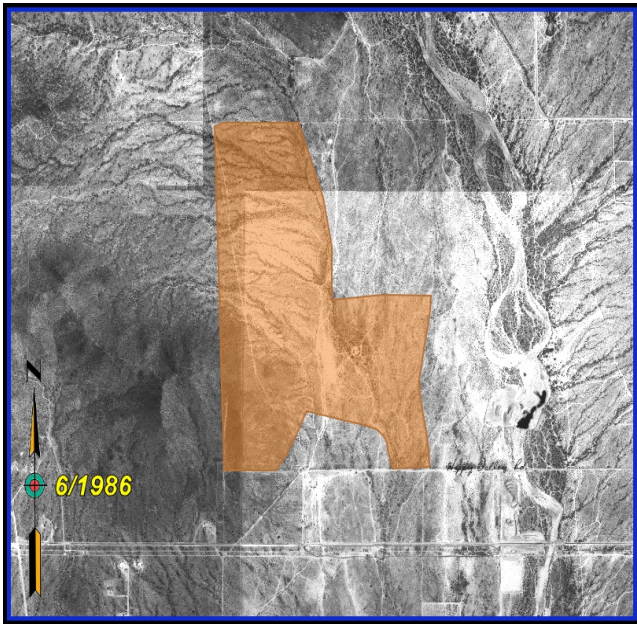


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**AERIAL PHOTOGRAPHIC REVIEW**

DATE	FINDINGS
2000	<p><b>Site:</b> <i>Native desert land with Rock Creek wash</i>  <b>North:</b> <i>Jomax Rd, native desert land</i>  <b>South:</b> <i>Native desert land, Happy Valley Rd</i>  <b>East:</b> <i>Native desert land, New River wash, residential development</i>  <b>West:</b> <i>Native desert land</i></p> 
1986	<p><b>Site:</b> <i>Native desert land with Rock Creek wash</i>  <b>North:</b> <i>Jomax Rd, native desert land</i>  <b>South:</b> <i>Native desert land, Happy Valley Rd</i>  <b>East:</b> <i>Native desert land with gravel mining within portions of the New River wash</i>  <b>West:</b> <i>Native desert land</i></p> 



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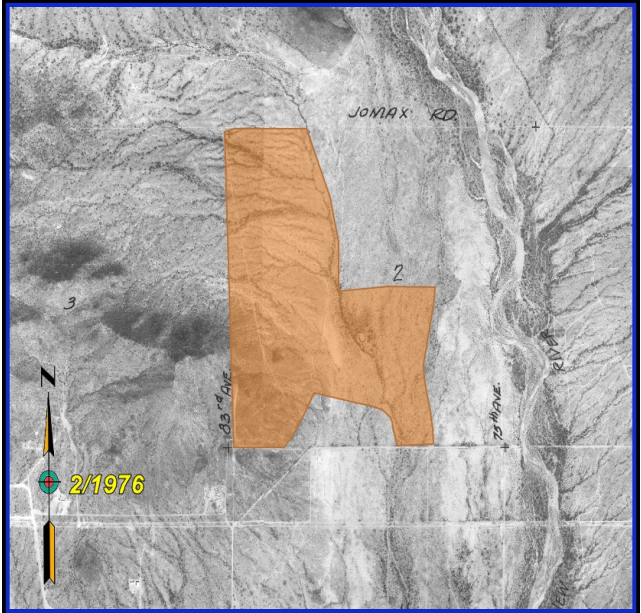
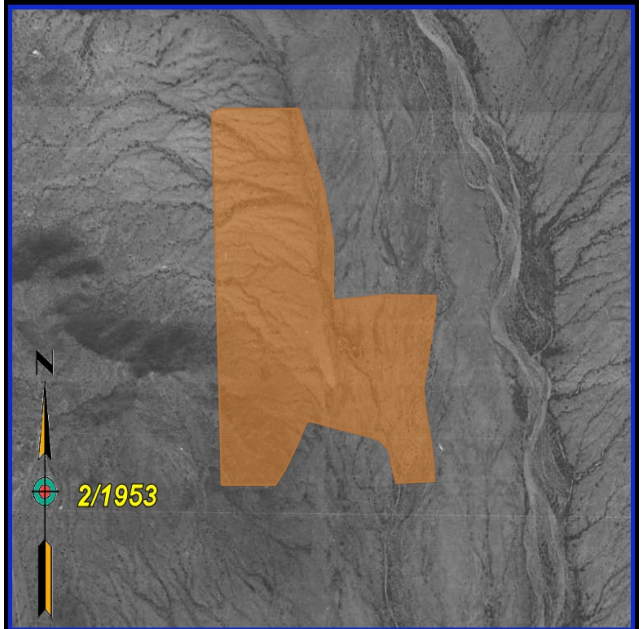
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**AERIAL PHOTOGRAPHIC REVIEW**

DATE	FINDINGS
<p>1976</p>	<p><b>Site:</b> <i>Native desert land with the Rock Creek wash</i>  <b>North:</b> <i>Jomax Rd, native desert land</i>  <b>South:</b> <i>Native desert land</i>  <b>East:</b> <i>Native desert with gravel mining within portions of the New River wash</i>  <b>West:</b> <i>Native desert land</i></p> 
<p>1953</p>	<p><i>Subject Property and the surrounding areas are native desert land crossed by the Rock Creek wash</i></p> 

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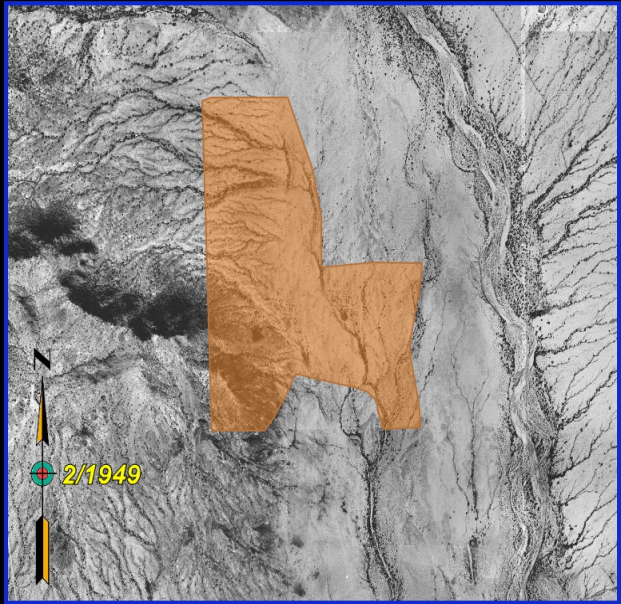
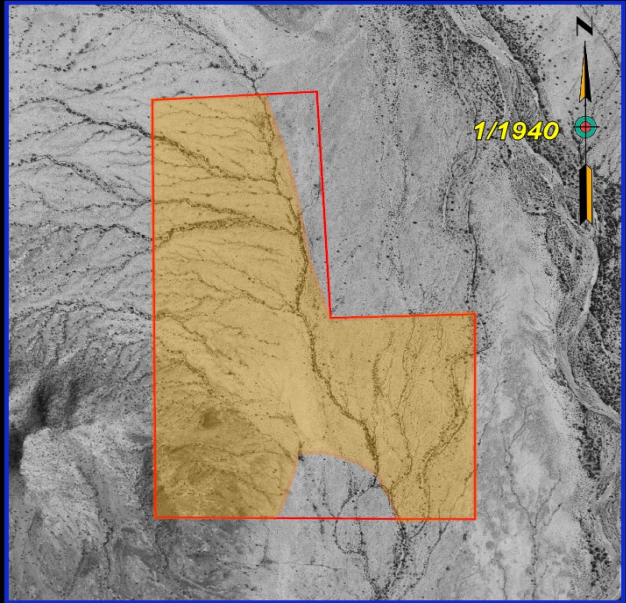
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**AERIAL PHOTOGRAPHIC REVIEW**

DATE	FINDINGS
1949	<p><i>Subject Property and the surrounding areas are native desert land crossed by the Rock Creek wash</i></p> 
1940	<p><i>Subject Property and the surrounding areas are native desert land crossed by the Rock Creek wash</i></p> 

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#### **4.2 Sanborn Maps**

GTI retained the services of EDR to determine if any *Sanborn* maps were available for the Subject Property. EDR provided a Certified Letter under certification # 8F92-437B-89E5 dated February 26, 2024 indicating that **no** Sanborn Maps were available for the Subject Property. A copy of the Certified letter is included in the Appendix of this report.

#### **4.3 Cole Directories**

GTI also retained the Services of EDR to determine if any City Directory information was available for the Subject Property. The City Directories went back from 1964 to 2020. GTI reviewed the City Directories for the Subject Property and nearby facilities and did not find any owners/tenant listings that would result in a REC to the Subject Property. The Appendix includes the City Directory information.

#### **4.4 General Site History**

Based on the review of the historical aerial photographs, GTI's site reconnaissance, and conversations with people familiar with the Subject Property, indicate that the Subject Property was undeveloped native desert land with several washes going back prior to 1940 (*earliest available historical aerial photograph*). In 1949 a small water reservoir and some off road trails can be seen at the Subject Property. North 83<sup>rd</sup> Avenue road alignment would begin around 2000 and be completed by 2002. The Subject Property would remain relatively unchanged from 2002 up to the present.

#### **4.5 Conversation with People Familiar with the Site**

##### **4.5.1 Arizona Public Service (APS)**

GTI spoke with representatives of Arizona Public Service (APS) on March 6, 2024 and GTI was told that they provide electrical power to the Subject Property and the general vicinity, and no longer use PCBs in their electrical transformers. They have replaced the PCB with mineral oil and thus do not have any PCB related environmental issues. Therefore the electrical transformers in the area do not pose a REC to the Subject Property.

##### **4.5.2 Mr. Ryan Weed (Client)**

GTI spoke with Mr. Ryan Weed with **COE & VAN LOO CONSULTANTS (CLIENT)** on February 26, 2024, who provided authorization for this Phase I Environmental Site Assessment (ESA). Mr. Weed was not aware of any environmental issues at the Subject Property and provided GTI with all available information at that time.



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#### **4.6 Data Failure**

Data failure is the inability to identify the earlier of the Subject Property's first use or to 1940 through the review of the reasonably ascertainable and likely to be useful standard historical sources. No data failure was encountered during this Phase I Environmental Site Assessment (ESA) as the Subject Property was predominantly undeveloped native desert land crossed by the Rock Creek wash going back prior to 1940 (*earliest available historical aerial photograph*).

#### **4.7 Impact on Purchase Price**

The all appropriate inquiries' final rule requires the prospective Subject Property owner consider whether or not the difference in purchase price and fair market value is due to the presence of releases or threatened releases of hazardous substances. GTI was not provided with any information as to the purchase price of the Subject Property or fair market value. GTI does not believe the Subject Property has any environmental concerns which would reduce the value of the Subject Property.

### **5.0 ENVIRONMENTAL LIENS, SPECIALIZED KNOWLEDGE OR EXPERIENCE**

The ASTM Standards on Environmental Site Assessments for Commercial Real Estate, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, E-1527-21 (*approved November 1, 2021*), requires that the user provide information regarding environmental liens, specialized knowledge, or experience, as follows:

Users must take into account their specialized knowledge to identify conditions indicative of releases or threatened releases. If the user has any specialized knowledge or experience that is material to recognized environmental conditions in connection with the Subject Property, the user should communicate any information based on such specialized knowledge or experience to the environmental professional. The user should do so before the environmental professional does the site reconnaissance. According to the ASTM document, the term User is defined as follows:

**User:** The party seeking to perform an environmental site assessment of the Subject Property. A user may include, without limitation, a purchaser of a Subject Property, a potential tenant of Subject Property, an owner of Subject Property, a lender, or a Subject Property manager [i.e., the Client].



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No information regarding Voluntary Environmental Mitigation Use Restriction (VEMUR), Declaration of Environmental Use Restriction (DEUR), or environmental liens of any kind, or specialized knowledge or experience was provided to GTI by the owner. On March 26, 2024, GTI researched the Arizona Department of Environmental Quality (ADEQ) website for VEMURs and DEURs on or adjoining the Subject Property. None were found on or adjoining the Subject Property. The closest two (2) to the Subject Property are listed below:

- **IC VEMUR** - *Shell #24*, located at 5904 West Greenway Road, Glendale, AZ approximately 6.4± miles southeast of the Subject Property.
- **IC DEUR** - *Brown Evans-Odesa*, located at 22047 Black Canyon Highway, Phoenix, AZ approximately 6.9± miles east to southeast of the Subject Property.

Figure 16 presents a portion of the ADEQ DUER map showing the Subject Property and the nearest VEMURs or DEURs. It is the environmental professionals conclusion that the listed DEUR and VEMUR do not constitute a REC to the Subject Property.

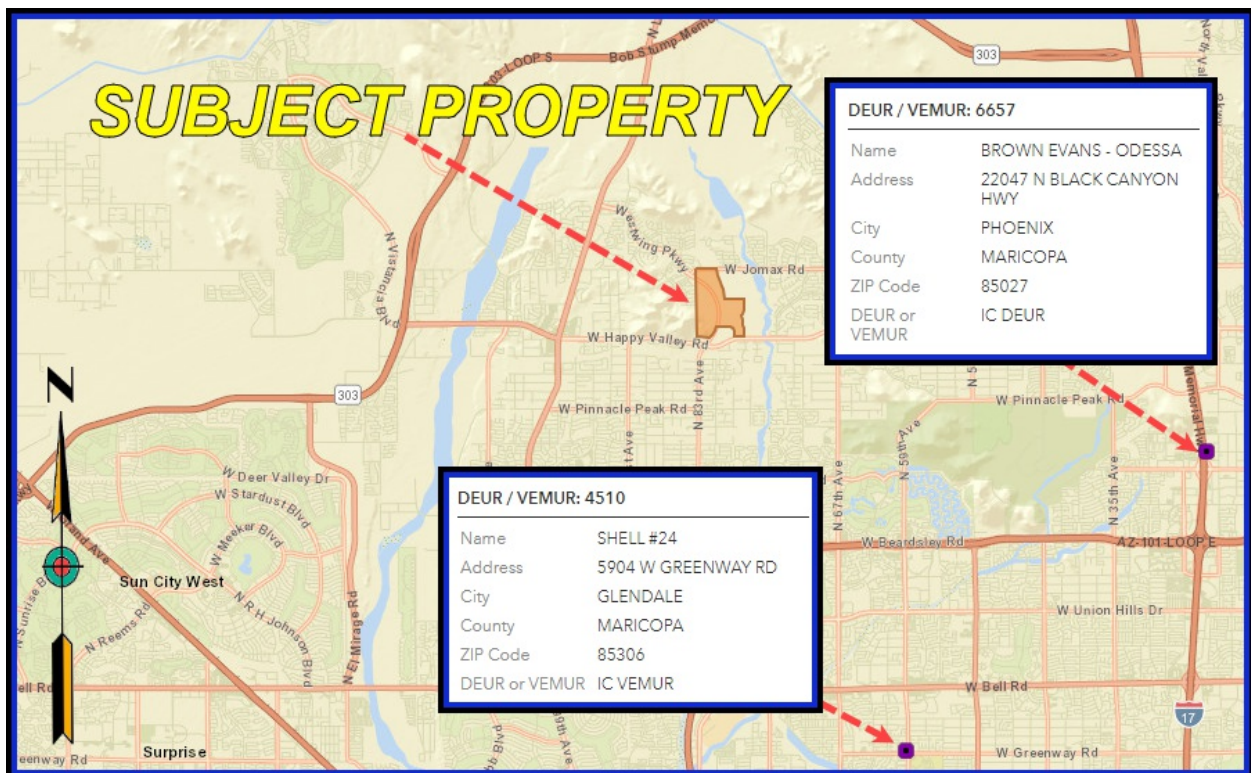


Figure 16 - ADEQ Declaration of Environmental Use Restrictions ( VEMUR/DEUR) Map



## 6.0 RESULTS OF GOVERNMENT AGENCY/DOCUMENTS REVIEW

### 6.1 Regulatory Listed Facilities

A review of State and Federal regulatory agencies was performed by a regulatory information retrieval service. They did so to determine if the Subject Property, or nearby properties are listed as a record of actual or potential environmental impact, or are under investigation for any environmental contamination. A map showing the Subject Property and the areas identified in the regulatory search is shown on Figure 17. A listing of all the databases reviewed is shown on the following pages. The full governmental database search is included in the Appendix.

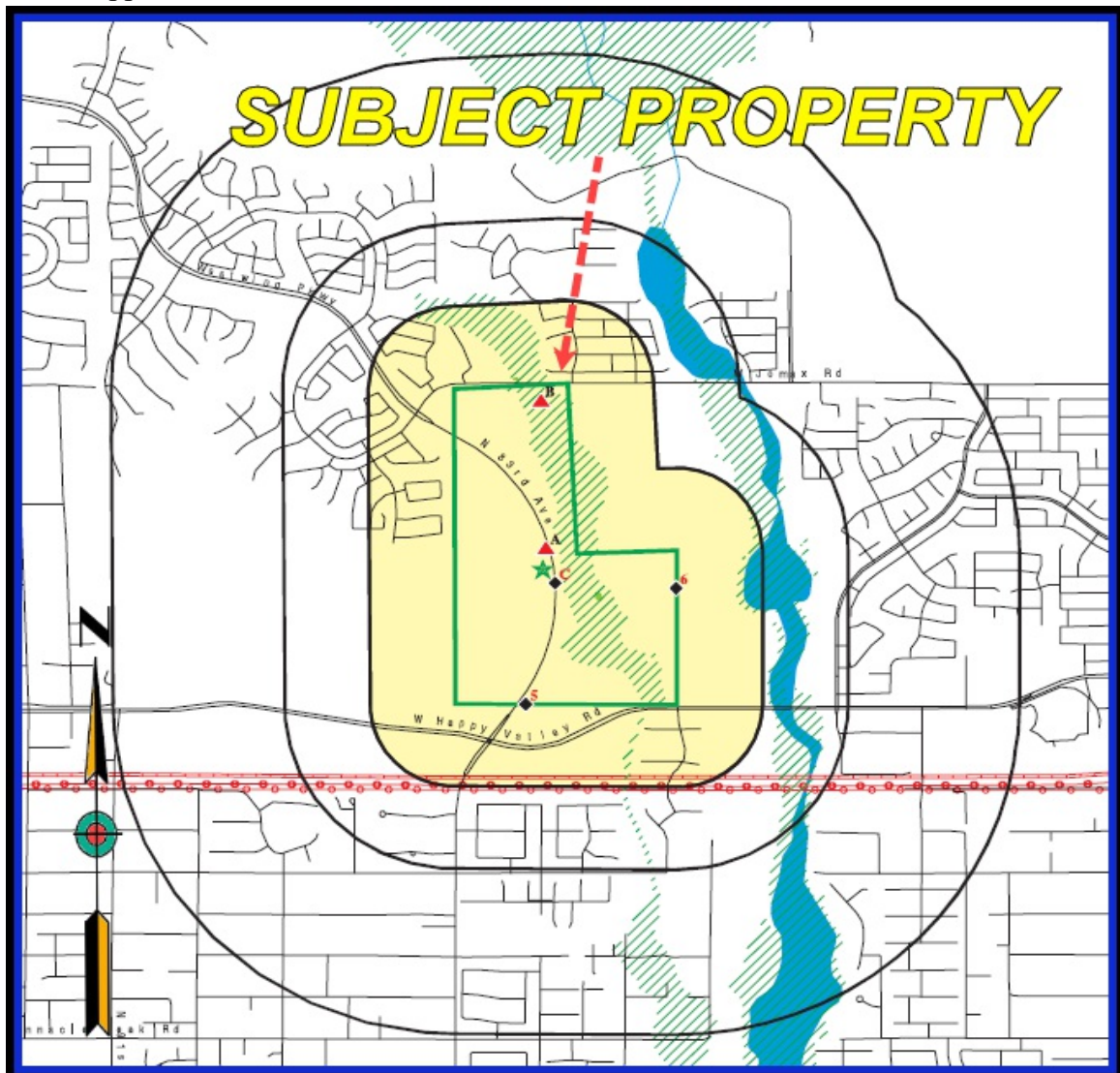


Figure 17 - Governmental Database Search Results Map



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**MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<i>Lists of Federal NPL (Superfund) sites</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>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</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	0.001		0	NR	NR	NR	NR	0
<i>Lists of state- and tribal (Superfund) equivalent sites</i>								
AZ NPL	1.000		0	0	0	0	NR	0
AZ WQARF	1.000		0	0	0	0	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SPL	1.000		0	0	0	0	NR	0
SHWS	1.000		0	0	0	0	NR	0
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0



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Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
AZURITE	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
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
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

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**MAP FINDINGS SUMMARY**

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0

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Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
Aquifer	0.001		0	NR	NR	NR	NR	0
AZ DOD	0.500		0	0	0	NR	NR	0
Dry Wells	0.001		0	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMAP	0.001		6	NR	NR	NR	NR	6
Enforcement	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
SPDES	0.001		2	NR	NR	NR	NR	2
VAPOR	0.500		0	0	0	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WWFAC	0.500		0	0	0	NR	NR	0
UST FINDER RELEASE	0.500		0	0	0	NR	NR	0
UST FINDER	0.250		0	0	NR	NR	NR	0
<b>EDR HIGH RISK HISTORICAL RECORDS</b>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<b>EDR RECOVERED GOVERNMENT ARCHIVES</b>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals -		0	8	0	0	0	0	8
NOTES:								
TP = Target Property								
NR = Not Requested at this Search Distance								
Sites may be listed in more than one database								

During the course of this Phase I Environmental Site Assessment (ESA), the Subject Property **was** identified two (2) times in the governmental database search. There were a total of eight (8) environmental listings identified within the minimum ASTM search distances. These listings are discussed below:



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- **Map ID Nos. "A1" and "A2"** are for the **Aloravita South**, located at the Subject Property. These listings are for EMAPs (*All Places of Interest*) and SPDES (*Notice of Intent Construction of Stormwater General Permits Database*) associated with the stormwater discharge points for the Aloravita subdivision. As there are no violations associated with these listings, they do not result in a REC to the Subject Property.
- **Map ID Nos. "B3" and "B8"** are for the **Eagle Substation New Feeder Outfall Discharge #2 and Eagle Substation New Feeder Outfall Discharge #3**, located approximately less than an  $\frac{1}{8}\pm$  mile east to northeast of the Subject Property. These listings are located hydrologically up-gradient from the Subject Property. These listings are for EMAPs (*All Places of Interest Listing*) associated with the stormwater discharge points for the Eagle Substation. As there are no violations associated with these listings, they do not result in a REC to the Subject Property.
- **Map ID Nos. "C4" and "C7"** are for the **83<sup>rd</sup> Avenue From Happy Valley Road to Jomax Road Discharge Point**, located within the Subject Property. These listings are for EMAPs (*All Places of Interest*) associated with the stormwater discharge points for the 83<sup>rd</sup> Avenue. As there are no violations associated with these listings, they do not result in a REC to the Subject Property.
- **Map ID No. "5"** is for **The Trailhead Retail Center**, located approximately less than an  $\frac{1}{8}\pm$  mile south of the Subject Property. The listing is located hydrologically down-gradient from the Subject Property. This listing is for a SPDES (*Notice of Intent Construction of Stormwater General Permits Database*) associated with the stormwater discharge points for the retail center. As there are no violations associated with this listing, it does not pose a REC to the Subject Property.
- **Map ID No. "6"** is for **Aloravita North**, located approximately less than an  $\frac{1}{8}\pm$  mile east of the Subject Property. The listing is located hydrologically up to cross-gradient from the Subject Property. This listing is for an EMAP (*All Places of Interest Listing*). The listing is related to a planned development with no listed violations. As there are no violations associated with this listing, it does not pose a REC to the Subject Property.

This Phase I Environmental Site Assessment (ESA) concluded the following:

- **Current Recognized Environmental Conditions (REC)**  
*A 'Recognized Environmental Condition (REC)' as defined in the ASTM Standard, is (1) the presence of hazardous substances or petroleum products in, on or at the Subject*

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*Property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on or at the Subject Property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on or at the Subject Property under conditions that pose a material threat of a future release to the environment.” De-minimis conditions are not recognized environmental conditions.” **This assessment has revealed NO evidence of Recognized Environmental Conditions (REC) at the Subject Property.***

- **Historical Recognized Environmental Conditions (HREC)**

*A ‘Historical REC (HREC)’ as defined in the ASTM Standard, is a previous release of hazardous substances or petroleum products affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities, without subjecting the Subject Property to any controls (for example activity and use limitations, or other property use limitations). **This assessment has revealed NO evidence of Historical Recognized Environmental Conditions (HREC) at the Subject Property.***

- **Controlled Recognized Environmental Conditions (CREC)**

*A ‘Controlled REC (CREC)’ as defined in the ASTM Standard, is a recognized environmental condition affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of controls (for example, activity and use limitations or other property use limitations). **This assessment has revealed NO evidence of Controlled Recognized Environmental Conditions (CREC) at the Subject Property.***

## **6.2 Water Well Information**

The Water Well Information was provided by the United States Geological Survey (USGS), the Federal FRDS Public Water Supply System, and the state well database. The database contains information for over 1,000,000 wells and other sources of groundwater, which these agencies have studied, used, or otherwise had reason to document through the course of research. The Regulatory Listed Facilities search reported **ten (10)** water wells located within a one (1) mile radius of the Subject Property, with no wells located within the Subject Property.



A map showing the Subject Property and the wells in the general vicinity are shown in Figure 19. None of the wells identified in the general vicinity of the Subject Property have any citations or any other environmental issues. GTI does not believe any of these wells result in a REC to the Subject Property.

## 7.0 CONCLUSIONS AND RECOMMENDATIONS

Geotechnical Testing & Inspections, LLC (GTI) has performed a Phase I Environmental Site Assessment (ESA), in general conformance with the scope and limitations of ASTM Practice E-1527-21, for

the 274± Acres at the **ALORAVITA SOUTH PARCELS 1,2,10-15** located off the Northwest Corner of West Happy Valley Road and North 77<sup>th</sup> Lane, Peoria, Maricopa County, Arizona, 85383. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report.

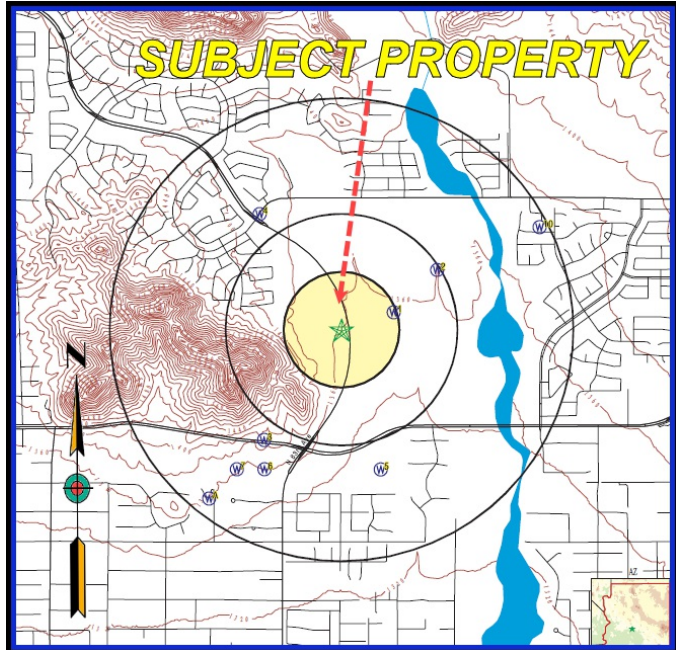


Figure 19 - USGS Well Location Map

This Environmental Site Assessment (ESA) has revealed **NO** evidence of Recognized Environmental Conditions (REC), Historical Recognized Environmental Conditions (HREC) or Controlled Recognized Environmental Conditions (CREC) in connection with the Subject Property.

Based on GTI's site reconnaissance, governmental database records review, and conversations with people familiar with the Subject Property, GTI does not believe any additional environmental testing or studies are needed at the Subject Property at this time.

## 8.0 LIMITATIONS

Geotechnical Testing & Inspections, LLC's (GTI) professional services have been performed using that degree and skill ordinarily exercised, under similar circumstances, by reputable geotechnical and environmental engineers practicing in this or similar localities. Neither GTI nor their agents or employees shall be jointly, severally, or individually liable to the owner in excess of the compensation to be paid pursuant to this agreement, by any reason of any act or omission, including



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breach of contract or negligence not amounting to a willful or intentional wrong. No other warranty, expressed or implied, is made. This environmental site assessment report was prepared in accordance with the generally accepted standard of practice in Arizona at the time the report was written.

This report is exclusively for the use and benefit of **COE & VAN LOO CONSULTANTS (CLIENT) & ARIZONA STATE LAND DEPARTMENT (USER)** and may not be relied upon by other persons or entities without written permission from GTI. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and the use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said users. The findings and opinions are relevant to the dates of GTI's site work and should not be relied on to represent conditions at substantially later dates.

ASTM Practice E-1527-21, Section 4.6.3 states that the Phase I Environmental Site Assessment (ESA) must be:

*Conducted or updated within 180 days of and prior to the date of acquisition of the Subject Property, and all other components of all appropriate inquiries must be conducted within one year prior to the date of acquisition of the Subject Property. The date of the report generally does not represent the date the individual components of all appropriate inquiries were completed and should not be used when evaluating compliance with the 180-day or 1-year all appropriate inquiries requirements. After that time, the Phase I Report will have to be updated.*

The opinions included herein are based on information obtained during the study and GTI's experience. If additional information becomes available which might impact GTI's environmental conclusions, GTI requests the opportunity to review the information, reassess the potential concerns, and modify GTI's opinion, if warranted. If this assessment included a review of reports prepared by other consultants, it must be recognized GTI has no responsibility for the accuracy of information contained therein. Although this assessment has attempted to identify the potential for contamination of the Subject Property, potential sources of contamination may have escaped detection due to:

- (1) the limited scope of this assessment,*
- (2) the inaccuracy of public records, and*
- (3) the presence of undetected and unreported environmental accidents.*

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## **9.0 QUALIFICATIONS OF INVESTIGATORS**

The field portion of this Phase I Environmental Site Assessment (ESA) and report were conducted and prepared by Chris Squires, Environmental Scientist/Senior Project Manager. The report was reviewed by Randy Smith, P.E., Environmental & Geotechnical Department Manager and Dr. Peter Fleming, P.E., President of GTI. A brief summary of their qualifications follows:

### **9.1 Chris Squires - Environmental Scientist/GTI Senior Project Manager**

Mr. Squires is an Environmental Scientist/Senior Project Manager with Geotechnical Testing & Inspections (GTI). Mr. Squires has a B.S. degree from Wichita State University in Geology. Mr. Squires has performed numerous Phase I Environmental Site Assessment studies as well as Phase II Site Characterization Studies over the last two years in Arizona and Texas, and has nine years of field experience in the oil and gas industry throughout Kansas, Oklahoma, New Mexico and Texas.

### **9.2 Randy Smith, P.E. Environmental Department Manager**

Mr. Smith is the Geotechnical and Environmental Department Manager for Geotechnical Testing & Inspections (GTI). Mr. Smith holds a degree in geological engineering and is a registered civil engineer in Arizona. Mr. Smith has performed hundreds of Phase I Environmental Site Assessment studies as well as Phase II Site Characterization Studies over the last 20 years. Projects include master planned communities, commercial development, multifamily and raw land. In addition, Mr. Smith is an AHERA certified building inspector and has OSHA 40 hour Hazardous Materials training. He has practiced geotechnical engineering in Arizona for over 24 years. Projects include master planned communities, residential subdivisions, parking structures, multifamily, warehouse, office, retail, bridges, airport, solar power facilities, electrical substation, retaining walls, cut and fill slopes, geophysical reports, percolation, and highway. He has provided services for foundations including spread footing foundations, post-tensioned foundations, drilled shaft, and helical pier. He is American Concrete Institute (ACI) certified in Field and Concrete Lab I and Arizona Technical Testing Institute (ATTI) Laboratory and Field (*Soil, Aggregate, and Asphaltic Concrete*).

### **9.3 Dr. Peter Fleming, P.E. - President**

Dr. Fleming is President of Geotechnical Testing & Inspections, LLC (GTI) and is responsible for all the technical and administrative aspects of the company. He holds a

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Master's degree and Ph.D., in civil engineering with a special focus on environmental and geotechnical engineering. Dr. Fleming has over 42 years of professional experience focused in the areas of geotechnical and environmental engineering related projects. He is a registered professional engineer in Arizona and sixteen other states across the United States. He is fully EPA AHERA-certified to direct all asbestos identification, evaluation and abatement activities. He is also an EPA-approved radon mitigator, as well as a California Environmental Site Assessor. Dr. Fleming is responsible for the firm's Environmental Services Division, including training and technical consultation. Dr. Fleming's expertise and experience in these areas have been utilized in soil and groundwater remediation, groundwater modeling and tracking of contaminant migration, Environmental Site Assessments, and underground storage tank evaluations and removal. Dr. Fleming provided review of several thousand Phase I Environmental Site Assessments, several hundred Phase II Site characterization studies, including soil gas surveys, and numerous Phase III Remediation studies. In addition, Dr. Fleming has completed several thousand geotechnical studies nationally and internationally, involving high-rise structures, dams, lakes, interstate highways, bridges, airports, resorts, marinas, numerous retaining structures, levees, and shoring systems, geophysical explorations, synthetic liners, vibrations studies, in-situ testing, etc. Many of the projects involved evaluation of shallow and numerous types of deep foundation systems, slope stability analysis, retaining walls, settlement and seepage calculations, etc. Dr. Fleming also provided expert testimony on numerous geotechnical and environmental issues. Dr. Fleming is nationally known for his innovative and cost saving solutions to complicated geotechnical problems. Dr. Fleming is a Certified Microbial Consultant from the American Indoor Air Quality Council. Dr. Fleming is a Level I and Level II Mold Inspector as well as a Certified Mold Instructor with the Indoor Environmental Standards Organization (IESO).

## 10.0 LIST OF REFERENCES

- ADEQ DRASTIC maps for Maricopa County
- ADEQ Pesticides Division
- EDR Environmental Data Resources, Inc. - February 26, 2024
- ADEQ Dry Well Registration Data Base - February 26, 2024
- Directory of Arizona Active Landfills - ADEQ, February 26, 2024
- Directory of Arizona Inactive Landfills - ADEQ, February 26, 2024
- Directory of Arizona Closed Solid Landfills - ADEQ, February 26, 2024
- FEMA. Flood Map -Panel No. 04013C1255L (effective date: October 16, 2013)
- Maricopa County Flood Control District - Current Flood Map



**Phase I Environmental Site Assessment (ESA)**  
**COE & VAN LOO CONSULTANTS (CLIENT)**  
**ARIZONA STATE LAND DEPARTMENT (USER)**  
**ALORAVITA SOUTH PARCELS 1,2,10-15**

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- Arizona Department of Water Resources (ADWR)
- ADWR Groundwater Site Inventory (GWSI) Hydrograph
- Standard Practice for Environmental Site Assessments - ASTM E 1527-21
- ADEQ Underground Storage Tanks Division
- USGS Maps - *Hedgepeth Hills, AZ* Quadrangle 7.5 minute series - dated 2021
- USGS Maps Historical Topographic Maps - dated 1954-2021
- Site Auditing-Environmental Assessment of Subject Property - 1992 Specialty Technical Publishers
- Environmental Liability and Real Property Transactions - 1989 John Wiley & Sons
- Arizona Public Service (APS)
- Google Earth - Photos Dated 1985 to 2023
- Maricopa County Assessors Office - Photos dated 2012-2021
- Maricopa County Assessors Office Historical Aerial Photographs- dated 1940 - 2021
- <https://azdeq.gov/emaps> - “Declaration of Environmental Use Restriction (DEUR) Map”



**Phase I Environmental Site Assessment (ESA)**  
**COE & VAN LOO CONSULTANTS (CLIENT)**  
**ARIZONA STATE LAND DEPARTMENT (USER)**  
**ALORAVITA SOUTH PARCELS 1,2,10-15**

GTI Project No. 247752E

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## APPENDIX

**Aloravita South Parcel 1,2 10 To 15**

Happy Valley and 83rd Ave  
Peoria, AZ 85383

Inquiry Number: 7578776.2s

February 26, 2024

# The EDR Radius Map™ Report with GeoCheck®



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



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

### Disclaimer - Copyright and Trademark Notice

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

HAPPY VALLEY AND 83RD AVE  
PEORIA, AZ 85383

#### COORDINATES

Latitude (North): 33.7168360 - 33° 43' 0.60"  
Longitude (West): 112.2332160 - 112° 13' 59.57"  
Universal Transverse Mercator: Zone 12  
UTM X (Meters): 385732.7  
UTM Y (Meters): 3731249.2  
Elevation: 1360 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 50000444 HEDGPETH HILLS, AZ  
Version Date: 2021

Southwest Map: 50000143 CALDERWOOD BUTTE, AZ  
Version Date: 2021

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20190614  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
 HAPPY VALLEY AND 83RD AVE  
 PEORIA, AZ 85383

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.)
<a href="#">A1</a>	ALORAVITA SOUTH		EMAP	Higher	1 ft.
<a href="#">A2</a>	ALORAVITA SOUTH	NONE	SPDES	Higher	1 ft.
<a href="#">B3</a>	EAGLE SUBSTATION NEW		EMAP	Higher	1 ft.
<a href="#">C4</a>	83RD AVE FROM HAPPY		EMAP	Lower	1 ft.
<a href="#">5</a>	THE TRAILHEAD RETAIL	NONE	SPDES	Lower	1 ft.
<a href="#">6</a>	ALORAVITA NORTH		EMAP	Lower	1 ft.
<a href="#">C7</a>	83RD AVE FROM HAPPY		EMAP	Lower	1 ft.
<a href="#">B8</a>	EAGLE SUBSTATION NEW		EMAP	Higher	1 ft.



# 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

### ***Lists of Federal NPL (Superfund) sites***

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

### ***Lists of Federal Delisted NPL sites***

Delisted NPL..... National Priority List Deletions

### ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

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

### ***Lists of Federal CERCLA sites with NFRAP***

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

### ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS..... Corrective Action Report

### ***Lists of Federal RCRA TSD facilities***

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

### ***Lists of Federal RCRA generators***

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

### ***Lists of state- and tribal (Superfund) equivalent sites***

AZ NPL..... NPL Detail Listing  
AZ WQARF..... Water Quality Assurance Revolving Fund Sites

### ***Lists of state- and tribal hazardous waste facilities***

SPL..... Superfund Program List  
SHWS..... ZipAcids List

### ***Lists of state and tribal landfills and solid waste disposal facilities***

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

### ***Lists of state and tribal leaking storage tanks***

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

### ***Lists of state and tribal registered storage tanks***

FEMA UST..... Underground Storage Tank Listing  
UST..... Underground Storage Tank Listing  
AST..... List of Aboveground Storage Tanks  
INDIAN UST..... Underground Storage Tanks on Indian Land

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

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

### ***Lists of state and tribal voluntary cleanup sites***

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

### ***Lists of state and tribal brownfield sites***

BROWNFIELDS..... Brownfields Tracking System

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

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

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

SWTIRE..... Solid Waste Tire Facilities

## EXECUTIVE SUMMARY

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

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

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

### **Local Land Records**

LIENS 2..... CERCLA Lien Information

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

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

### **Other Ascertainable Records**

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



## EXECUTIVE SUMMARY

ABANDONED MINES.....	Abandoned Mines
MINES MRDS.....	Mineral Resources Data System
FINDS.....	Facility Index System/Facility Registry System
UXO.....	Unexploded Ordnance Sites
ECHO.....	Enforcement & Compliance History Information
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS TRIS.....	List of PFAS Added to the TRI
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
BIOSOLIDS.....	ICIS-NPDES Biosolids Facility Data
PFAS.....	PFAS Contamination Site Listing
AQUEOUS FOAM.....	Aqueous Film Forming Foam Listing
AIRS.....	Arizona Airs Database
Aquifer.....	Aquifer Protection Permits List
AZ DOD.....	Department of Defense Sites
Dry Wells.....	Drywell Registration
DRYCLEANERS.....	Drycleaner Facility Listing
Enforcement.....	Enforcement and Violation Listing
Financial Assurance.....	Financial Assurance Information Listing
MANIFEST.....	Facility and Manifest Data
VAPOR.....	Vapor Intrusion
UIC.....	Underground Injection Control Wells
WWFAC.....	Waste Water Treatment Facilities
UST FINDER RELEASE.....	UST Finder Releases Database
UST FINDER.....	UST Finder Database

### 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.

## EXECUTIVE SUMMARY

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.

### ADDITIONAL ENVIRONMENTAL RECORDS

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

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

A review of the EMAP list, as provided by EDR, and dated 09/08/2022 has revealed that there are 6 EMAP sites within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ALORAVITA SOUTH Facility Status: ACTIVE ID Number: 225048		0 - 1/8 (0.000 mi.)	A1	8
EAGLE SUBSTATION NEW Facility Status: ACTIVE ID Number: 206831		0 - 1/8 (0.000 mi.)	B3	9
EAGLE SUBSTATION NEW Facility Status: ACTIVE ID Number: 207239		0 - 1/8 (0.000 mi.)	B8	12

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
83RD AVE FROM HAPPY Facility Status: ACTIVE ID Number: 180740		0 - 1/8 (0.000 mi.)	C4	9
ALORAVITA NORTH Facility Status: NOT ACTIVE ID Number: 215755		0 - 1/8 (0.000 mi.)	6	11
83RD AVE FROM HAPPY Facility Status: ACTIVE ID Number: 180557		0 - 1/8 (0.000 mi.)	C7	11

SPDES: NPDES permit sites

A review of the SPDES list, as provided by EDR, and dated 01/02/2024 has revealed that there are 2 SPDES sites within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ALORAVITA SOUTH	NONE	0 - 1/8 (0.000 mi.)	A2	8
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
THE TRAILHEAD RETAIL	NONE	0 - 1/8 (0.000 mi.)	5	10

## EXECUTIVE SUMMARY

There were no unmapped sites in this report.



# OVERVIEW MAP - 7578776.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

Power transmission lines

Pipelines

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

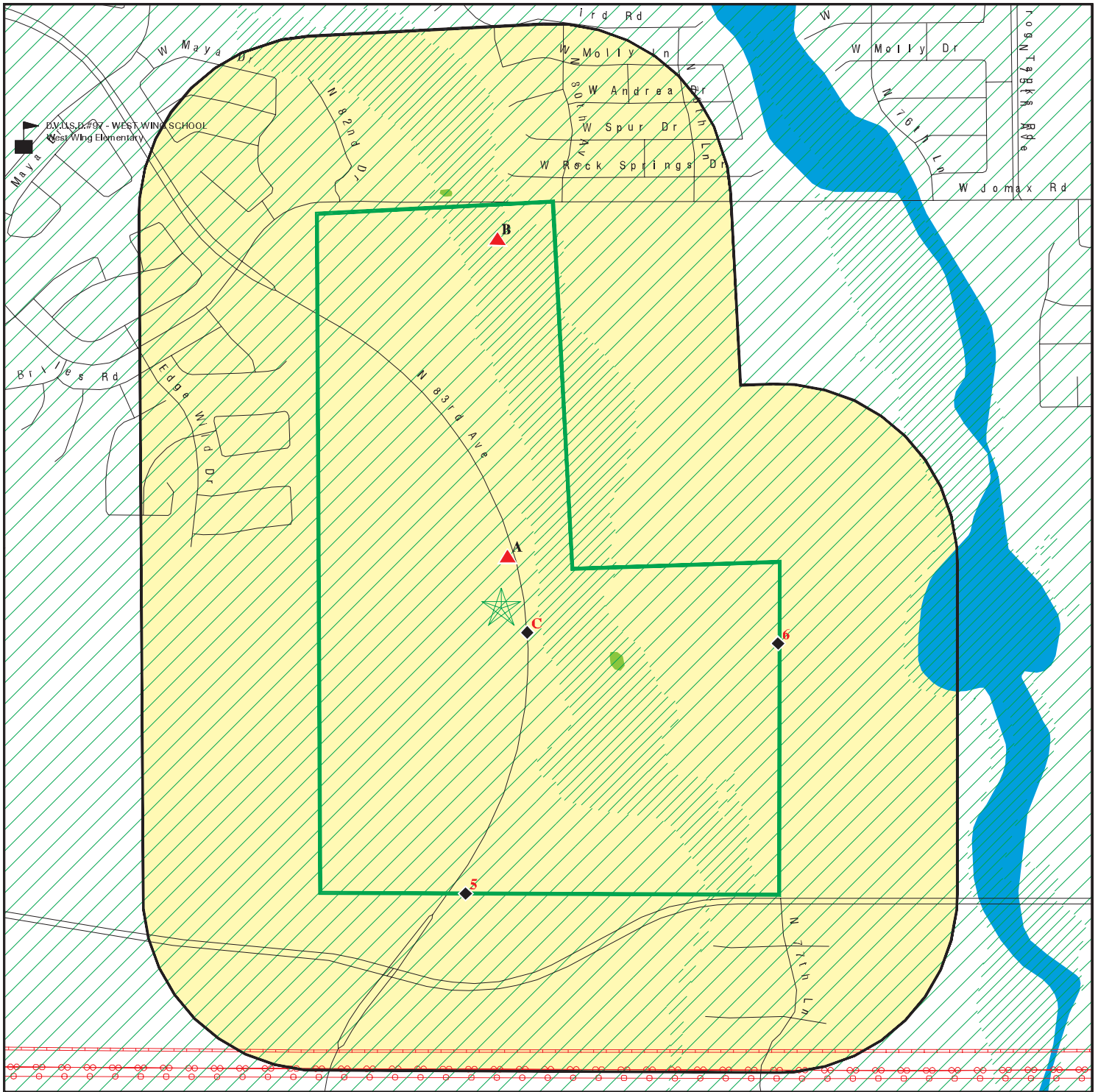


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Aloravita South Parcel 1,2 10 To 15  
 ADDRESS: Happy Valley and 83rd Ave  
 Peoria AZ 85383  
 LAT/LONG: 33.716836 / 112.233216

CLIENT: Geotechnical Testing & Inspections  
 CONTACT: Jennifer Jones  
 INQUIRY #: 7578776.2s  
 DATE: February 26, 2024 6:32 pm

# DETAIL MAP - 7578776.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Pipelines

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: Aloravita South Parcel 1,2 10 To 15  
 ADDRESS: Happy Valley and 83rd Ave  
 Peoria AZ 85383  
 LAT/LONG: 33.716836 / 112.233216

CLIENT: Geotechnical Testing & Inspections  
 CONTACT: Jennifer Jones  
 INQUIRY #: 7578776.2s  
 DATE: February 26, 2024 6:33 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Lists of Federal NPL (Superfund) sites</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal Delisted NPL sites</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal CERCLA sites with NFRAP</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA facilities undergoing Corrective Action</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal RCRA TSD facilities</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA generators</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>Lists of state- and tribal (Superfund) equivalent sites</i></b>								
AZ NPL	1.000		0	0	0	0	NR	0
AZ WQARF	1.000		0	0	0	0	NR	0
<b><i>Lists of state- and tribal hazardous waste facilities</i></b>								
SPL	1.000		0	0	0	0	NR	0
SHWS	1.000		0	0	0	0	NR	0
<b><i>Lists of state and tribal landfills and solid waste disposal facilities</i></b>								
SWF/LF	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
<b><i>Lists of state and tribal leaking storage tanks</i></b>								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal registered storage tanks</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal institutional control / engineering control registries</i></b>								
AZURITE	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal brownfield sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<b><i>Local Land Records</i></b>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<b><i>Records of Emergency Release Reports</i></b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
<b><i>Other Ascertainable Records</i></b>								
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	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**A1 ALORAVITA SOUTH**

**EMAP S128787347  
N/A**

< 1/8  
1 ft. **PEORIA, AZ 85383**

**Site 1 of 2 in cluster A**

**Relative:  
Higher**

EMAP:

**Actual:  
1362 ft.**

Name: ALORAVITA SOUTH  
Address: Not reported  
City,State,Zip: PEORIA, AZ 85383  
ID Number: 225048  
Township: 4N  
Range: 1E  
Section: 2  
Quarter 1: NW  
Quarter 2: SE  
Quarter 3: SW  
Latitude: 33.7178500  
Longitude: -112.2330600  
Collection Method: PROVIDED BY OWNER/OPERATOR  
Place Type: UNDEFINED PLACE TYPE  
Place Type Code: UND  
Place C Code: PP  
Facility Status: ACTIVE  
End Date: Not reported  
Verified: N

**A2 ALORAVITA SOUTH  
NONE**

**SPDES S131505305  
N/A**

< 1/8  
1 ft. **MARICOPA (County), AZ**

**Site 2 of 2 in cluster A**

**Relative:  
Higher**

NPDES:

**Actual:  
1362 ft.**

Name: ALORAVITA SOUTH  
Address: NONE  
City,State,Zip: AZ  
AZNPDES Number: Not reported  
Application Type: CGP  
Receive Date: 05/03/2022  
Approved Date: Not reported  
Term Void Date: Not reported  
Application Status: ISSUED  
Site Phone: Not reported  
Contact Name: MATT LINAMAN  
Operator Business Name: ASHTON WOODS ARIZONA, LLC - AWPHX  
Operator Address: 8655 E VIA DE VENTURA; STE F250, SCOTTSDALE AZ 85258  
Operator Phone: Not reported  
Operator Fax: Not reported  
Operator County: Not reported  
Type of Project: Subdivision  
Part of Larger Plan: Not reported  
Total Project Size: None  
Size of Operation: Not reported  
Site Direction: Not reported  
Start Date: 05/09/2022  
End Date: 04/27/2027  
Date Applied: 04/27/2022  
Date Submit: 05/03/2022  
Non Stormwater Discharges: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALORAVITA SOUTH (Continued)**

**S131505305**

Closest Receiving Water: Not reported  
MS4 Potential: Not reported  
MS4 Owner: Not reported  
SWPPP Location: Not reported  
SWPPP Contact Name: Cherie Koester  
SWPPP Contact Phone: 4804360041  
SWPPP Contact Email: mail@earthworksenv.com  
Within Quarter Mile: Not reported  
Within Half Mile: Not reported  
Signer Name: Not reported  
Signer Business Name: Not reported  
Signer Address: Not reported  
Signer Phone: Not reported  
Latitude: 33.71785  
Longitude: -112.23306

**B3 EAGLE SUBSTATION NEW FEEDER OUTFALL DISCHARGE #3**

**EMAP S126338132  
N/A**

**< 1/8  
1 ft.**

**Site 1 of 2 in cluster B**

**Relative:  
Higher  
Actual:  
1365 ft.**

EMAP:  
Name: EAGLE SUBSTATION NEW FEEDER OUTFALL DISCHARGE #3  
Address: Not reported  
City,State,Zip: AZ  
ID Number: 206831  
Township: Not reported  
Range: Not reported  
Section: Not reported  
Quarter 1: Not reported  
Quarter 2: Not reported  
Quarter 3: Not reported  
Latitude: 33.7243310  
Longitude: -112.2333080  
Collection Method: PROVIDED BY OWNER/OPERATOR  
Place Type: STORMWATER DISCHARGE POINT  
Place Type Code: STWDP  
Place C Code: RO  
Facility Status: ACTIVE  
End Date: Not reported  
Verified: Y

**C4 83RD AVE FROM HAPPY VALLEY TO JOMAX - DISCHARGE PO**

**EMAP S122977627  
N/A**

**< 1/8  
1 ft.**

**Site 1 of 2 in cluster C**

**Relative:  
Lower  
Actual:  
1354 ft.**

EMAP:  
Name: 83RD AVE FROM HAPPY VALLEY TO JOMAX - DISCHARGE POINT 83RD AVE FROM  
HAPPY VALLEY TO JOMAX  
Address: Not reported  
City,State,Zip: AZ  
ID Number: 180740  
Township: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

83RD AVE FROM HAPPY VALLEY TO JOMAX - DISCHARGE POINT 83RD A (Continued)

S122977627

Range: Not reported  
Section: Not reported  
Quarter 1: Not reported  
Quarter 2: Not reported  
Quarter 3: Not reported  
Latitude: 33.7162910  
Longitude: -112.2325770  
Collection Method: PROVIDED BY OWNER/OPERATOR  
Place Type: STORMWATER DISCHARGE POINT  
Place Type Code: STWDP  
Place C Code: RO  
Facility Status: ACTIVE  
End Date: Not reported  
Verified: Y

5

THE TRAILHEAD RETAIL CENTER  
NONE  
MARICOPA (County), AZ

SPDES S131505203  
N/A

< 1/8  
1 ft.

NPDES:

Relative:  
Lower

Name: THE TRAILHEAD RETAIL CENTER  
Address: NONE  
City,State,Zip: AZ  
AZNPDES Number: Not reported  
Application Type: CGP  
Receive Date: 10/05/2023  
Approved Date: Not reported  
Term Void Date: Not reported  
Application Status: ISSUED  
Site Phone: Not reported  
Contact Name: STEVE HEIL  
Operator Business Name: JAMES A CAMPBELL CONSTRUCTION DBA CAMPBELL DEVELOPMENT  
Operator Address: 2730 W AGUA FRIA FWY; STE 100, PHOENIX AZ 85027  
Operator Phone: Not reported  
Operator Fax: Not reported  
Operator County: Not reported  
Type of Project: Commercial  
Part of Larger Plan: Not reported  
Total Project Size: None  
Size of Operation: Not reported  
Site Direction: Not reported  
Start Date: 10/09/2023  
End Date: 10/09/2024  
Date Applied: 10/05/2023  
Date Submit: 10/05/2023  
Non Stormwater Discharges: Not reported  
Closest Receiving Water: Not reported  
MS4 Potential: Not reported  
MS4 Owner: Not reported  
SWPPP Location: Not reported  
SWPPP Contact Name: Ray Winn  
SWPPP Contact Phone: 6236927658  
SWPPP Contact Email: rwinn@campbell-development.com  
Within Quarter Mile: Not reported  
Within Half Mile: Not reported  
Signer Name: Not reported  
Signer Business Name: Not reported

Actual:  
1354 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THE TRAILHEAD RETAIL CENTER (Continued)**

**S131505203**

Signer Address: Not reported  
Signer Phone: Not reported  
Latitude: 33.710961  
Longitude: -112.234087

**6**

**ALORAVITA NORTH**

**EMAP S127766442  
N/A**

**< 1/8  
1 ft.**

**PEORIA, AZ 85383**

**Relative:  
Lower**

**Actual:  
1347 ft.**

**EMAP:**

Name: ALORAVITA NORTH  
Address: Not reported  
City,State,Zip: PEORIA, AZ 85383  
ID Number: 215755  
Township: 4N  
Range: 1E  
Section: 2  
Quarter 1: SE  
Quarter 2: NW  
Quarter 3: SE  
Latitude: 33.7160670  
Longitude: -112.2264550  
Collection Method: PROVIDED BY OWNER/OPERATOR  
Place Type: UNDEFINED PLACE TYPE  
Place Type Code: UND  
Place C Code: PP  
Facility Status: NOT ACTIVE  
End Date: 07/30/2021  
Verified: N

**C7**

**83RD AVE FROM HAPPY VALLEY ROAD TO JOMAX ROAD - DI**

**EMAP S122977446  
N/A**

**< 1/8  
1 ft.**

**, AZ**

**Site 2 of 2 in cluster C**

**Relative:  
Lower**

**Actual:  
1354 ft.**

**EMAP:**

Name: 83RD AVE FROM HAPPY VALLEY ROAD TO JOMAX ROAD - DISCHARGE POINT 83RD AVE FROM HAPPY VALLEY TO JOMAX  
Address: Not reported  
City,State,Zip: AZ  
ID Number: 180557  
Township: Not reported  
Range: Not reported  
Section: Not reported  
Quarter 1: Not reported  
Quarter 2: Not reported  
Quarter 3: Not reported  
Latitude: 33.7162910  
Longitude: -112.2325770  
Collection Method: PROVIDED BY OWNER/OPERATOR  
Place Type: STORMWATER DISCHARGE POINT  
Place Type Code: STWDP  
Place C Code: RO  
Facility Status: ACTIVE

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**83RD AVE FROM HAPPY VALLEY ROAD TO JOMAX ROAD - DISCHARGE PO (Continued)**

**S122977446**

End Date: Not reported  
 Verified: Y

**B8 EAGLE SUBSTATION NEW FEEDER OUTFALL DISCHARGE #3**

**EMAP S126338423  
 N/A**

< 1/8  
 1 ft.

, AZ

**Site 2 of 2 in cluster B**

**Relative:  
 Higher  
 Actual:  
 1365 ft.**

EMAP:  
 Name: EAGLE SUBSTATION NEW FEEDER OUTFALL DISCHARGE #3  
 Address: Not reported  
 City, State, Zip: AZ  
 ID Number: 207239  
 Township: Not reported  
 Range: Not reported  
 Section: Not reported  
 Quarter 1: Not reported  
 Quarter 2: Not reported  
 Quarter 3: Not reported  
 Latitude: 33.7243310  
 Longitude: -112.2333080  
 Collection Method: PROVIDED BY OWNER/OPERATOR  
 Place Type: STORMWATER DISCHARGE POINT  
 Place Type Code: STWDP  
 Place C Code: RO  
 Facility Status: ACTIVE  
 End Date: Not reported  
 Verified: Y

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**

### ***Lists of Federal NPL (Superfund) sites***

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

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

Date of Government Version: 12/26/2023	Source: EPA
Date Data Arrived at EDR: 01/02/2024	Telephone: N/A
Date Made Active in Reports: 01/24/2024	Last EDR Contact: 02/01/2024
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/08/2024
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

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

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

Date of Government Version: 12/26/2023	Source: EPA
Date Data Arrived at EDR: 01/02/2024	Telephone: N/A
Date Made Active in Reports: 01/24/2024	Last EDR Contact: 02/01/2024
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/08/2024
	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

## ***Lists of Federal Delisted NPL sites***

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/26/2023  
Date Data Arrived at EDR: 01/02/2024  
Date Made Active in Reports: 01/24/2024  
Number of Days to Update: 22

Source: EPA  
Telephone: N/A  
Last EDR Contact: 02/01/2024  
Next Scheduled EDR Contact: 04/08/2024  
Data Release Frequency: Quarterly

## ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

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: 12/20/2023  
Date Data Arrived at EDR: 12/20/2023  
Date Made Active in Reports: 01/24/2024  
Number of Days to Update: 35

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 12/20/2023  
Next Scheduled EDR Contact: 04/08/2024  
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: 01/29/2024  
Date Data Arrived at EDR: 02/01/2024  
Date Made Active in Reports: 02/22/2024  
Number of Days to Update: 21

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 02/01/2024  
Next Scheduled EDR Contact: 04/22/2024  
Data Release Frequency: Quarterly

## ***Lists of Federal CERCLA sites with NFRAP***

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: 01/29/2024	Source: EPA
Date Data Arrived at EDR: 02/01/2024	Telephone: 800-424-9346
Date Made Active in Reports: 02/22/2024	Last EDR Contact: 02/01/2024
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/22/2024
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/04/2023	Source: EPA
Date Data Arrived at EDR: 12/06/2023	Telephone: 800-424-9346
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA TSD facilities***

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: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA generators***

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: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	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: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	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: 12/04/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 12/12/2023	Last EDR Contact: 12/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 04/01/2024
	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: 08/03/2023	Source: Department of the Navy
Date Data Arrived at EDR: 08/07/2023	Telephone: 843-820-7326
Date Made Active in Reports: 10/10/2023	Last EDR Contact: 02/02/2024
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/20/2024
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 10/26/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2023	Telephone: 703-603-0695
Date Made Active in Reports: 02/13/2024	Last EDR Contact: 02/21/2024
Number of Days to Update: 88	Next Scheduled EDR Contact: 06/03/2024
	Data Release Frequency: Varies

### US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 10/26/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2023	Telephone: 703-603-0695
Date Made Active in Reports: 02/13/2024	Last EDR Contact: 02/21/2024
Number of Days to Update: 88	Next Scheduled EDR Contact: 06/03/2024
	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: 09/18/2023  
Date Data Arrived at EDR: 09/20/2023  
Date Made Active in Reports: 12/11/2023  
Number of Days to Update: 82

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 12/13/2023  
Next Scheduled EDR Contact: 04/01/2024  
Data Release Frequency: Quarterly

## ***Lists of state- and tribal (Superfund) equivalent sites***

### AZ NPL: NPL Detail Listing

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

Date of Government Version: 03/31/2023  
Date Data Arrived at EDR: 05/25/2023  
Date Made Active in Reports: 08/14/2023  
Number of Days to Update: 81

Source: Department of Environmental Quality  
Telephone: 602-771-4609  
Last EDR Contact: 02/12/2024  
Next Scheduled EDR Contact: 05/27/2024  
Data Release Frequency: Varies

### WQARF: Water Quality Assurance Revolving Fund Sites

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

Date of Government Version: 03/31/2023  
Date Data Arrived at EDR: 05/24/2023  
Date Made Active in Reports: 08/14/2023  
Number of Days to Update: 82

Source: Department of Environmental Quality  
Telephone: 602-771-4360  
Last EDR Contact: 02/12/2024  
Next Scheduled EDR Contact: 05/27/2024  
Data Release Frequency: Annually

## ***Lists of state- and tribal hazardous waste facilities***

### 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: 01/22/2024  
Next Scheduled EDR Contact: 05/06/2024  
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: 12/05/2023  
Next Scheduled EDR Contact: 03/25/2024  
Data Release Frequency: No Update Planned

## ***Lists of state and tribal landfills and solid waste disposal facilities***

### 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: 09/06/2023  
Date Data Arrived at EDR: 09/28/2023  
Date Made Active in Reports: 12/19/2023  
Number of Days to Update: 82

Source: Department of Environmental Quality  
Telephone: 602-771-2300  
Last EDR Contact: 01/02/2024  
Next Scheduled EDR Contact: 04/15/2024  
Data Release Frequency: Varies

## TUCSON LF: City of Tucson Landfills Listing

Location and area of landfills owned by the City of Tucson.

Date of Government Version: 07/11/2022  
Date Data Arrived at EDR: 07/13/2022  
Date Made Active in Reports: 11/15/2022  
Number of Days to Update: 125

Source: Tucson Department of Environmental and General Services  
Telephone: 520-791-3171  
Last EDR Contact: 01/03/2024  
Next Scheduled EDR Contact: 04/15/2024  
Data Release Frequency: Varies

## ***Lists of state and tribal leaking storage tanks***

### 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: 12/18/2023  
Date Data Arrived at EDR: 01/03/2024  
Date Made Active in Reports: 02/13/2024  
Number of Days to Update: 41

Source: Department of Environmental Quality  
Telephone: 602-771-4345  
Last EDR Contact: 01/03/2024  
Next Scheduled EDR Contact: 04/15/2024  
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 04/20/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 01/17/2024  
Next Scheduled EDR Contact: 04/29/2024  
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: 04/20/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 01/17/2024  
Next Scheduled EDR Contact: 04/29/2024  
Data Release Frequency: Varies

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

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

Date of Government Version: 04/19/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 01/17/2024  
Next Scheduled EDR Contact: 04/29/2024  
Data Release Frequency: Varies

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

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/25/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 01/17/2024  
Next Scheduled EDR Contact: 04/29/2024  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/19/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3372
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land  
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023	Source: EPA, Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-7439
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-6597
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	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: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 01/17/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

## ***Lists of state and tribal registered storage tanks***

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 11/16/2023	Source: FEMA
Date Data Arrived at EDR: 11/16/2023	Telephone: 202-646-5797
Date Made Active in Reports: 02/13/2024	Last EDR Contact: 01/11/2024
Number of Days to Update: 89	Next Scheduled EDR Contact: 04/15/2024
	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: 10/03/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/15/2023	Telephone: 602-771-4345
Date Made Active in Reports: 11/16/2023	Last EDR Contact: 01/03/2024
Number of Days to Update: 1	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Annually

AST 2: Aboveground Storage Tank Listing

A listing of aboveground storage tank site locations.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/31/2023  
Date Data Arrived at EDR: 09/07/2023  
Date Made Active in Reports: 11/20/2023  
Number of Days to Update: 74

Source: Department of Environmental Quality  
Telephone: 602-771-4380  
Last EDR Contact: 11/28/2023  
Next Scheduled EDR Contact: 03/18/2024  
Data Release Frequency: Varies

## 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  
Date Data Arrived at EDR: 12/06/2019  
Date Made Active in Reports: 01/31/2020  
Number of Days to Update: 56

Source: Department of Building & Fire Safety  
Telephone: 602-364-1003  
Last EDR Contact: 11/28/2023  
Next Scheduled EDR Contact: 03/18/2024  
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 04/19/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 01/17/2024  
Next Scheduled EDR Contact: 04/29/2024  
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: 04/20/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 01/17/2024  
Next Scheduled EDR Contact: 04/29/2024  
Data Release Frequency: Varies

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

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

Date of Government Version: 04/20/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 01/17/2024  
Next Scheduled EDR Contact: 04/29/2024  
Data Release Frequency: Varies

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

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

Date of Government Version: 04/20/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 01/17/2024  
Next Scheduled EDR Contact: 04/29/2024  
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: 04/25/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 01/17/2024  
Next Scheduled EDR Contact: 04/29/2024  
Data Release Frequency: Varies

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

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

Date of Government Version: 04/26/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 01/17/2024  
Next Scheduled EDR Contact: 04/29/2024  
Data Release Frequency: Varies

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

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

Date of Government Version: 04/14/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 01/17/2024  
Next Scheduled EDR Contact: 04/29/2024  
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: 04/20/2023  
Date Data Arrived at EDR: 05/09/2023  
Date Made Active in Reports: 07/14/2023  
Number of Days to Update: 66

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 01/17/2024  
Next Scheduled EDR Contact: 04/29/2024  
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: 11/10/2023  
Date Data Arrived at EDR: 11/10/2023  
Date Made Active in Reports: 02/06/2024  
Number of Days to Update: 88

Source: Department of Environmental Quality  
Telephone: 602-771-4397  
Last EDR Contact: 12/05/2023  
Next Scheduled EDR Contact: 03/25/2024  
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: 11/10/2023  
Date Data Arrived at EDR: 11/10/2023  
Date Made Active in Reports: 02/06/2024  
Number of Days to Update: 88

Source: Department of Environmental Quality  
Telephone: 602-771-4397  
Last EDR Contact: 12/05/2023  
Next Scheduled EDR Contact: 03/25/2024  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Lists of state and tribal voluntary cleanup sites***

### VCP: Voluntary Remediation Program Sites

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 12/21/2022

Source: Department of Environmental Quality

Date Data Arrived at EDR: 03/30/2023

Telephone: 602-771-4411

Date Made Active in Reports: 06/12/2023

Last EDR Contact: 12/18/2023

Number of Days to Update: 74

Next Scheduled EDR Contact: 04/08/2024

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: 07/08/2021

Number of Days to Update: 27

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015

Source: EPA, Region 1

Date Data Arrived at EDR: 09/29/2015

Telephone: 617-918-1102

Date Made Active in Reports: 02/18/2016

Last EDR Contact: 12/12/2023

Number of Days to Update: 142

Next Scheduled EDR Contact: 04/01/2024

Data Release Frequency: Varies

## ***Lists of state and tribal brownfield sites***

### BROWNFIELDS: Brownfields Tracking System

Information relating to Brownfields sites in Arizona.

Date of Government Version: 09/08/2022

Source: Department of Environmental Quality

Date Data Arrived at EDR: 09/09/2022

Telephone: 602-771-4401

Date Made Active in Reports: 12/08/2022

Last EDR Contact: 12/18/2023

Number of Days to Update: 90

Next Scheduled EDR Contact: 04/08/2024

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: 08/15/2023

Source: Environmental Protection Agency

Date Data Arrived at EDR: 08/30/2023

Telephone: 202-566-2777

Date Made Active in Reports: 12/01/2023

Last EDR Contact: 12/14/2023

Number of Days to Update: 93

Next Scheduled EDR Contact: 03/25/2024

Data Release Frequency: Semi-Annually

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 11/06/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/07/2023	Telephone: 602-771-4132
Date Made Active in Reports: 11/14/2023	Last EDR Contact: 02/20/2024
Number of Days to Update: 7	Next Scheduled EDR Contact: 06/03/2024
	Data Release Frequency: Varies

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 01/26/2024
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/06/2024
	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	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 01/11/2024
Number of Days to Update: 137	Next Scheduled EDR Contact: 04/29/2024
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	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	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 01/17/2024
Number of Days to Update: 176	Next Scheduled EDR Contact: 05/06/2024
	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: 11/17/2023	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/17/2023	Telephone: 202-307-1000
Date Made Active in Reports: 02/07/2024	Last EDR Contact: 02/21/2024
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/03/2024
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 12/12/2023  
Next Scheduled EDR Contact: 04/01/2024  
Data Release Frequency: Varies

## 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: 11/17/2023  
Date Data Arrived at EDR: 11/17/2023  
Date Made Active in Reports: 02/07/2024  
Number of Days to Update: 82

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/21/2024  
Next Scheduled EDR Contact: 06/03/2024  
Data Release Frequency: Quarterly

## **Local Land Records**

### LIENS 2: CERCLA Lien Information

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

Date of Government Version: 11/14/2023  
Date Data Arrived at EDR: 12/22/2023  
Date Made Active in Reports: 01/24/2024  
Number of Days to Update: 33

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 02/01/2024  
Next Scheduled EDR Contact: 04/08/2024  
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: 09/18/2023  
Date Data Arrived at EDR: 09/20/2023  
Date Made Active in Reports: 11/14/2023  
Number of Days to Update: 55

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 12/13/2023  
Next Scheduled EDR Contact: 04/01/2024  
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  
Date Data Arrived at EDR: 06/28/2007  
Date Made Active in Reports: 07/24/2007  
Number of Days to Update: 26

Source: Department of Environmental Quality  
Telephone: 602-771-4153  
Last EDR Contact: 02/16/2024  
Next Scheduled EDR Contact: 06/03/2024  
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: 12/04/2023  
Date Data Arrived at EDR: 12/06/2023  
Date Made Active in Reports: 12/12/2023  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 12/06/2023  
Next Scheduled EDR Contact: 04/01/2024  
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: 09/28/2023  
Date Data Arrived at EDR: 11/10/2023  
Date Made Active in Reports: 02/07/2024  
Number of Days to Update: 89

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 02/13/2024  
Next Scheduled EDR Contact: 05/27/2024  
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: 06/07/2021  
Date Data Arrived at EDR: 07/13/2021  
Date Made Active in Reports: 03/09/2022  
Number of Days to Update: 239

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 01/10/2024  
Next Scheduled EDR Contact: 04/22/2024  
Data Release Frequency: Varies

### **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: 01/05/2024  
Next Scheduled EDR Contact: 04/15/2024  
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: 07/30/2021  
Date Data Arrived at EDR: 02/03/2023  
Date Made Active in Reports: 02/10/2023  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 02/06/2024  
Next Scheduled EDR Contact: 05/20/2024  
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: 09/18/2023  
Date Data Arrived at EDR: 09/20/2023  
Date Made Active in Reports: 12/12/2023  
Number of Days to Update: 83

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 12/13/2023  
Next Scheduled EDR Contact: 04/01/2024  
Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

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

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

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 01/29/2024  
Next Scheduled EDR Contact: 05/13/2024  
Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

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

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

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 02/02/2024  
Next Scheduled EDR Contact: 05/13/2024  
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: 12/31/2020  
Date Data Arrived at EDR: 06/14/2022  
Date Made Active in Reports: 03/24/2023  
Number of Days to Update: 283

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 12/14/2023  
Next Scheduled EDR Contact: 03/25/2024  
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: 12/31/2022  
Date Data Arrived at EDR: 11/13/2023  
Date Made Active in Reports: 02/07/2024  
Number of Days to Update: 86

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 02/15/2024  
Next Scheduled EDR Contact: 05/27/2024  
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: 10/19/2023  
Date Data Arrived at EDR: 10/20/2023  
Date Made Active in Reports: 01/16/2024  
Number of Days to Update: 88

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 01/17/2024  
Next Scheduled EDR Contact: 04/29/2024  
Data Release Frequency: Annually

## ROD: Records Of Decision

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

Date of Government Version: 12/26/2023  
Date Data Arrived at EDR: 01/02/2024  
Date Made Active in Reports: 01/24/2024  
Number of Days to Update: 22

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 02/01/2024  
Next Scheduled EDR Contact: 03/11/2024  
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: 09/01/2023  
Date Data Arrived at EDR: 09/27/2023  
Date Made Active in Reports: 12/21/2023  
Number of Days to Update: 85

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 01/12/2024  
Next Scheduled EDR Contact: 04/19/2024  
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: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-564-6023
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 02/01/2024
Number of Days to Update: 16	Next Scheduled EDR Contact: 05/13/2024
	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: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 01/05/2024
Number of Days to Update: 66	Next Scheduled EDR Contact: 04/15/2024
	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: 12/26/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/15/2024
	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: 07/20/2023	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/01/2023	Telephone: 301-415-0717
Date Made Active in Reports: 09/20/2023	Last EDR Contact: 01/11/2024
Number of Days to Update: 19	Next Scheduled EDR Contact: 04/29/2024
	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: 12/31/2022	Source: Department of Energy
Date Data Arrived at EDR: 11/27/2023	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2024	Last EDR Contact: 02/23/2024
Number of Days to Update: 87	Next Scheduled EDR Contact: 06/10/2024
	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: 02/23/2024
Number of Days to Update: 251	Next Scheduled EDR Contact: 06/10/2024
	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: 02/02/2024
Number of Days to Update: 96	Next Scheduled EDR Contact: 05/13/2024
	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: 12/19/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 04/08/2024
	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: 01/05/2024  
Next Scheduled EDR Contact: 05/06/2024  
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: 12/31/2023  
Date Data Arrived at EDR: 01/11/2024  
Date Made Active in Reports: 01/16/2024  
Number of Days to Update: 5

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/03/2024  
Next Scheduled EDR Contact: 04/15/2024  
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: 12/31/2021  
Date Data Arrived at EDR: 03/09/2023  
Date Made Active in Reports: 03/20/2023  
Number of Days to Update: 11

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 12/06/2023  
Next Scheduled EDR Contact: 04/01/2024  
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: 01/02/2024  
Next Scheduled EDR Contact: 04/15/2024  
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: 03/03/2023  
Date Data Arrived at EDR: 03/03/2023  
Date Made Active in Reports: 06/09/2023  
Number of Days to Update: 98

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 01/29/2024  
Next Scheduled EDR Contact: 05/13/2024  
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: 02/15/2024  
Next Scheduled EDR Contact: 05/27/2024  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/26/2024  
Date Data Arrived at EDR: 01/02/2024  
Date Made Active in Reports: 01/24/2024  
Number of Days to Update: 22

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 02/01/2024  
Next Scheduled EDR Contact: 04/08/2024  
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

## MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 01/02/2024  
Date Data Arrived at EDR: 01/03/2024  
Date Made Active in Reports: 01/04/2024  
Number of Days to Update: 1

Source: DOL, Mine Safety & Health Administration  
Telephone: 202-693-9424  
Last EDR Contact: 01/03/2024  
Next Scheduled EDR Contact: 05/20/2024  
Data Release Frequency: Quarterly

## US MINES: Mines Master Index File

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/01/2023  
Date Data Arrived at EDR: 11/17/2023  
Date Made Active in Reports: 02/13/2024  
Number of Days to Update: 88

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 02/21/2024  
Next Scheduled EDR Contact: 06/03/2024  
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 01/07/2022  
Date Data Arrived at EDR: 02/24/2023  
Date Made Active in Reports: 05/17/2023  
Number of Days to Update: 82

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 02/22/2024  
Next Scheduled EDR Contact: 06/03/2024  
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: 02/22/2024  
Next Scheduled EDR Contact: 06/03/2024  
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: 11/28/2023  
Date Data Arrived at EDR: 11/29/2023  
Date Made Active in Reports: 12/11/2023  
Number of Days to Update: 12

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 11/28/2023  
Next Scheduled EDR Contact: 03/18/2024  
Data Release Frequency: Quarterly

## MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 08/23/2022  
Date Data Arrived at EDR: 11/22/2022  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 98

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 02/22/2024  
Next Scheduled EDR Contact: 06/03/2024  
Data Release Frequency: Varies

## 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: 11/03/2023  
Date Data Arrived at EDR: 11/08/2023  
Date Made Active in Reports: 11/20/2023  
Number of Days to Update: 12

Source: EPA  
Telephone: (415) 947-8000  
Last EDR Contact: 11/08/2023  
Next Scheduled EDR Contact: 03/11/2024  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-564-2280
Date Made Active in Reports: 01/04/2024	Last EDR Contact: 12/28/2023
Number of Days to Update: 93	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023	Source: Department of Defense
Date Data Arrived at EDR: 09/13/2023	Telephone: 703-704-1564
Date Made Active in Reports: 12/11/2023	Last EDR Contact: 01/05/2024
Number of Days to Update: 89	Next Scheduled EDR Contact: 04/22/2024
	Data Release Frequency: Varies

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 02/20/2024
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/03/2024
	Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 11/10/2023	Source: EPA
Date Data Arrived at EDR: 11/10/2023	Telephone: 800-385-6164
Date Made Active in Reports: 02/07/2024	Last EDR Contact: 02/13/2024
Number of Days to Update: 89	Next Scheduled EDR Contact: 05/27/2024
	Data Release Frequency: Quarterly

## PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 703-603-8895
Date Made Active in Reports: 12/21/2023	Last EDR Contact: 12/28/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies

## PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-272-0167
Date Made Active in Reports: 12/21/2023	Last EDR Contact: 12/28/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/28/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2023	Telephone: 202-272-0167
Date Made Active in Reports: 01/04/2024	Last EDR Contact: 12/28/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies

## PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/28/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2023	Telephone: 202-566-0250
Date Made Active in Reports: 01/04/2024	Last EDR Contact: 12/28/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies

## PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST\_HANDLING\_INSTR), Non-hazardous waste description (NON\_HAZ\_WASTE\_DESCRIPTION), DOT printed information (DOT\_PRINTED\_INFORMATION), Waste line handling instructions (WASTE\_LINE\_HANDLING\_INSTR), Waste residue comments (WASTE\_RESIDUE\_COMMENTS).

Date of Government Version: 12/28/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/28/2023	Telephone: 202-272-0167
Date Made Active in Reports: 01/04/2024	Last EDR Contact: 12/28/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies

## PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020	Source: Department of Health & Human Services
Date Data Arrived at EDR: 03/17/2021	Telephone: 202-741-5770
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/22/2024
Number of Days to Update: 601	Next Scheduled EDR Contact: 05/06/2024
	Data Release Frequency: Varies

## PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-272-0167
Date Made Active in Reports: 10/10/2023	Last EDR Contact: 12/28/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-272-0167
Date Made Active in Reports: 01/04/2024	Last EDR Contact: 12/28/2023
Number of Days to Update: 93	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies

## PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-272-0167
Date Made Active in Reports: 12/21/2023	Last EDR Contact: 12/28/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies

## PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facility's name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset, as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-272-0167
Date Made Active in Reports: 12/21/2023	Last EDR Contact: 12/28/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies

## PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-272-0167
Date Made Active in Reports: 12/21/2023	Last EDR Contact: 12/28/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-267-2675
Date Made Active in Reports: 12/21/2023	Last EDR Contact: 12/28/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies

## PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 02/05/2015	Telephone: 202-564-2497
Date Made Active in Reports: 03/06/2015	Last EDR Contact: 12/27/2023
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: Varies

## PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016	Source: EPA, Office of Water
Date Data Arrived at EDR: 01/06/2017	Telephone: 202-564-2496
Date Made Active in Reports: 03/10/2017	Last EDR Contact: 12/27/2023
Number of Days to Update: 63	Next Scheduled EDR Contact: 04/15/2024
	Data Release Frequency: No Update Planned

## BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 12/31/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2024	Telephone: 202-564-4700
Date Made Active in Reports: 01/16/2024	Last EDR Contact: 01/03/2024
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/29/2024
	Data Release Frequency: Varies

## 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: 09/22/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 05/03/2022	Telephone: 602-364-3118
Date Made Active in Reports: 07/20/2022	Last EDR Contact: 01/26/2024
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/13/2024
	Data Release Frequency: Varies

## AQUEOUS FOAM: Aqueous Film Forming Foam Listing

When AFFF is used, discharged or released to the environment, containment and cleanup may be required to prevent future adverse health or environmental impacts.

Date of Government Version: 11/14/2020	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/22/2022	Telephone: 602-771-6145
Date Made Active in Reports: 04/26/2022	Last EDR Contact: 01/26/2024
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/13/2024
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 12/28/2023  
Date Data Arrived at EDR: 01/04/2024  
Date Made Active in Reports: 01/24/2024  
Number of Days to Update: 20

Source: Department of Environmental Quality  
Telephone: 602-771-2344  
Last EDR Contact: 12/18/2023  
Next Scheduled EDR Contact: 04/08/2024  
Data Release Frequency: Semi-Annually

## AQUIFER: Aquifer Protection Permits List

Facilities with an Aquifer Protection permit (APP), that discharges either directly to an aquifer or to the land surface or the vadose zone in such a manner that there is a reasonable probability that the pollutant will reach an aquifer.

Date of Government Version: 11/06/2023  
Date Data Arrived at EDR: 11/09/2023  
Date Made Active in Reports: 02/06/2024  
Number of Days to Update: 89

Source: Department of Environmental Quality  
Telephone: 602-771-4623  
Last EDR Contact: 02/05/2024  
Next Scheduled EDR Contact: 05/20/2024  
Data Release Frequency: Semi-Annually

## DOD: Department of Defense Sites

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

Date of Government Version: 03/31/2023  
Date Data Arrived at EDR: 05/17/2023  
Date Made Active in Reports: 08/04/2023  
Number of Days to Update: 79

Source: Department of Environmental Quality  
Telephone: 602-771-4360  
Last EDR Contact: 02/12/2024  
Next Scheduled EDR Contact: 05/27/2024  
Data Release Frequency: Annually

## DRY WELLS: Drywell Registration

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

Date of Government Version: 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: 02/12/2024  
Next Scheduled EDR Contact: 05/27/2024  
Data Release Frequency: Semi-Annually

## DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facilities in Arizona.

Date of Government Version: 06/17/2019  
Date Data Arrived at EDR: 07/20/2020  
Date Made Active in Reports: 10/07/2020  
Number of Days to Update: 79

Source: Department of Environmental Quality  
Telephone: 602-771-4335  
Last EDR Contact: 12/05/2023  
Next Scheduled EDR Contact: 03/25/2024  
Data Release Frequency: No Update Planned

## 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: 09/08/2022  
Date Data Arrived at EDR: 09/13/2022  
Date Made Active in Reports: 11/28/2022  
Number of Days to Update: 76

Source: Department of Environmental Quality  
Telephone: 602-771-4380  
Last EDR Contact: 11/21/2023  
Next Scheduled EDR Contact: 03/11/2024  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ENF: Enforcement and Violation Listing

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

Date of Government Version: 10/20/2023  
Date Data Arrived at EDR: 10/24/2023  
Date Made Active in Reports: 01/16/2024  
Number of Days to Update: 84

Source: Department of Environmental Quality  
Telephone: 602-771-4424  
Last EDR Contact: 01/22/2024  
Next Scheduled EDR Contact: 05/06/2024  
Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for ust sites.

Date of Government Version: 09/13/2023  
Date Data Arrived at EDR: 09/14/2023  
Date Made Active in Reports: 12/04/2023  
Number of Days to Update: 81

Source: Department of Environmental Quality  
Telephone: 602-771-4258  
Last EDR Contact: 12/12/2023  
Next Scheduled EDR Contact: 04/01/2024  
Data Release Frequency: Varies

## AZ MANIFEST: Manifest Information

Hazardous waste manifest information

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 06/15/2021  
Date Made Active in Reports: 09/09/2021  
Number of Days to Update: 86

Source: Department of Environmental Quality  
Telephone: N/A  
Last EDR Contact: 12/05/2023  
Next Scheduled EDR Contact: 03/25/2024  
Data Release Frequency: Annually

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

NPDES permit sites

Date of Government Version: 01/02/2024  
Date Data Arrived at EDR: 01/03/2024  
Date Made Active in Reports: 01/24/2024  
Number of Days to Update: 21

Source: Department of Environmental Quality  
Telephone: 602-771-4424  
Last EDR Contact: 12/26/2023  
Next Scheduled EDR Contact: 04/15/2024  
Data Release Frequency: Varies

## VAPOR: Vapor Intrusion

A listing of vapor intrusion site locations

Date of Government Version: 04/21/2021  
Date Data Arrived at EDR: 04/22/2021  
Date Made Active in Reports: 07/09/2021  
Number of Days to Update: 78

Source: Department of Environmental Quality  
Telephone: 602-771-4197  
Last EDR Contact: 12/18/2023  
Next Scheduled EDR Contact: 04/08/2024  
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: 01/22/2024  
Next Scheduled EDR Contact: 05/06/2024  
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: 01/11/2024  
Next Scheduled EDR Contact: 04/29/2024  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/31/2023	Telephone: 202-564-0394
Date Made Active in Reports: 01/18/2024	Last EDR Contact: 02/09/2024
Number of Days to Update: 79	Next Scheduled EDR Contact: 05/20/2024
	Data Release Frequency: Semi-Annually

## UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories. UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2023	Telephone: 202-564-0394
Date Made Active in Reports: 01/18/2024	Last EDR Contact: 02/09/2024
Number of Days to Update: 106	Next Scheduled EDR Contact: 05/20/2024
	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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: 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	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/02/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 185	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	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/15/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 198	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	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/02/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 185	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## OTHER DATABASE(S)

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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 11/06/2023  
Date Data Arrived at EDR: 11/07/2023  
Date Made Active in Reports: 01/31/2024  
Number of Days to Update: 85

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 02/06/2024  
Next Scheduled EDR Contact: 05/20/2024  
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: 12/31/2019  
Date Data Arrived at EDR: 11/30/2023  
Date Made Active in Reports: 12/01/2023  
Number of Days to Update: 1

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 01/26/2024  
Next Scheduled EDR Contact: 05/06/2024  
Data Release Frequency: Quarterly

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020  
Date Data Arrived at EDR: 11/30/2021  
Date Made Active in Reports: 02/18/2022  
Number of Days to Update: 80

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 02/12/2024  
Next Scheduled EDR Contact: 05/27/2024  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 06/19/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 76

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 11/29/2023  
Next Scheduled EDR Contact: 03/18/2024  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: Endeavor Business Media

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

## Electric Power Transmission Line Data

Source: Endeavor Business Media

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

## AHA Hospitals:

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

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

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

Source: Department of Health Services

Telephone: 602-674-4220

**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, 2010 and 2015 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Riparian Vegetation Associated with Perennial Waters

Source: State Land Department

Telephone: 602-542-4094

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **STREET AND ADDRESS INFORMATION**

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

ALORAVITA SOUTH PARCEL 1,2 10 TO 15  
HAPPY VALLEY AND 83RD AVE  
PEORIA, AZ 85383

### TARGET PROPERTY COORDINATES

Latitude (North): 33.716836 - 33° 43' 0.61"  
Longitude (West): 112.233216 - 112° 13' 59.58"  
Universal Transverse Mercator: Zone 12  
UTM X (Meters): 385732.7  
UTM Y (Meters): 3731249.2  
Elevation: 1360 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map: 50000444 HEDGPETH HILLS, AZ  
Version Date: 2021  
  
Southwest Map: 50000143 CALDERWOOD BUTTE, AZ  
Version Date: 2021

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

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

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

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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

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

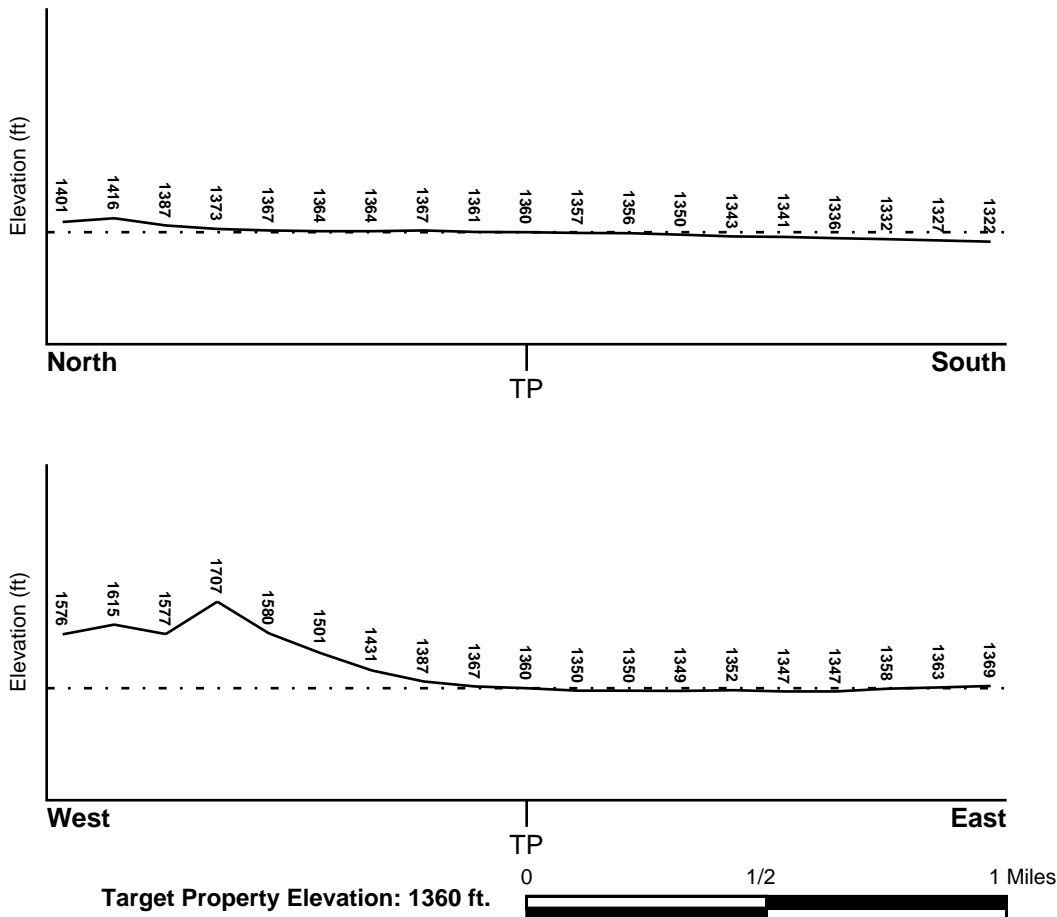
## TOPOGRAPHIC INFORMATION

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

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

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

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

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
04013C1255L	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
04013C1235L	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**

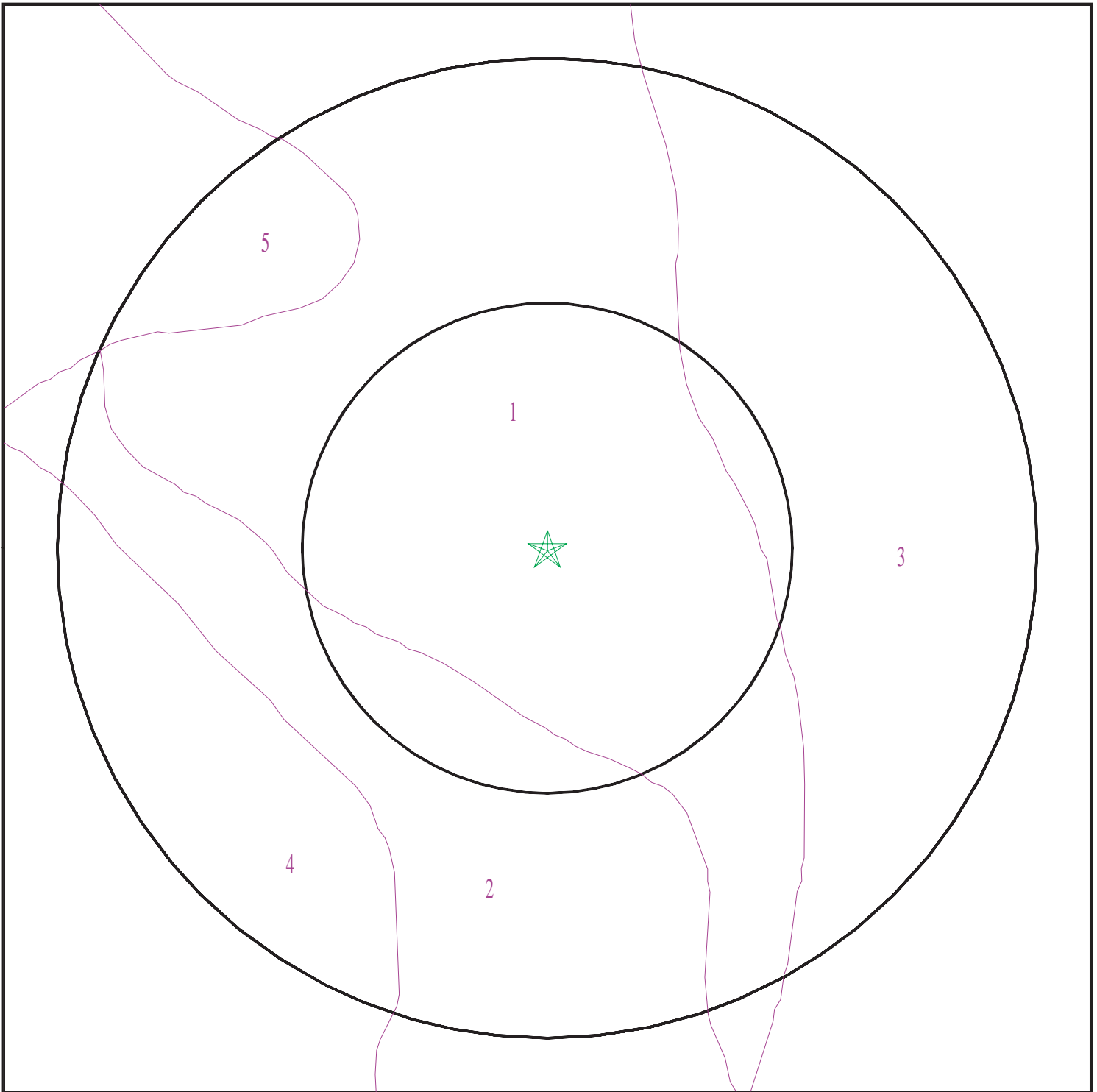
Era: Precambrian  
System: Precambrian  
Series: X granitic rocks  
Code: Xg (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Plutonic and Intrusive Rocks

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 - 7578776.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Aloravita South Parcel 1,2 10 To 15  
ADDRESS: Happy Valley and 83rd Ave  
Peoria AZ 85383  
LAT/LONG: 33.716836 / 112.233216

CLIENT: Geotechnical Testing & Inspections  
CONTACT: Jennifer Jones  
INQUIRY #: 7578776.2s  
DATE: February 26, 2024 6:34 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: 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	12 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	12 inches	35 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
3	35 inches	46 inches	loamy sand	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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
4	46 inches	59 inches	sandy clay 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

### Soil Map ID: 2

Soil Component Name: PINAL

Soil Surface Texture: gravelly loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

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	11 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	11 inches	59 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

**Soil Map ID: 3**

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	12 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	12 inches	35 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
3	35 inches	46 inches	loamy sand	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
4	46 inches	59 inches	sandy clay 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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 4

Soil Component Name: ROCK OUTCROP

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:  
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 33 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

### Soil Map ID: 5

Soil Component Name: TREMANT

Soil Surface Texture: gravelly clay 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	1 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	1 inches	7 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
3	7 inches	22 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
4	22 inches	59 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	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.

### 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>

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

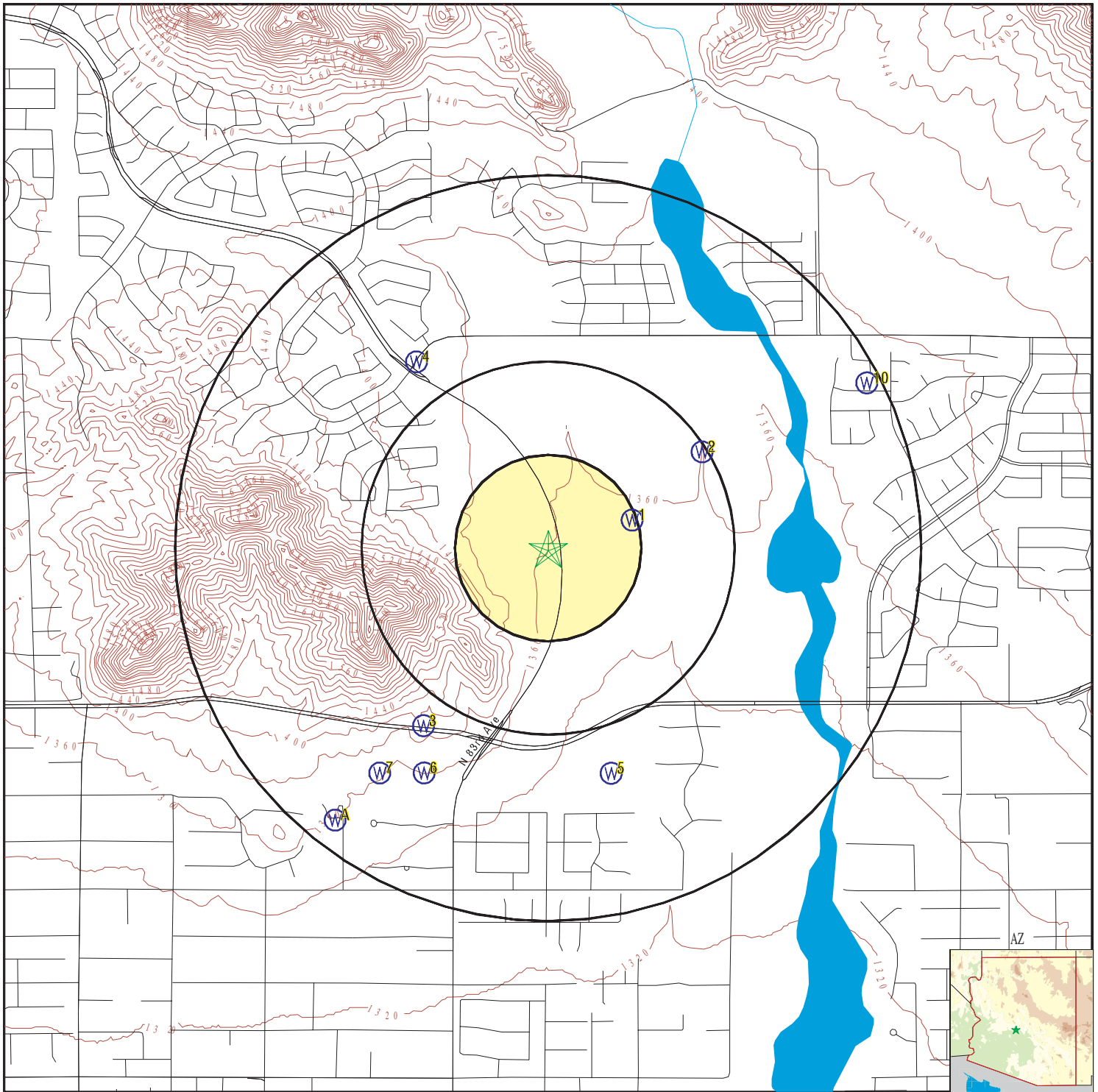
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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>
1	AZDWR1200211591	1/8 - 1/4 Mile ENE
2	AZDWR1200056826	1/4 - 1/2 Mile ENE
3	AZDWR1200109863	1/2 - 1 Mile SW
4	AZDWR1200140022	1/2 - 1 Mile NW
5	AZDWR1200078578	1/2 - 1 Mile SSE
6	AZDWR1200003318	1/2 - 1 Mile SSW
7	AZDWR1200018288	1/2 - 1 Mile SW
A8	AZDWR1200198272	1/2 - 1 Mile SW
A9	AZDEQ3000002064	1/2 - 1 Mile SW
10	AZDWR1200183967	1/2 - 1 Mile ENE

# PHYSICAL SETTING SOURCE MAP - 7578776.2s



- 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: Aloravita South Parcel 1,2 10 To 15  
 ADDRESS: Happy Valley and 83rd Ave  
 Peoria AZ 85383  
 LAT/LONG: 33.716836 / 112.233216

CLIENT: Geotechnical Testing & Inspections  
 CONTACT: Jennifer Jones  
 INQUIRY #: 7578776.2s  
 DATE: February 26, 2024 6:34 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**1**  
**ENE**  
**1/8 - 1/4 Mile**  
**Lower**

**AZ WELLS      AZDWR1200211591**

Program:	55	Registry ID:	903008
Owner Name:	ARIZONA STATE LAND DEPARTMENT	Well Type:	SPCL - GEOTECHNICAL
Well Type Group:	OTHER	Water Use:	NO WATER USE
Basin Name:	PHOENIX AMA	Driller License #:	83
Application:	31-AUG-05	Approved:	31-AUG-05
Installed Date:	07-SEP-05	Well Depth (ft):	77
Casing Type:	Not Reported	Water Level (ft):	0
AMA or INA:	PHOENIX	Casing Depth (ft):	0
Casing Diameter (in):	9	RGR Pump Data:	NO
Pump Type:	Not Reported	Pump Power:	Not Reported
Pump Rate:	0	Tested Rate:	0
Draw Down:	0	Completion:	A
Well Cancelled:	Y	Driller Log:	X
Watershed:	AGUA FRIA RIVER		

**2**  
**ENE**  
**1/4 - 1/2 Mile**  
**Higher**

**AZ WELLS      AZDWR1200056826**

Program:	55	Registry ID:	516503
Owner Name:	RODENKIRK, LARRY,	Well Type:	EXEMPT - DOMESTIC STOCK
Well Type Group:	EXEMPT	Water Use:	DOMESTIC, IRRIGATION
Basin Name:	PHOENIX AMA	Driller License #:	604
Application:	28-JAN-87	Approved:	Not Reported
Installed Date:	Not Reported	Well Depth (ft):	0
Casing Type:	NO CASING CODE LISTED	Water Level (ft):	0
AMA or INA:	PHOENIX	Casing Depth (ft):	0
Casing Diameter (in):	0	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	Completion:	Not Reported
Well Cancelled:	Y	Driller Log:	Not Reported
Watershed:	AGUA FRIA RIVER		

**3**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**AZ WELLS      AZDWR1200109863**

Program:	55	Registry ID:	564681
Owner Name:	KEVIN P KNIGHT	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	DOMESTIC
Basin Name:	PHOENIX AMA	Driller License #:	427
Application:	09-SEP-97	Approved:	Not Reported
Installed Date:	Not Reported	Well Depth (ft):	660
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING	AMA or INA:	PHOENIX
Water Level (ft):	530	Casing Diameter (in):	4
Casing Depth (ft):	660	Pump Type:	NO PUMP CODE LISTED
RGR Pump Data:	NO	Pump Rate:	0
Pump Power:	NO POWER CODE LISTED		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Tested Rate:	0	Draw Down:	0
Completion:	Not Reported	Well Cancelled:	Not Reported
Driller Log:	X	Watershed:	AGUA FRIA RIVER

**4  
NW  
1/2 - 1 Mile  
Higher**

**AZ WELLS      AZDWR1200140022**

Program:	55	Registry ID:	611438
Owner Name:	BODINE CO,	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	DOMESTIC
Basin Name:	PHOENIX AMA	Driller License #:	0
Application:	04-JUN-82	Approved:	Not Reported
Installed Date:	01-JAN-62	Well Depth (ft):	603
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	346	AMA or INA:	PHOENIX
Casing Depth (ft):	0	Casing Diameter (in):	8
RGR Pump Data:	NO	Pump Type:	NO PUMP CODE LISTED
Pump Power:	NO POWER CODE LISTED	Pump Rate:	45
Tested Rate:	45	Draw Down:	0
Completion:	Not Reported	Well Cancelled:	Not Reported
Driller Log:	Not Reported	Watershed:	AGUA FRIA RIVER

**5  
SSE  
1/2 - 1 Mile  
Lower**

**AZ WELLS      AZDWR1200078578**

Program:	55	Registry ID:	539008
Owner Name:	SUNRISE WATER CO,	Well Type:	NON-EXEMPT - SERVICE
Well Type Group:	NON-EXEMPT	Water Use:	MUNICIPAL USES
Basin Name:	PHOENIX AMA	Driller License #:	0
Application:	24-SEP-97	Approved:	Not Reported
Installed Date:	Not Reported	Well Depth (ft):	0
Casing Type:	NO CASING CODE LISTED	Water Level (ft):	0
AMA or INA:	PHOENIX	Casing Depth (ft):	0
Casing Diameter (in):	0	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	Completion:	Not Reported
Well Cancelled:	Y	Driller Log:	Not Reported
Watershed:	AGUA FRIA RIVER		

**6  
SSW  
1/2 - 1 Mile  
Higher**

**AZ WELLS      AZDWR1200003318**

Program:	55	Registry ID:	200977
Owner Name:	LEJOS ESTATES LLC	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	DOMESTIC, STOCK
Basin Name:	PHOENIX AMA	Driller License #:	608
Application:	23-OCT-03	Approved:	28-OCT-03
Installed Date:	Not Reported	Well Depth (ft):	700
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Level (ft):	480	AMA or INA:	PHOENIX
Casing Depth (ft):	700	Casing Diameter (in):	5
RGR Pump Data:	NO	Pump Type:	Not Reported
Pump Power:	Not Reported	Pump Rate:	0
Tested Rate:	0	Draw Down:	0
Completion:	Not Reported	Well Cancelled:	Not Reported
Driller Log:	X	Watershed:	AGUA FRIA RIVER

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

**AZ WELLS      AZDWR1200018288**

Program:	55	Registry ID:	217797
Owner Name:	MARK LARGENT	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	DOMESTIC
Basin Name:	PHOENIX AMA	Driller License #:	394
Application:	16-MAY-08	Approved:	22-MAY-08
Installed Date:	16-JUL-08	Well Depth (ft):	855
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	300	AMA or INA:	PHOENIX
Casing Depth (ft):	20	Casing Diameter (in):	8
RGR Pump Data:	NO	Pump Type:	Not Reported
Pump Power:	Not Reported	Pump Rate:	0
Tested Rate:	0	Draw Down:	0
Completion:	Not Reported	Well Cancelled:	Not Reported
Driller Log:	X	Watershed:	AGUA FRIA RIVER

**A8  
SW  
1/2 - 1 Mile  
Lower**

**AZ WELLS      AZDWR1200198272**

Program:	55	Registry ID:	800070
Owner Name:	85TH / 86TH AVE WATERING HOLE	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	DOMESTIC
Basin Name:	PHOENIX AMA	Driller License #:	0
Application:	29-NOV-82	Approved:	Not Reported
Installed Date:	31-OCT-79	Well Depth (ft):	779
Casing Type:	NO CASING CODE LISTED	Water Level (ft):	494
AMA or INA:	PHOENIX	Casing Depth (ft):	780
Casing Diameter (in):	6	RGR Pump Data:	NO
Pump Type:	NO PUMP CODE LISTED	Pump Power:	NO POWER CODE LISTED
Pump Rate:	50	Tested Rate:	50
Draw Down:	0	Completion:	Not Reported
Well Cancelled:	Not Reported	Driller Log:	Not Reported
Watershed:	AGUA FRIA RIVER		

**A9  
SW  
1/2 - 1 Mile  
Lower**

**AZ WELLS      AZDEQ3000002064**

DWR Number:	55-800070	DEQ Well #:	10807
Agency Well #:	10807	Start Date:	22-OCT-79
End Date:	Not Reported	Station Alt Name:	A-04-01 10ACA



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

well Depth:	Not Reported	Drill Depth:	779
Watershed:	MIDDLE GILA	Basin:	Phoenix AMA
Aquifer Type:	Not Reported	Water Use:	Site Water Use Is Unknown
Well Type:	Well, For Single Wells Other Than Wells Of The Collector Or Ranney Type		

**10  
ENE  
1/2 - 1 Mile  
Higher**

**AZ WELLS      AZDWR1200183967**

Program:	55	Registry ID:	640325
Owner Name:	RICHARDS JR,E W	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	DOMESTIC
Basin Name:	PHOENIX AMA	Driller License #:	0
Application:	09-JUL-82	Approved:	Not Reported
Installed Date:	08-MAY-79	Well Depth (ft):	405
Casing Type:	PLASTIC OR PVC	Water Level (ft):	0
AMA or INA:	PHOENIX	Casing Depth (ft):	680
Casing Diameter (in):	5	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	Completion:	Not Reported
Well Cancelled:	Not Reported	Driller Log:	Not Reported
Watershed:	AGUA FRIA RIVER		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

Federal EPA Radon Zone for MARICOPA County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

---

Federal Area Radon Information for MARICOPA COUNTY, AZ

Number of sites tested: 695

<u>Area</u>	<u>Average Activity</u>	<u>% &lt;4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% &gt;20 pCi/L</u>
Living Area - 1st Floor	1.697 pCi/L	93%	7%	0%
Living Area - 2nd Floor	3.640 pCi/L	80%	20%	0%
Basement	2.242 pCi/L	79%	21%	0%

# 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, 2010 and 2015 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<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

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

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

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

### STATSGO: State Soil Geographic Database

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

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

### SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

### 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**

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**Aloravita Development Parcel 3-8**

Off Happy Valley Road and 83rd Avenue  
Peoria, AZ 85383

Inquiry Number: 6902507.5

March 21, 2022

# The EDR-City Directory Image Report



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### SECTION

Executive Summary

Findings

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*Thank you for your business.*

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RECORD SOURCES

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

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1987	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1982	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1977	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1972	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1968	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1964	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory



## FINDINGS

### TARGET PROPERTY STREET

Off Happy Valley Road and 83rd Avenue  
Peoria, AZ 85383

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
<b><u>N 83RD AVE</u></b>		
1987	pg A15	Cole Criss-Cross Directory
1982	pg A16	Cole Criss-Cross Directory
1977	pg A18	Cole Criss-Cross Directory
1977	pg A19	Cole Criss-Cross Directory
1972	pg A21	Cole Criss-Cross Directory
1968	pg A22	Cole Criss-Cross Directory
1964	pg A23	Cole Criss-Cross Directory

### **W HAPPY VALLEY RD**

2017	pg A2	EDR Digital Archive	
2014	pg A4	EDR Digital Archive	
2010	pg A6	EDR Digital Archive	
2005	pg A8	EDR Digital Archive	
2000	pg A10	EDR Digital Archive	
1995	pg A12	EDR Digital Archive	
1992	pg A14	EDR Digital Archive	
1987	-	Cole Criss-Cross Directory	Street not listed in Source
1982	pg A17	Cole Criss-Cross Directory	
1977	pg A20	Cole Criss-Cross Directory	
1972	-	Cole Criss-Cross Directory	Street not listed in Source
1968	-	Cole Criss-Cross Directory	Street not listed in Source
1964	-	Cole Criss-Cross Directory	Street not listed in Source

## FINDINGS

### CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
<b><u>N 83RD AVE</u></b>		
2017	pg. A1	EDR Digital Archive
2014	pg. A3	EDR Digital Archive
2010	pg. A5	EDR Digital Archive
2005	pg. A7	EDR Digital Archive
2000	pg. A9	EDR Digital Archive
1995	pg. A11	EDR Digital Archive
1992	pg. A13	EDR Digital Archive

## **City Directory Images**



**N 83RD AVE      2017**

23907    BRINKHOFF, VIRGIL D

**W HAPPY VALLEY RD 2017**

7007 CHRISTS CHURCH OF THE VALLEY  
7120 ASHCRAFT, MICHAEL L  
7130 GARRISON, WILLIAM B  
7140 HAPPY VALLEY SCHOOL  
9106 ROBSON, ROBERT J

**N 83RD AVE**

**2014**

23907 WOODS, PHILLIP L

**W HAPPY VALLEY RD 2014**

7007	CCV CHRISTS CHURCH OF THE VALLEY
7120	ASHCRAFT, MICHAEL L
7130	GARRISON, WILLIAM B
7140	HAPPY VALLEY SCHOOL
9106	ROBSON, ROBERT J

**N 83RD AVE      2010**

23907    CENTRAL STATES CONSTRUCTION  
         OCCUPANT UNKNOWN,

**W HAPPY VALLEY RD 2010**

7000 DEER VALLEY UNIFIED SCH DIST  
DEER VALLEY WORSHIP CTR  
TERRAMAR SCHOOL  
7007 CHRISTS CHURCH OF THE VALLEY  
7120 ASHCRAFT, MICHAEL L  
7130 GARRISON, WILLIAM B  
7140 HAPPY VALLEY SCHOOL  
9106 JARDINE, VAL R

**N 83RD AVE**

**2005**

23907 SPEARS, CONNIE D





-

**W HAPPY VALLEY RD 2005**

7120 ASHCRAFT, MICHAEL L  
7130 GARRISON, WILLIAM B  
7140 HAPPY VALLEY BASIC SCHOOL  
9106 ROBSON, JOSEPHINE A

**N 83RD AVE      2000**

24920    KNIGHT, GARY J  
          UPDIKE, GREG



-

**W HAPPY VALLEY RD 2000**

7120 ASHCRAFT, MIKE L  
7130 GARRISON, WILLIAM B  
9106 GUTIERREZ, RUSSELL F

**N 83RD AVE**

**1995**

23847 VOGEL, CHARLES J

✓

-

**W HAPPY VALLEY RD 1995**

9312 WINKS, RICHARD L

**N 83RD AVE**

**1992**

23847 VOGEL, CHARLES J

**W HAPPY VALLEY RD 1992**

9330 WORKMAN, CHARLES



✓

N 83RD AVE 1987

22857	John Leonard . . . . .	.80	566-0133
23847	Charles J Vogel . . . . .	NP	
24802	Paul Norbury . . . . .	.80	979-5959
NO #	Paul H Myers . . . . .	.78	972-4798
	Paul H Myers . . . . .	.74	979-3734
	85 RESIDENCE	45	BUSINESS

✓

N 83RD AVE 1982

22043	Jan Leonard	. . . . .	.81	979-5959
22857		. . . . .	.NP	
23847	Charles J Vogel	. . . . .	.81	979-5959
24802	Paul Norbury	. . . . .	.79	972-4798
No #	Ernestine Hughens	. . . . .		979-3782
No #	Paul H Myers	. . . . .	.75	979-3734
No #	★Peoria High School	. . . . .		995-6517
	85 Residence			47 Business

W HAPPY VALLEY RD 1982

HAPPY VALLEY RD W

PEORIA

New Street-1976.

R R 2 . . . . . 85345

10400-10499 TZ 303 SC..D 1

10700-18699 TZ 405 SE..B 1

082300

10431 Arvil L Silcox . . . . .79 583-8540

10734 Philip Newberry . . . . .- 972-9488

10743 Ammon C Sprau . . . . .78 972-3453

10811 . . . . . 581-8884

## N 83RD AVE 1977

Target Street	Cross Street	Source	Phone Number
22645	Alan A Leonard	9	583-0427
23907	Howard E Wells	3	583-0496
24802	★ Black Canyon Saddl	□	977-1143
	★ United Youth Fdtn	□	977-1143
No #	★ R L Fletcher		937-9793
No #	Ernestine Hughens		979-3782
No #	Steven D Huth	□	979-6797
No #	Paul H Myers	5	979-3734
No #	★ Peoria Elem School		979-6704
No #	★ Peoria High School		979-8881
No #	★ Peoria High School		979-8881
No #	★ Peoria High Agr Bg		979-6780

PHOTOGRAPHED IN ANY MANNER WHATSOEVER EXCEPT A  
 3,4,5,etc — Year First Listed 1973,74,75,etc SASB.ETC —

**N 83RD AVE 1977**

No	#	★	Peoria Elem School		979-6704
No	#	★	Peo Migrant Office	□	979-6810
No	#	★	Peoria Bus Maintnc		979-6061
No	#	★	Peoria Elem Schl		979-6704
No	#	★	Peoria High Schl		979-8881
No	#		Robert B Short	6	979-4453
			74 Residence	34	Business

W HAPPY VALLEY RD 1977

<b>HAPPY VALLEY RD W</b>			<b>PEORIA</b>
	<b>R R 2</b>	.....	<b>85345</b>
18551	Olive Judd	6	583-9832
18625	Joe Havens	6	583-0451
	2 Residence		

## N 83RD AVE 1972

22633	*MCKEEVER	CONST		9773611
22645	ALAN A	LEONARD	9	5830427
NO #	J L	BAUGH		9796205
NO #	CHARLES R	BURNS	6	9796368
NO #	NOEL R	BURNS		-9796150
NO #	S E	EDWARDS	9	9796206
NO #	*R L	FLETCHER		9379793
NO #	ERNESTINE	HUGHENS		9378611
NO #	H R	LYALL JR		9333803
NO #	MRS LEONA E	LYON		9334939
NO #	ROBERT A J	NOLEN	1	5839897
NO #	*PEORIA	ELMNTY SHL		9399475
NO #	*PEORIA	HIGH SCHOOL		9398367
NO #	*PEORIA	SCL SUPT		9397509
NO #	*PEORIA	SCHL NURSE		9796331
NO #	REX	PROSSER	0	5830415
NO #	FLOYD	SHARP		-9796255
NO #	FRED	WACKER	1	9796328
NO #	HOWARD E	WELLS	6	5830496
	64	RESIDENCE	31	BUSINESS



## N 83RD AVE 1968

12121	DR F P MCCANN		-9377000
12127	T MILTON TURNER		9398989
12433*	CHAS WACKER RANCH		-9377190
NO #*	CHARLES BAUER		9377271
NO #	J L BAUGH		9390465
NO #	CHARLES R BURNS	6	9395465
NO #	DONALD L COOK		9378438
NO #	RUTH E DUNN		-9334141
NO #*	R L FLETCHER		9379793
NO #	ERNESTINE HUGHENS		9378611
NO #	A E LEADFORD	6	9393427
NO #	H R LYALL JR		9333803
NO #	HOWARD W LYDIC		-9377409
NO #*	PEORIA ELEM SCHL		9377733
NO #*	PEORIA HIGH SCHOOL		9377276
NO #*	PEORIA NURSES OFC		9370044
NO #*	PEORIA SUPTS OFC		9375451
NO #	HERB W PERRY	4	9377375
NO #	FRED WACKER		9377560
NO #	J W WACKER	5	9379508
NO #	HOWARD E WELLS	6	5830496
	50 RESIDENCE	15	BUSINESS

N 83RD AVE 1964

83RD AVE

PEORIA

..... 85345  
 ..... 1- END TZ 7 SE..E 5  
 8235\*P KIEWIT SONS CO -9398394  
 ..... T Z INFO NOT AVLBL .....  
 NO # CLYDE J BAILEY -YE74847  
 NO # CHARLES BAUER YE77271  
 NO # J L BAUGH 2 9390465  
 NO # DONALD L COOK YE78438  
 NO # ELDON U ERWIN 9371263  
 NO #\*R L FLETCHER YE79793  
 NO # ERNESTINE HUGHENS YE78611  
 NO #\*JACKSON&PERKINS CO YE31357  
 NO # ANTON KLOFT -9330091  
 NO # MRS AMELIA LOPEZ 3 9371044  
 NO # R P MENDENHALL YE78527  
 NO # RUDY C NAPOLEON 3 9392184  
 NO #\*PEORIA CNTRL SCHL YE77771  
 NO #\*PEORIA ELEM SCHL 9377733  
 NO #\*PEORIA HIGH SCHOOL YE77276  
 NO #\*PEORIA NURSES OFC 9370044  
 NO #\*PEORIA SUPTS OFC YE75451  
 NO #\*PERRY BROTHERS □9377375  
 NO # HERB W PERRY □9377375  
 NO #\*CHARLES WACKER RCH YE77190  
 NO # ED WACKER 3 9398022  
 NO # FRED WACKER YE77560  
 NO # J W WACKER RCH YE79508  
 14 RESIDENCE 10 BUSINESS

Aloravita South Parcel 1,2 10 To 15

Happy Valley and 83rd Ave

Peoria, AZ 85383

Inquiry Number: 7578776.3

February 26, 2024

## Certified Sanborn® Map Report



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

# Certified Sanborn® Map Report

02/26/24

**Site Name:**

Aloravita South Parcel 1,2 10 T  
Happy Valley and 83rd Ave  
Peoria, AZ 85383  
EDR Inquiry # 7578776.3

**Client Name:**

Geotechnical Testing & Inspections  
7650 East Redfield Road, Suite D7  
Scottsdale, AZ 85260  
Contact: Jennifer Jones



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

## Certified Sanborn Results:

**Certification #** 8F92-437B-89E5

**PO #** NA

**Project** 247752E

### UNMAPPED PROPERTY

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



Sanborn® Library search results

Certification #: 8F92-437B-89E5

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

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

*The Sanborn Library LLC Since 1866™*

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