



**Geotechnical \* Environmental \* Materials Engineering**

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Providing Services in the United States and Internationally URL: [WWW.GTIAZ.COM](http://WWW.GTIAZ.COM)

PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA) FOR 324½± ACRES AT THE

# **NORTH COPPER BASIN DEVELOPMENT**

Located South of East Judd Road & North Tourmaline Drive  
San Tan Valley, Pinal County, Arizona 85143

April 21, 2023

AAI Date: April 14, 2023

AAI Expiration Date: October 11, 2023

GTI PROJECT NO. 237283E



Prepared by:

**Geotechnical Testing & Inspections**

7650 East Redfield Road, Suite "D-7"

Scottsdale, Arizona 85260

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Prepared for:

**D.R. HORTON (CLIENT) &**

**ARIZONA STATE LAND DEPARTMENT (USER)**

2525 West Fry Road, Suite #100

Chandler, Arizona 85224





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April 21, 2023

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To: **D.R. HORTON (CLIENT) &  
ARIZONA STATE LAND DEPARTMENT (USER)**  
2525 West Fry Road, Suite #100  
Chandler, Arizona 85258

Attention: **Ms. Angela Carmitchel**  
DVP of Land Acquisitions

Subject: Report of a Phase I Environmental Site Assessment (ESA) for the Subject Property Consisting of 324½± Acres within the **NORTH COPPER BASIN DEVELOPMENT**, located South of East Judd Road & North Tourmaline Drive , San Tan Valley, Pinal County, Arizona 85143.

Dear Ms. Carmitchel:

In accordance with your request and authorization, Geotechnical Testing & Inspections (GTI) has completed the Phase I Environmental Site Assessment (ESA) for the Subject Property. This report was prepared for **D.R. HORTON (CLIENT) & ARIZONA STATE LAND DEPARTMENT (USER)**. The work was completed in general accordance with GTI's Proposal No. JMJ23600EG dated February 20, 2023.

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 **D.R. HORTON (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)  
NORTH COPPER BASIN DEVELOPMENT  
D.R. HORTON (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 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. 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.

**Phase I Environmental Site Assessment (ESA)**  
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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 (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)**  
**NORTH COPPER BASIN DEVELOPMENT**  
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**EXECUTIVE SUMMARY**

Geotechnical Testing & Inspections (GTI) was retained by **D.R. HORTON (CLIENT) & ARIZONA STATE LAND DEPARTMENT (USER)** to conduct a Phase I Environmental Site Assessment (ESA) for the Subject Property consisting of 324½± Acres at the **NORTH COPPER BASIN DEVELOPMENT**, located South of East Judd Road & North Tourmaline Drive, San Tan Valley, Pinal County, Arizona 85143.

At the time of GTI's site reconnaissance, the Subject Property was agricultural land with various concrete irrigation channels running throughout the Subject Property. There is a large storm water drainage feature along the Northern edge of the Subject Property. North Tourmaline Drive crosses through the center of the Subject Property running North to South.

North of the Subject Property is East Judd Road, agricultural land, both North Gantzel Road and Tourmaline Drive running perpendicular to the Northern edge of the Subject Property followed by residential subdivisions. South of the Subject Property is the Copper Basin residential subdivision, Copper Basin #2 lift station, Copper Basin K-8 school, a neighborhood park, a small shopping center with various businesses and a Chevron gas station followed undeveloped vacant land and agricultural land. East of the Subject Property is the Copper Basin residential subdivision, vacant land, agricultural equipment storage yard followed by North Drifter Pass Road and agricultural land. West of the Subject Property is agricultural land, East Hunt Highway, Walker Butte K-8 school, agricultural land followed by the Johnson Ranch residential subdivision. According to the Pinal County Assessor's Map, the Subject Property consists of approximately 324½± Acres within the following Parcel:

- **Parcel No. 210-26-8100** {324½± Acres} - *The Subject Property is Registered to the Arizona State Land Department*

Historical aerial photographs indicate that the Subject Property was undeveloped native desert from 1937 (*earliest available aerial photograph*) up until 1953 when it was converted to agricultural land. The Subject Property would remain agricultural land from 1953 up to the present with only minor changes to the irrigation system, the addition of a storm water drainage feature along the Northern edge in 1954 and North Tourmaline Drive through the center of the Subject Property in 2018. As the Subject Property has been used for agricultural purposes from the present and going back prior to 1954, it is possible that pesticides and herbicides, which were customarily used in the State of Arizona by farmers during the period of cultivation, may have been used at the Subject Property. GTI recommends that a Limited Organochlorine Pesticide Soil Screen testing be conducted at the Subject Property to ensure that there is no agrochemical contamination. GTI can be retained to provide this service, if desired.

**Phase I Environmental Site Assessment (ESA)**  
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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 Subject 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).***

It should be noted that chemicals such as (*Perfluoroalkyl and Polyfluoroalkyl -PFAS*) are identified as "*Emerging Contaminants*" and these have been under scrutiny for possible regulations as hazardous substances by the federal EPA 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. There was no request from the client to evaluate this condition.

During the course of this Phase I Environmental Site Assessment (ESA), the Subject Property **was** identified twice in the governmental database search. There were a total of three (3) listings identified within the minimum ASTM search distances. These listings are discussed below:

- ***Map ID No. "1"*** is for **The Village at Copper Basin Unit 5C-1**, located, at the Subject Property. The listing is for a EMAP (*All Places of Interest*) related to the residential subdivision known as The Village at Copper Basin. As there are no violations associated with this listing, it does not pose an REC to the Subject Property.
- ***Map ID No. "2"*** is for **PARCEL #210-26-8100**, located at the Subject Property. The listing is for a EMAP (*All Places of Interest*) in regards to the farming operations at the Subject Property. As there are no violations associated with this listing it does not pose an environmental threat or REC to the Subject Property.

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- **Map ID No. "3"** is for the **Johnson Utility - Copper Basin Lift Station Sewer Force Main**, located less than an  $\frac{1}{8}\pm$  mile Southeast of the Subject Property. The listing is for a EMAP (*All Places of Interest*) in regards to a waste water lift station located adjacent to the Southwest corner of the Subject Property. 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 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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Based on GTI's Phase I Environmental Site Assessment (ESA), GTI makes the following statement in general accordance with ASTM specifications:

**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 NORTH COPPER BASIN DEVELOPMENT, located South of East Judd Road & North Tourmaline Drive, San Tan Valley, Pinal County, Arizona, 85143. 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, other than an Organochlorine Pesticide Soil Screen Testing for the surficial soils as the Subject Property to be sure that there is no agrochemical contamination at the Subject Property. GTI can be retained to provide this service, if desired.**

\*\*\*\*\*

*Detailed Information is Provided in the Report*



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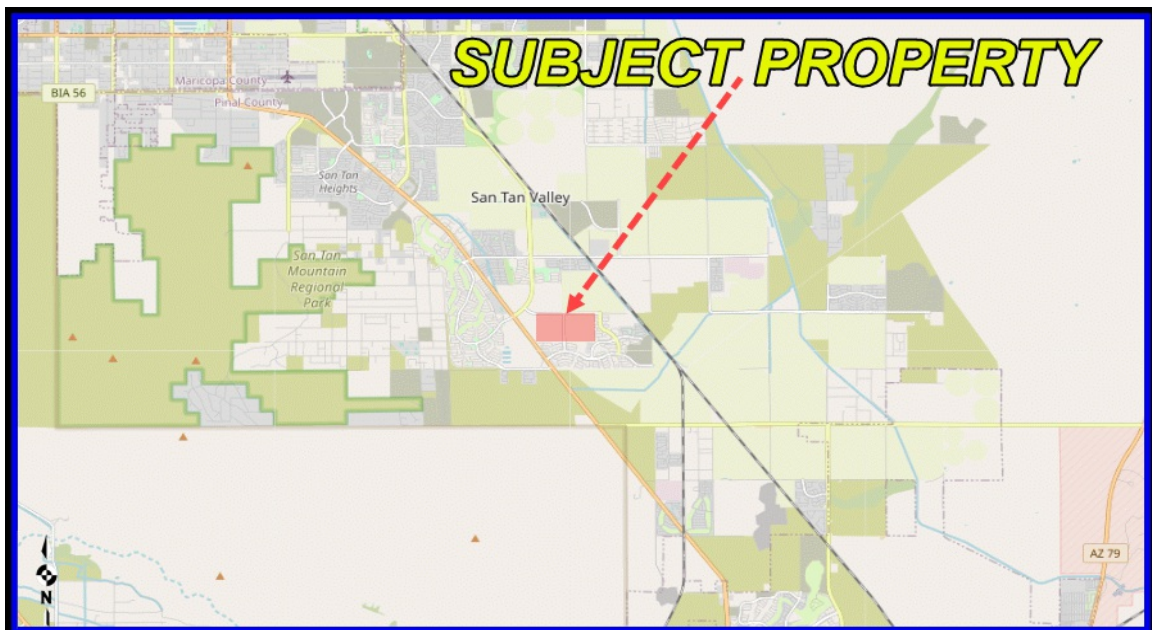
**1.0 INTRODUCTION**

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 (GTI) has completed this Phase I Environmental Site Assessment (ESA) report for the proposed 324½± Acres located within the **NORTH COPPER BASIN DEVELOPMENT**. The Subject Property is located within the North Half of Section 28, Township 3 South, Range 8 East of the Gila and Salt River Base and Meridian, San Tan Valley, Pinal County, Arizona 85143. A general site vicinity map 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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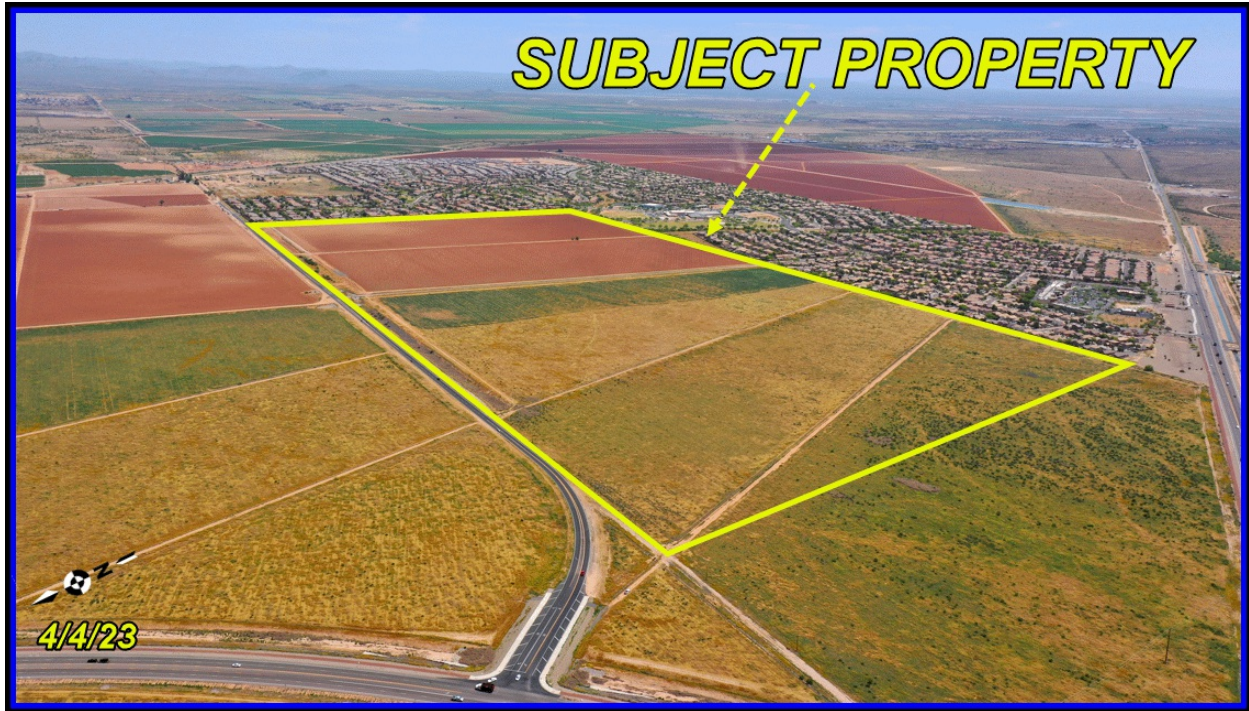


Figure 2 - Aerial Photograph of the Subject Property



Figure 3 - Aerial Photograph of 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 Subject 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 the purchasing of 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 Subject 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 Subject 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. The term '*Recognized Environmental Conditions*' (*RECs*) is not intended to include *de-minimis* conditions that generally does not present a threat to human health of the environment and generally would not be the of an enforcement action if brought to the attention of appropriate governmental agencies. Figure 4 shows a Simplified REC logic flow chart, provided by ASTM E-1527-21 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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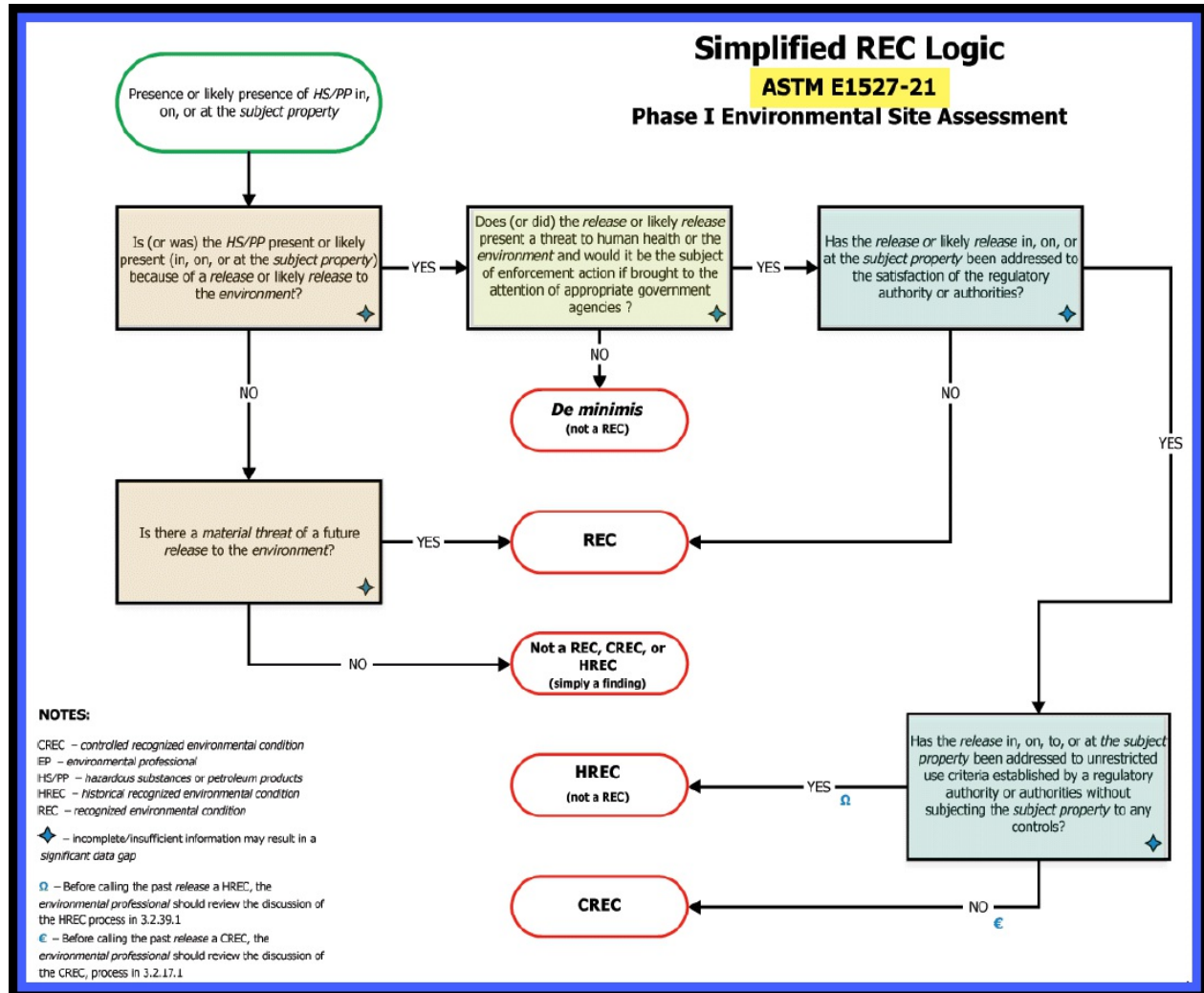


Figure 4 - Simplified REC Logic Flow Chart Provided by ASTM E-1527-21

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;

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4. An evaluation of the Subject Property's soil characteristics, and hydrogeologic setting;
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 distances 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 **D.R. HORTON (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 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 process. 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
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, a Geotechnical subsurface exploration was conducted under a separate cover ( *GTI Project No. 237284G dated April 21, 2023*). The soil test



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borings identified the in-situ soils as brown granular Clayey SAND (SC) soil, cohesive Silty CLAY (CL) soil and Fat CLAY (CH) soil types classified in accordance with the Unified Soil Classification System. The upper soils were found to have low to high expansion potentials. These soils, in general, were found at the ground surface and extended to the maximum depth within the borings at 11½± feet.

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 potential environmental listings were identified within the ASTM search radius search of the Subject Property. 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 environmental conditions in connection with a Subject Property.*
- (2) *All appropriate inquiries does not mean an exhaustive assessment of a 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:

- *August 20, 2018 - Geotechnical Subsurface Exploration for Salita Del Sol* - The report was prepared by Geotechnical Testing & Inspections (GTI) as Project No. 185137G. The report was prepared for **Chamberlin Development**.

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- **June 24, 2019 - Geotechnical Subsurface Exploration for Magma Ranch III** - The report was prepared by Geotechnical Testing & Inspections (GTI) as Project No. 195468G. The report was prepared for **Forestar**.
- **March 20, 2020 - Phase I Environmental Site Assessment (ESA) for Whitewing at Magma-** The report was prepared by Geotechnical Testing & Inspections (GTI) as Project No. 205843E. The report was prepared for **Richmond American Homes of Arizona, Inc.**
- **March 20, 2020 - Geotechnical Subsurface Exploration for Whitewing at Magma.** The report was prepared by Geotechnical Testing & Inspections (GTI) as Project No. 205844G. The report was prepared for **Richmond American Homes of Arizona, Inc.**
- **March 20, 2020 - Geotechnical Subsurface Exploration for for Laurel Ranch-** The report was prepared by Geotechnical Testing & Inspections as GTI Project No. 205841G. The report was prepared for **Richmond American Homes of Arizona, Inc.**
- **March 20, 2020 - Phase I Environmental Site Assessment (ESA) for Laurel Ranch-** The report was prepared by Geotechnical Testing & Inspections as GTI Job No. 205840E. The report was prepared for **Richmond American Homes of Arizona, Inc.**
- **June 16, 2020 - Percolation Testing for Whitewing at Magma.** The report was prepared by Geotechnical Testing & Inspections (GTI) as Project No. 205879E. The report was prepared for **Richmond American Homes of Arizona, Inc.**
- **August 5, 2020 - Phase I Environmental Site Assessment (ESA) Update for Laurel Ranch-** The report was prepared by Geotechnical Testing & Inspections as GTI Job No. 206009E. The report was prepared for **Richmond American Homes of Arizona, Inc.**
- **March 19, 2021 - Geotechnical Subsurface Exploration for Magma Ranch Phase III-** The report was prepared by Geotechnical Testing & Inspections as GTI Project No. 226795G. The report was prepared for **Oakwood Homes.**
- **April 2, 2021 - Phase I Environmental Site Assessment (ESA) and Limited Organochlorine Pesticide Soil Screen Testing for Bella Vista Farms-** The report was prepared by Geotechnical Testing & Inspections as GTI Project No. 216307E. The report was prepared for **Fulton Homes.**
- **April 2, 2021 - Geotechnical Subsurface Exploration for Bella Vista Farms-** The report was prepared by Geotechnical Testing & Inspections as GTI Project No. 216308G. The report was prepared for **Fulton Homes.**

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- *April 20, 2022* - **Phase I Environmental Site Assessment (ESA) and Limited Organochlorine Pesticide Soil Screen Testing for Bella Camino Development** - The report was prepared by Geotechnical Testing & Inspections as GTI Project No. 226855E. The report was prepared for **Richmond American Homes of Arizona, Inc.**
- *April 20, 2022* - **Geotechnical Subsurface Exploration for Bella Camino**- The report was prepared by Geotechnical Testing & Inspections as GTI Project No. 184888G. The report was prepared for **Richmond American Homes of Arizona, Inc.**
- *April 21, 2023* - **Geotechnical Subsurface Exploration for North Copper Basin**- The report was prepared by Geotechnical Testing & Inspections as GTI Project No. 237284G. The report was prepared for **DR Horton.**

## **2.0 DESCRIPTION AND RECONNAISSANCE OBSERVATIONS**

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 vehicle, while the area reconnaissance was conducted by use of a vehicle. GTI's site reconnaissance did not include an inspection of existing nearby structures. 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 April 4, 2023 by a GTI Project Manager, experienced in conducting environmental site assessments. At the time of GTI's site reconnaissance, the Subject Property was agricultural land with various concrete irrigation channels running throughout the Subject Property. There is a large storm water drainage feature along the Northern edge of the Subject Property. North Tourmaline Drive crosses through the center of the Subject Property running North to South.

North of the Subject Property is East Judd Road, agricultural land, both North Gantzel Road and Tourmaline Drive running perpendicular to the Northern edge of the Subject Property followed by residential subdivisions. South of the Subject Property is the Copper Basin residential subdivision, Copper Basin #2 lift station, Copper Basin K-8 school, a neighborhood park, a small shopping center with various businesses and a Chevron gas station followed undeveloped vacant land and agricultural land. East of the Subject Property is the Copper Basin residential subdivision, vacant land, agricultural equipment storage yard followed by North Drifter Pass Road and agricultural land. West of the Subject Property is

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agricultural land, East Hunt Highway, Walker Butte K-8 school, agricultural land followed by the Johnson Ranch residential subdivision. According to the Pinal County Assessor's Map, the Subject Property consists of approximately 324½± Acres within the following Parcel:

- **Parcel No. 210-26-8100** {324½± Acres} - *The Subject Property is Registered to the Arizona State Land Department*

Historical aerial photographs indicate that the Subject Property was undeveloped native desert from 1937 (*earliest available aerial photograph*) up until 1953 when it was converted to agricultural land. The Subject Property would remain agricultural land from 1953 up to the present with only minor changes to the irrigation system, the addition of a storm water drainage feature along the Northern edge in 1954 and North Tourmaline Drive through the center of the Subject Property in 2018.

### **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** observe any Underground Storage Tanks (USTs) or Above Ground Storage Tanks (ASTs) within the Subject Property.

### **2.1.4 Hazardous Materials**

GTI did not observe any hazardous chemicals within the Subject Property. It should be noted that chemicals such as (*Perfluoroalkyl and Polyfluoroalkyl -PFAS*) are identified as "*Emerging Contaminants*" and these have been under scrutiny for possible regulations as hazardous substances by the federal EPA 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. There was no request from the client to evaluate this condition.

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

GTI did not observe any pole mounted or ground mounted electrical transformer at the Subject Property. GTI spoke with the Salt River Project (SRP) on April 3, 2023, who provides electricity to the area, and has indicated that their electrical transformers use mineral oil, no PCB containing oils. Therefore, GTI does not believe that there are any PCB-related environmental issues at the Subject Property or in the immediate area. The other utility companies providing services to the Subject Property are listed below.

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- Sewer - *EPCOR*
- Water - *EPCOR*
- Police - *Pinal County Sheriffs Office*
- Fire - *Rural Metro*
- Solid Waste - *Private*

### **2.1.6 Drywells**

GTI did not observe any drywells within the 324½± 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. There were numerous irrigation channels at the Subject Property. In addition there is a large storm water drainage feature along the Northern edge of the Subject Property.

### **2.1.8 Pesticides and Herbicides**

Historical aerial photographs indicate that the Subject Property was undeveloped native desert from 1937 (*earliest available aerial photograph*) up until 1953 when it was converted to agricultural land. The Subject Property would remain agricultural land from 1953 up to the present with only minor changes to the irrigation system, the addition of a storm water drainage feature along the Northern edge in 1954 and North Tourmaline Drive through the center of the Subject Property in 2018. As the Subject Property has been used for agricultural purposes from the present and going back prior to 1954, it is possible that pesticides and herbicides, which were customarily used in the State of Arizona by farmers during the period of cultivation, may have been used at the Subject Property. GTI recommends that a Limited Organochlorine Pesticide Soil Screen testing be conducted at the Subject Property to ensure that there is no agrochemical contamination. GTI can be retained to provide this service, if desired.

## **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 East Judd Road, agricultural land, both North Gantzel Road and Tourmaline Drive running perpendicular to the Northern edge of the Subject Property followed by residential subdivisions. 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 5.



*Figure 5 - Aerial Photograph Looking North of the Subject Property*

**2.2.2 South**

South of the Subject Property is the Copper Basin residential subdivision, Copper Basin #2 Lift Station, Copper Basin K-8 school, a neighborhood park, a small shopping center with various businesses and a Chevron gas station followed undeveloped vacant land and agricultural land. GTI does not believe activities at these locations result in a REC to the Subject Property. An aerial photograph looking South of the Subject Property is shown on Figure 6.



*Figure 6 - Aerial Photograph Looking South of the Subject Property*

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**2.2.3 East**

East of the Subject Property is the Copper Basin residential subdivision, vacant land, agricultural equipment storage yard followed by North Drifter Pass Road and agricultural land. 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 7.



*Figure 7 - Aerial Photograph Looking East of the Subject Property*

**2.2.4 West**

West of the Subject Property is agricultural land, East Hunt Highway, Walker Butte K-8 school, agricultural land followed by the Johnson Ranch residential subdivision. An aerial photograph looking West of the Subject Property is shown on Figure 8.



*Figure 8 - 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**

GTI was retained to perform a geotechnical subsurface exploration at the Subject Property. A geotechnical report has been prepared and was submitted under separate cover as (*GTI Project No. 237284G dated April 21, 2023*). The soil test borings identified the in-situ soils as brown granular Clayey SAND (SC) soil, cohesive Silty CLAY (CL) soil and Fat CLAY (CH) soil types classified in accordance with the Unified Soil Classification System. The upper soils were found to have low to high expansion potentials. These soils, in general, were found at the ground surface and extended to the maximum depth within the borings at 11½± feet.

#### **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 Northwesterly direction. The groundwater at the Subject Property appears to range from 311± feet to 344± 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 9.

In addition, GTI reviewed the Arizona Groundwater Well Data for a well located approximately ⅛± mile East of the Subject Property. A groundwater hydrograph for that well indicated that well in 1971 was at 422± feet below the ground surface, in 1984 it was at a depth of 475± feet below the ground surface and in 2003 it was at a depth of 319± feet below the ground surface . A copy of this groundwater hydrograph is shown on Figure 10.



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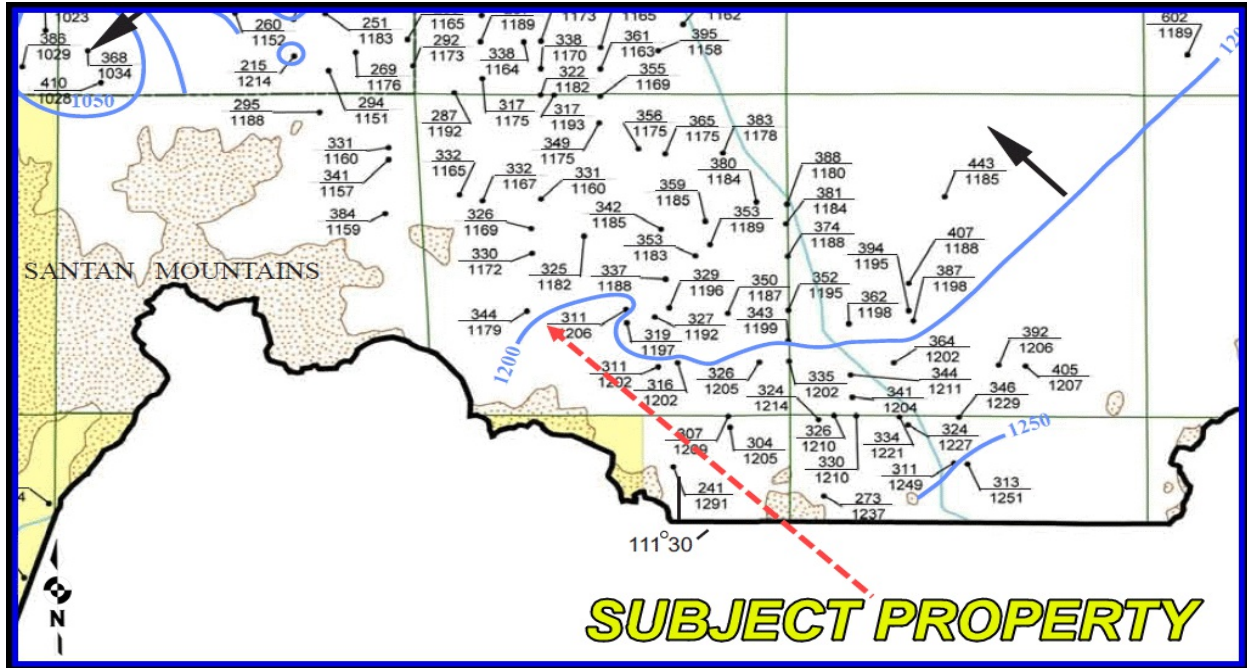


Figure 9 - ADWR Groundwater Map No. 35 Dated 2003

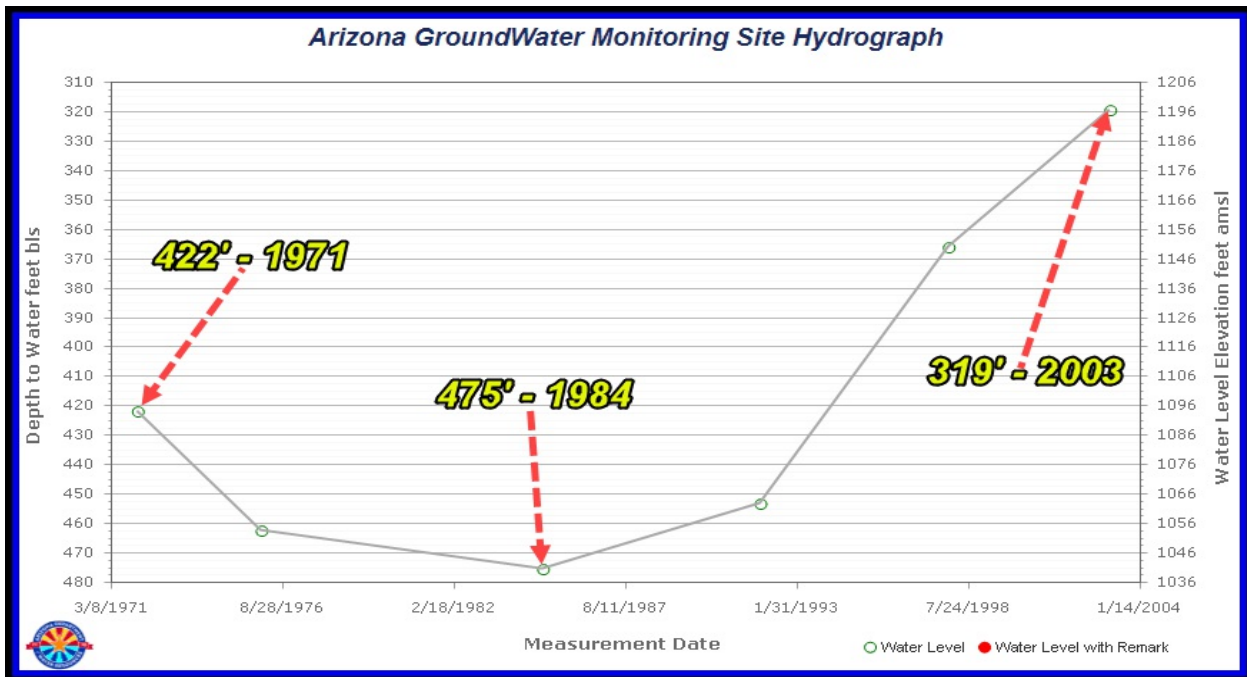


Figure 10 - Groundwater Hydrograph of a Nearby Well

### 3.2.2 Flood Plains

According to the Federal Emergency Management Agency (*FEMA*) Flood Map Database for Maricopa County, Arizona and Incorporated Areas, the majority of the Subject Property is **not** located within an area designated as being in a 100 year flood zone. The Subject Property is located within Flood Zone “X”. Flood Panel No.04013C0475E (*effective date: December 4, 2007*) was reviewed. A partial copy of the FEMA Flood Insurance Rate Map is shown on Figure 11.



Figure 11 - FEMA Flood Insurance Map Dated 10/16/2013

Flood Zone “X” are moderate risk areas within the (*0.2 percent annual chance floodplain, areas of 1 percent chance flooding where average depths are less than 1 foot, areas of 1 percent annual chance flooding*). Flood insurance is **not** required within Flood Zone “X”.

### 3.2.3 Surface Water

According to a 2021 United States Geologic Survey Map (USGS *Magma*, AZ 7.5 Minute Series Topographic Map), surface water is generally flowing in a East-Southeast direction. Surface elevations across the Subject Property range from El: 1,512± feet near the Northwestern corner of the Subject Property to El: 1,509± feet near the Southeastern corner of the Subject Property. As the Subject Property has been graded for agricultural purposes, surface water will flow towards man-made depressions. A copy of the USGS map is shown on Figure 12.

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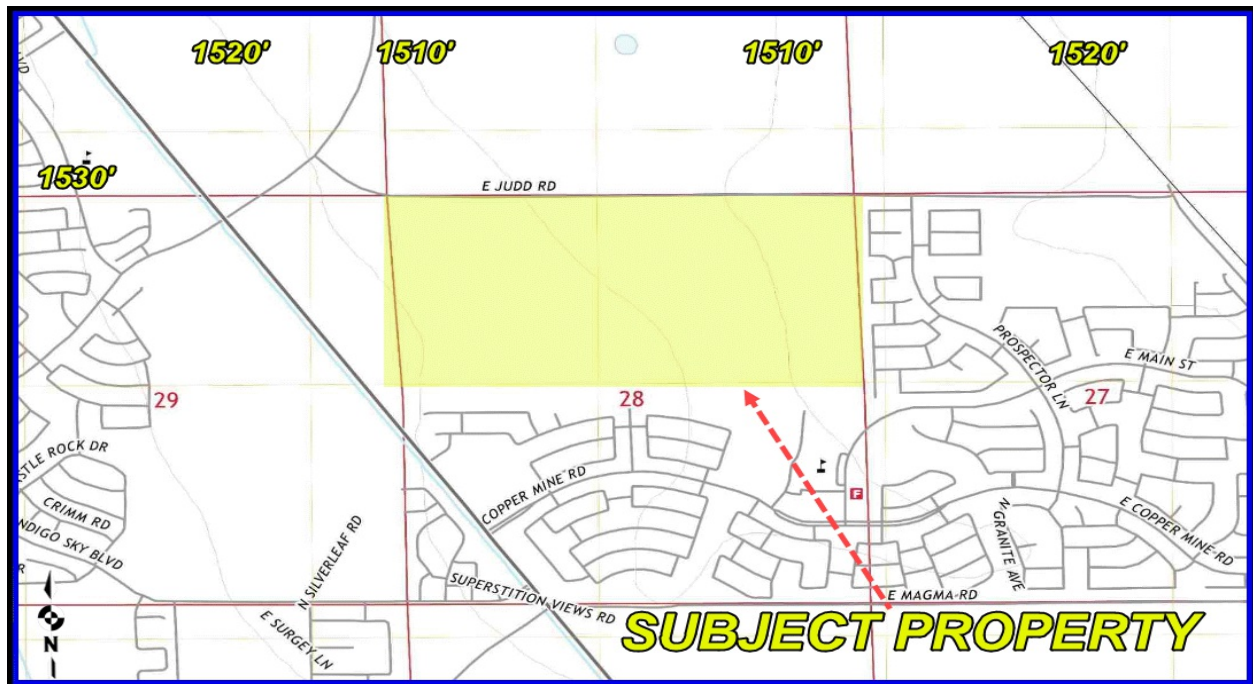


Figure 12 - USGS Magma, AZ Quadrangle 7.5 Minute Series Topographic Map Dated 2021

#### 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:

- *Google Earth - Photos dated 1985 to 2022*
- *Flood Control District of Maricopa County - Photos dated 1949 to 2022*
- *Maricopa County Assessors Map - Photos dated 2011 to 2022*
- *Maricopa County Historical Aerial Photographs - dated 1937 to 2022*
- *Magma, AZ Quadrangle, Arizona - Maricopa 7.5 minute series topographic map (dated 2021)*
- *Historical topographical maps - 1907 to 2021*
- *Nearmap - February 4, 2023*

#### 4.1 Aerial Photographic Review

Aerial photographs from 1949 to 2023 were reviewed. The table on the following pages identifies GTI's observations from these aerial photographs.



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**AERIAL PHOTOGRAPHIC REVIEW**

DATE	FINDINGS
2023	<p><b>Site:</b> <i>Agricultural Land, Drainage Feature, North Tourmaline Drive</i></p> <p><b>North:</b> <i>Agricultural Land</i></p> <p><b>South:</b> <i>Residential Subdivision, Neighborhood Park, Copper Basin K-8 School</i></p> <p><b>East:</b> <i>Residential Development, Vacant Land</i></p> <p><b>West:</b> <i>Agricultural Land, Hunt Highway, Vacant Land, Residential Subdivision</i></p> 
2018	<p><b>Site:</b> <i>Agricultural Land, Drainage Feature, North Tourmaline Drive</i></p> <p><b>North:</b> <i>Agricultural Land</i></p> <p><b>South:</b> <i>Residential Subdivision, Neighborhood Park, Copper Basin K-8 School</i></p> <p><b>East:</b> <i>Residential Development, Vacant Land</i></p> <p><b>West:</b> <i>Agricultural Land, Hunt Highway, Vacant Land, Residential Subdivision</i></p> 

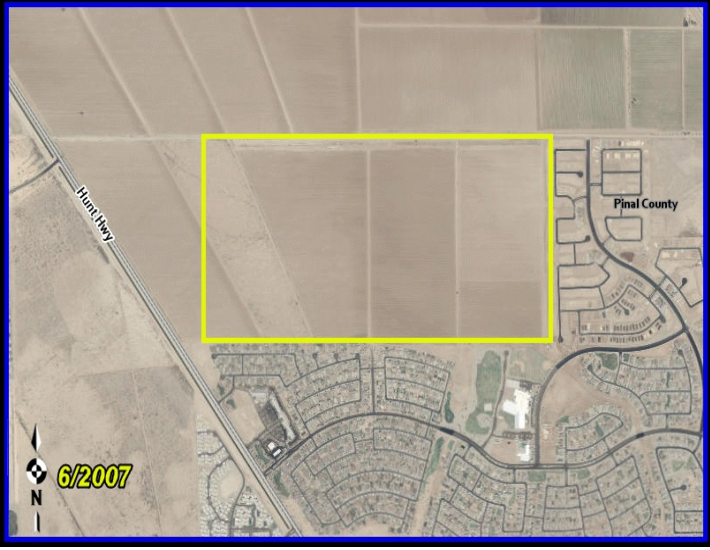

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**AERIAL PHOTOGRAPHIC REVIEW**

DATE	FINDINGS
<p>2007</p>	<p><b>Site:</b> <i>Agricultural Land, Drainage Feature</i>  <b>North:</b> <i>Agricultural Land</i>  <b>South:</b> <i>Residential Subdivision, Neighborhood Park, Copper Basin K-8 School</i>  <b>East:</b> <i>Residential Development, Agricultural Land</i>  <b>West:</b> <i>Agricultural Land, Hunt Highway</i></p> 
<p>1992</p>	<p><b>Site:</b> <i>Agricultural Land, Drainage Feature</i>  <b>North:</b> <i>Agricultural Land</i>  <b>South:</b> <i>Agricultural Land</i>  <b>East:</b> <i>Agricultural Land</i>  <b>West:</b> <i>Agricultural Land, Hunt Highway</i></p> 

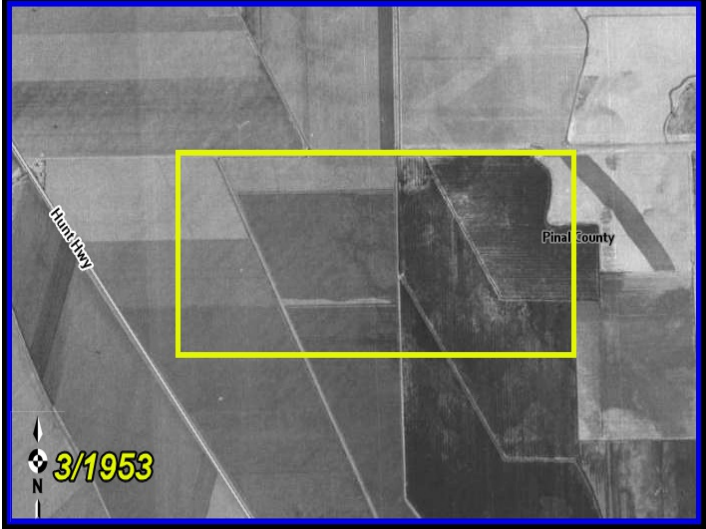

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**AERIAL PHOTOGRAPHIC REVIEW**

DATE	FINDINGS
<p>1953</p>	<p><b>Site:</b> <i>Agricultural Land</i>  <b>North:</b> <i>Agricultural Land</i>  <b>South:</b> <i>Agricultural Land</i>  <b>East:</b> <i>Agricultural Land</i>  <b>West:</b> <i>Agricultural Land, Hunt Highway</i></p> 
<p>1937</p>	<p><b>Site:</b> <i>Undeveloped Native Desert</i>  <b>North:</b> <i>Undeveloped Native Desert</i>  <b>South:</b> <i>Undeveloped Native Desert</i>  <b>East:</b> <i>Undeveloped Native Desert</i>  <b>West:</b> <i>Undeveloped Native Desert, Hunt Highway</i></p> 

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#### **4.2 Sanborn Maps**

Environmental Data Resources (EDR) reviewed the *Sanborn* Maps for the Subject Property and issued a Certified Letter dated April 14, 2023 indicating that the Subject Property was unmapped. A copy of the EDR Sanborn Certified Map Letter is presented in the Appendix.

#### **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 2010 to 2020. GTI reviewed the City Directories for the Subject Property and nearby facilities and did not find any owners/tenant listings which 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 from 1937 (*earliest available aerial photograph*) up until 1953 when it was converted to agricultural land. The Subject Property would remain agricultural land from 1953 up to the present with only minor changes to the irrigation system, the addition of a storm water drainage feature along the Northern edge in 1954 and North Tourmaline Drive through the center of the Subject Property in 2018.

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

##### **4.5.1 Salt River Project (SRP)**

GTI spoke with a representative of the Salt River Project (SRP) on April 3, 2023 that indicated they provide electrical power to the Subject Property and the general vicinity. Based on GTI's conversation, they stated they have replaced all the PCBs in their electrical transformers with mineral oil and thus do not have any PCB related environmental issues.

##### **4.5.2 Ms. Angela Carmitchel (Client)**

GTI spoke with Ms. Carmitchel on April 3, 2023 with **D.R. HORTON (CLIENT)**. Ms. Carmitchel provided authorization for this Phase I Environmental Site Assessment (ESA) at the Subject Property. Ms. Carmitchel was not aware of any environmental issues at the Subject Property.

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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 it was undeveloped native desert in the earliest available aerial photographs.

**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].

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.



**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 13. A listing of all the databases reviewed is shown on the following pages. The full governmental database search is included in the Appendix.

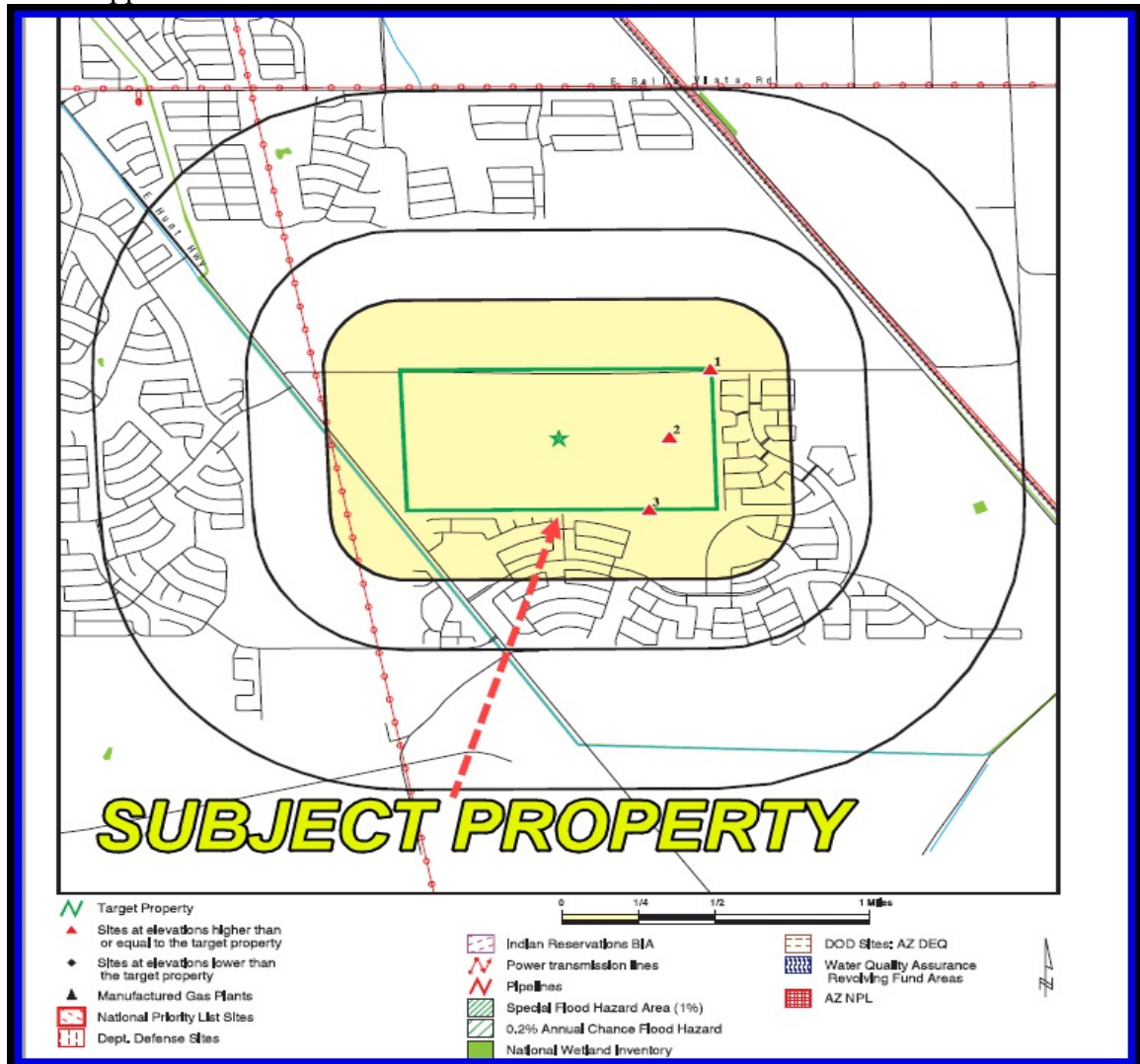


Figure 13 - Governmental Database Search Area Map

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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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**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>Lists of state and tribal leaking storage tanks</b>								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b>Lists of state and tribal registered storage tanks</b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
AZURITE	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
<b>Lists of state and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b>Lists of state and tribal brownfield sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	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>Local Land Records</b>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</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>Other Ascertainable Records</b>								
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
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	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 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
PFAS	0.250		0	0	NR	NR	NR	0
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

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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
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		3	NR	NR	NR	NR	3
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		0	NR	NR	NR	NR	0
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
PFAS TRIS	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
<b>EDR HIGH RISK HISTORICAL RECORDS</b>								
<b>EDR Exclusive Records</b>								
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>								
<b>Exclusive Recovered Govt. Archives</b>								
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	3	0	0	0	0	3

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 twice in the governmental database search. There were a total of three (3) listings identified within the minimum ASTM search distances. These listings are discussed below:

- **Map ID No. "1"** is for **The Village at Copper Basin Unit 5C-1**, located, at the Subject Property. The listing is for a EMAP (*All Places of Interest*) related to the residential subdivision known as The Village at Copper Basin. As there are no violations associated with this listing, it does not pose an REC to the Subject Property.

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- **Map ID No. "2"** is for **PARCEL #210-26-8100**, located at the Subject Property. The listing is for a EMAP (*All Places of Interest*) in regards to the farming operations at the Subject Property. As there are no violations associated with this listing it does not pose an environmental threat or REC to the Subject Property.
- **Map ID No. "3"** is for the **Johnson Utility - Copper Basin Lift Station Sewer Force Main**, located approximately less than an  $\frac{1}{8}\pm$  mile Southeast of the Subject Property. The listing is for a EMAP (*All Places of Interest*) in regards to a waste water lift station located adjacent to the Southwest corner of the Subject Property. 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 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*

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*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 **twenty-five (25)** water wells located within a one (1) mile radius of the Subject Property, but no wells located within the Subject Property.

Figure 14 shows the location of the Subject Property and the well locations. 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.

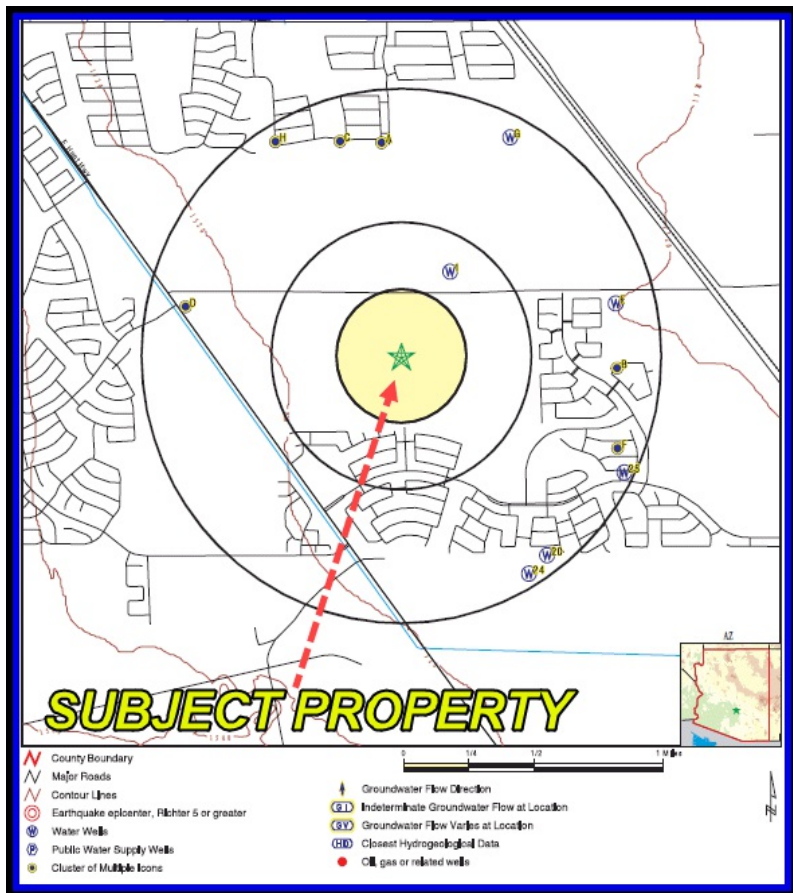


Figure 14 - USGS-FRDS Well Map

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## **7.0 CONCLUSIONS AND RECOMMENDATIONS**

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 **NORTH COPPER BASIN DEVELOPMENT**, located South of East Judd Road & North Tourmaline Drive, San Tan Valley, Pinal County, Arizona, 85143. 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, other than an Organochlorine Pesticide Soil Screen Testing for the surficial soils as the Subject Property to be sure that there is no agrochemical contamination at the Subject Property. GTI can be retained to provide this service, if desired.

## **8.0 LIMITATIONS**

GTI's professional services have been performed using that degree and skill ordinarily exercised, under similar circumstances, by reputable geotechnical 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 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 **D.R. HORTON (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.



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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.*

## **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, 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 - GTI Senior Project Manager**

Mr. Squires is a 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 2 years in Arizona and Texas, and has nine years of

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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 (GTI) and is responsible for all the technical and administrative aspects of the company. He holds a Master's degree and Ph.D., in civil engineering with a special focus on environmental and geotechnical engineering. Dr. Fleming has over 39+ 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

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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 Mold Institute.

**10.0 LIST OF REFERENCES**

- ADEQ DRASTIC maps for Maricopa County
- ADEQ Pesticides Division
- EDR Environmental Data Resources, Inc. - April 14, 2023
- ADEQ Dry Well Registration Data Base - April 14, 2023
- Directory of Arizona Active Landfills - ADEQ, April 14, 2023
- Directory of Arizona Inactive Landfills - ADEQ, April 14, 2023
- Directory of Arizona Closed Solid Landfills - ADEQ, April 14, 2023
- FEMA. Flood Map - No. 04013C0475E (effective date: December 4, 2007)
- Maricopa County Flood Control District - Current Flood Map
- Arizona Department of Water Resources
- Standard Practice for Environmental Site Assessments - ASTM E-1527-21
- ADEQ Underground Storage Tanks Division
- USGS Maps - *Magma*, AZ Quadrangle 7.5 minute series - 2021
- USGS Historical Topographic Maps Dated 1907 to 2021
- Site Auditing-Environmental Assessment of Subject Property-1992 Specialty Technical Publishers
- Environmental Liability and Real Subject Property Transactions - 1989 John Wiley & Sons
- Salt River Project (SRP)
- Google Earth - Photos Dated 1985 to 2022
- Flood Control District of Maricopa County - Photos dated 1949 to 2022
- Maricopa County Assessors Office - Photos dated 2011 to 2022
- Maricopa County Historical Aerial Photographs dated 1937 to 2022
- Nearmap Dated February 4, 2023



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**APPENDIX**

**Dobbins Road Development**  
Off Hunt Highway and Judd Road  
San Tan Valley, AZ 85143

Inquiry Number: 7308675.2s  
April 14, 2023

## The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
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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

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

### TARGET PROPERTY INFORMATION

#### ADDRESS

OFF HUNT HIGHWAY AND JUDD ROAD  
SAN TAN VALLEY, AZ 85143

#### COORDINATES

Latitude (North): 33.1436600 - 33° 8' 37.17"  
Longitude (West): 111.5350830 - 111° 32' 6.29"  
Universal Transverse Mercator: Zone 12  
UTM X (Meters): 450094.5  
UTM Y (Meters): 3667149.0  
Elevation: 1509 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 11823473 SACATON NE, AZ  
Version Date: 2018  
  
South Map: 11823379 BLACKWATER, AZ  
Version Date: 2018

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20150529  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
OFF HUNT HIGHWAY AND JUDD ROAD  
SAN TAN VALLEY, AZ 85143

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.)
<a href="#">1</a>	THE VILLAGE AT COPPE		EMAP	Higher	1 ft.
<a href="#">2</a>	PARCEL 210268100		EMAP	Higher	1 ft.
<a href="#">3</a>	JOHNSON UTIL-COPPER		EMAP	Higher	5, 0.001,



# 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/DEMUR 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
FINDS.....	Facility Index System/Facility Registry System
ECHO.....	Enforcement & Compliance History Information
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
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
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
SPDES.....	NPDES
VAPOR.....	Vapor Intrusion
UIC.....	Underground Injection Control Wells
WWFAC.....	Waste Water Treatment Facilities
PFAS TRIS.....	List of PFAS Added to the TRI
MINES MRDS.....	Mineral Resources Data System

### EDR HIGH RISK HISTORICAL RECORDS

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

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

### EDR RECOVERED GOVERNMENT ARCHIVES

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

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

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

## 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.

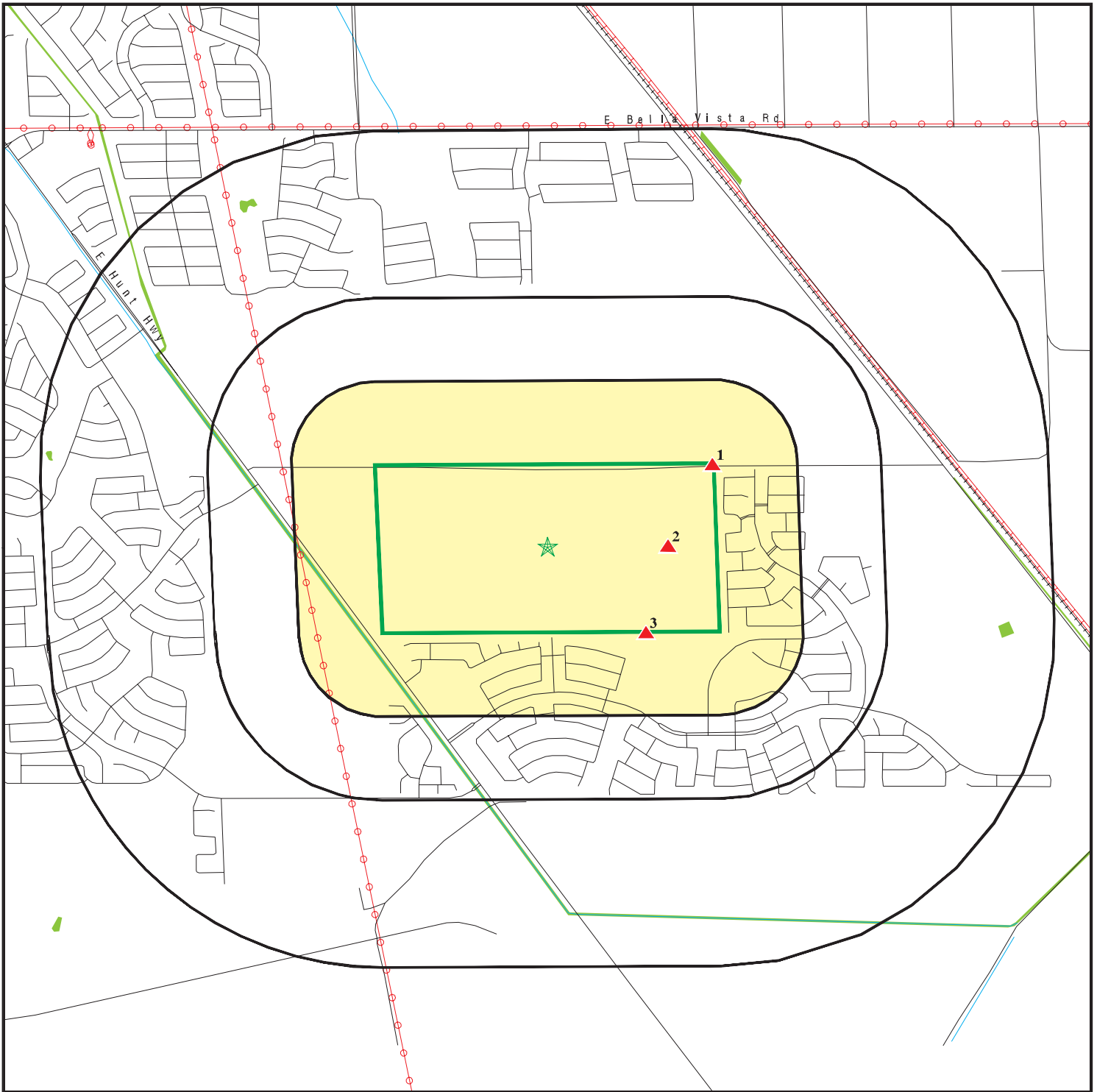
A review of the EMAP list, as provided by EDR, and dated 09/08/2022 has revealed that there are 3 EMAP sites within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
THE VILLAGE AT COPPE Facility Status: ACTIVE ID Number: 178913		0 - 1/8 (0.000 mi.)	1	8
PARCEL 210268100 Facility Status: ACTIVE ID Number: 209981		0 - 1/8 (0.000 mi.)	2	8
JOHNSON UTIL-COPPER Facility Status: ACTIVE ID Number: 166545		0 - 1/8 (0.001 mi.)	3	9

## EXECUTIVE SUMMARY

There were no unmapped sites in this report.

# OVERVIEW MAP - 7308675.2S



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

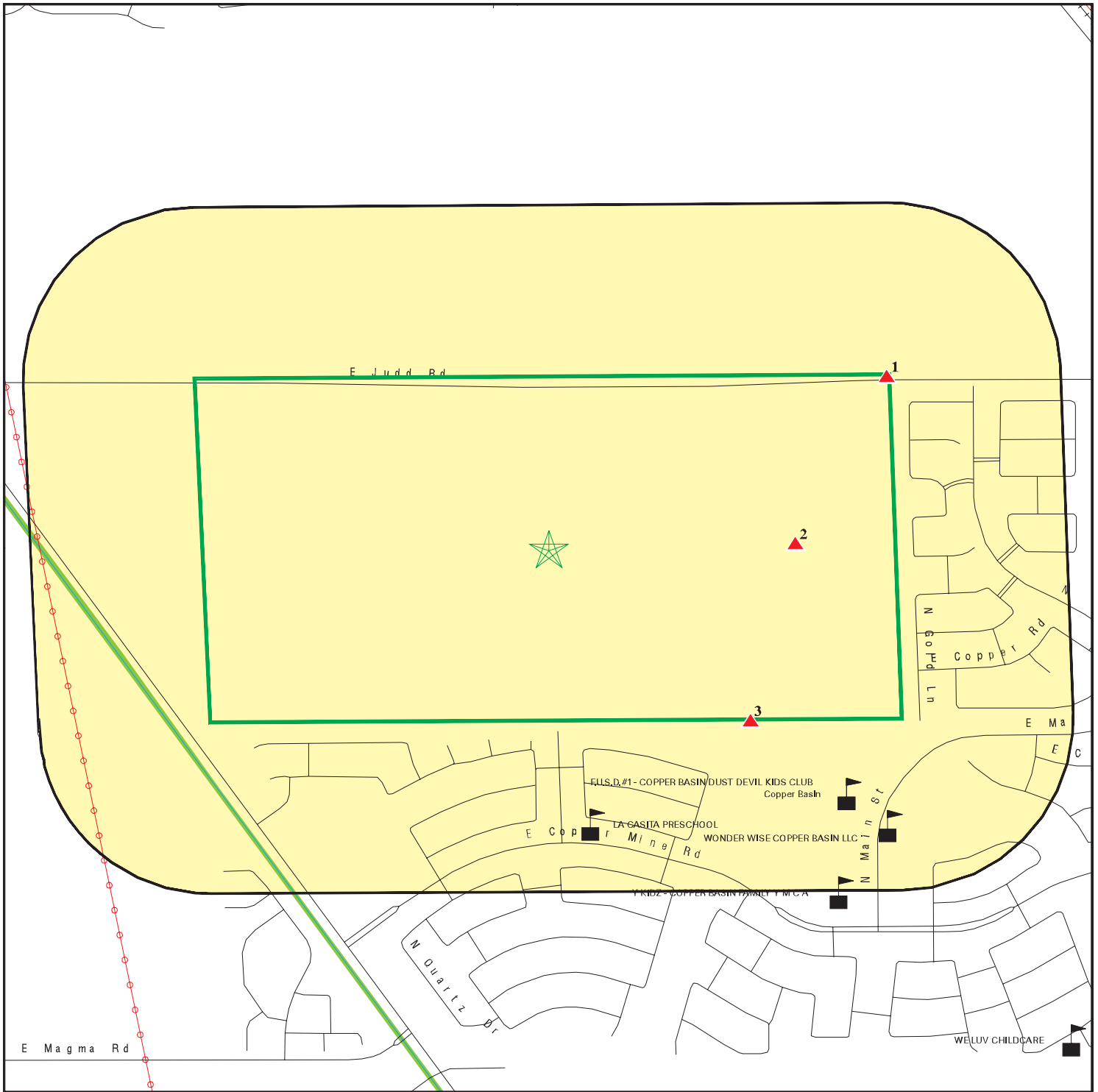









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Dobbins Road Development  
 ADDRESS: Off Hunt Highway and Judd Road  
 San Tan Valley AZ 85143  
 LAT/LONG: 33.14366 / 111.535083











CLIENT: Geotechnical Testing & Inspections  
 CONTACT: Daren Villa  
 INQUIRY #: 7308675.2s  
 DATE: April 14, 2023 1:02 pm

# DETAIL MAP - 7308675.2S



-  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: Dobbins Road Development  
 ADDRESS: Off Hunt Highway and Judd Road  
 San Tan Valley AZ 85143  
 LAT/LONG: 33.14366 / 111.535083

CLIENT: Geotechnical Testing & Inspections  
 CONTACT: Daren Villa  
 INQUIRY #: 7308675.2s  
 DATE: April 14, 2023 1:03 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
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	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 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
PFAS	0.250		0	0	NR	NR	NR	0
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

## 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
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		3	NR	NR	NR	NR	3
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		0	NR	NR	NR	NR	0
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
PFAS TRIS	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### *Exclusive Recovered Govt. Archives*

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	3	0	0	0	0	3
-------------	--	---	---	---	---	---	---	---

#### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**1 THE VILLAGE AT COPPER BASIN UNIT 5C-1**

**EMAP S122975813  
 N/A**

**< 1/8  
 1 ft. QUEEN CREEK, AZ 85142**

**Relative:** EMAP:  
**Higher** Name: THE VILLAGE AT COPPER BASIN UNIT 5C-1  
 Address: Not reported  
**Actual:** City,State,Zip: QUEEN CREEK, AZ 85142  
**1513 ft.** ID Number: 178913  
 Township: 3S  
 Range: 8E  
 Section: 28  
 Quarter 1: NE  
 Quarter 2: NE  
 Quarter 3: NE  
 Latitude: 33.1473140  
 Longitude: -111.5265770  
 Collection Method: PROVIDED BY OWNER/OPERATOR  
 Place Type: SUBDIVISION  
 Place Type Code: SUB  
 Place C Code: PP  
 Facility Status: ACTIVE  
 End Date: Not reported  
 Verified: Y

**2 PARCEL 210268100**

**EMAP S127053673  
 N/A**

**< 1/8  
 1 ft. SAN TAN VALLEY, AZ 85143**

**Relative:** EMAP:  
**Higher** Name: PARCEL 210268100  
 Address: Not reported  
**Actual:** City,State,Zip: SAN TAN VALLEY, AZ 85143  
**1511 ft.** ID Number: 209981  
 Township: Not reported  
 Range: Not reported  
 Section: Not reported  
 Quarter 1: Not reported  
 Quarter 2: Not reported  
 Quarter 3: Not reported  
 Latitude: 33.1437694  
 Longitude: -111.5288750  
 Collection Method: DIGITAL IMAGERY  
 Place Type: FARM/RANCH  
 Place Type Code: FARM  
 Place C Code: PP  
 Facility Status: ACTIVE  
 End Date: Not reported  
 Verified: Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**3 JOHNSON UTIL-COPPER BASIN LIFT STATION SEWER FORCE**

**EMAP S121574595  
N/A**

**< 1/8  
0.001 mi.  
5 ft.**

**Relative:  
Higher**

EMAP:

**Actual:  
1509 ft.**

Name: JOHNSON UTIL-COPPER BASIN LIFT STATION SEWER FORCE MAIN  
Address: Not reported  
City,State,Zip: FLORENCE, AZ  
ID Number: 166545  
Township: 3S  
Range: 8E  
Section: 27  
Quarter 1: Not reported  
Quarter 2: Not reported  
Quarter 3: Not reported  
Latitude: 33.1400167  
Longitude: -111.5300139  
Collection Method: DIGITAL IMAGERY  
Place Type: WASTEWATER TREATMENT PLANT  
Place Type Code: WWTP  
Place C Code: PP  
Facility Status: ACTIVE  
End Date: Not reported  
Verified: Y

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

## STANDARD ENVIRONMENTAL RECORDS

### *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: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/03/2023	Telephone: N/A
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 04/03/2023
Number of Days to Update: 25	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Quarterly

#### NPL Site Boundaries

##### Sources:

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

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

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

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

Date of Government Version: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/02/2023	Telephone: N/A
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 04/03/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/10/2023
	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: 01/25/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 26

Source: EPA  
Telephone: N/A  
Last EDR Contact: 04/03/2023  
Next Scheduled EDR Contact: 07/10/2023  
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: 12/20/2022  
Date Data Arrived at EDR: 12/21/2022  
Date Made Active in Reports: 03/10/2023  
Number of Days to Update: 79

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 03/28/2023  
Next Scheduled EDR Contact: 07/10/2023  
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: 01/25/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 26

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 04/03/2023  
Next Scheduled EDR Contact: 07/24/2023  
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: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/02/2023	Telephone: 800-424-9346
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 04/03/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/24/2023
	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: 03/06/2023	Source: EPA
Date Data Arrived at EDR: 03/09/2023	Telephone: 800-424-9346
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	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: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	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: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	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: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

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

### LUCIS: Land Use Control Information System

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

Date of Government Version: 11/02/2022	Source: Department of the Navy
Date Data Arrived at EDR: 11/08/2022	Telephone: 843-820-7326
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 02/03/2023
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/22/2023
	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: 10/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2022	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/05/2023
	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: 10/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2022	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Federal ERNS list**

### ERNS: Emergency Response Notification System

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

Date of Government Version: 12/12/2022	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 12/14/2022	Telephone: 202-267-2180
Date Made Active in Reports: 12/19/2022	Last EDR Contact: 03/21/2023
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/03/2023
	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: 12/31/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/15/2022	Telephone: 602-771-4609
Date Made Active in Reports: 06/08/2022	Last EDR Contact: 02/06/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/29/2023
	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: 12/31/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/11/2022	Telephone: 602-771-4360
Date Made Active in Reports: 06/08/2022	Last EDR Contact: 02/09/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 05/29/2023
	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	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/04/2018	Telephone: 602-771-4360
Date Made Active in Reports: 05/17/2018	Last EDR Contact: 01/20/2023
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/08/2023
	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	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/11/2000	Telephone: 602-771-4360
Date Made Active in Reports: 05/16/2000	Last EDR Contact: 03/09/2023
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/26/2023
	Data Release Frequency: No Update Planned

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

### TUCSON LF: City of Tucson Landfills Listing

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/06/2023  
Next Scheduled EDR Contact: 07/17/2023  
Data Release Frequency: Varies

## 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.

Date of Government Version: 12/09/2022  
Date Data Arrived at EDR: 01/03/2023  
Date Made Active in Reports: 03/24/2023  
Number of Days to Update: 80

Source: Department of Environmental Quality  
Telephone: 602-771-2300  
Last EDR Contact: 03/23/2023  
Next Scheduled EDR Contact: 07/17/2023  
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: 10/03/2022  
Date Data Arrived at EDR: 10/06/2022  
Date Made Active in Reports: 12/21/2022  
Number of Days to Update: 76

Source: Department of Environmental Quality  
Telephone: 602-771-4345  
Last EDR Contact: 04/06/2023  
Next Scheduled EDR Contact: 04/17/2023  
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: 10/19/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
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: 11/26/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

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

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/14/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6271
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

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

Date of Government Version: 11/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2022	Telephone: 415-972-3372
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

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

Date of Government Version: 10/14/2022	Source: EPA, Region 5
Date Data Arrived at EDR: 12/06/2022	Telephone: 312-886-7439
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	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: 11/23/2022	Source: EPA Region 6
Date Data Arrived at EDR: 12/06/2022	Telephone: 214-665-6597
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	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: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 01/17/2023
Number of Days to Update: 64	Next Scheduled EDR Contact: 05/01/2023
	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: 10/14/2021	Source: FEMA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-646-5797
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 03/29/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 07/17/2023
	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: 10/03/2022	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/06/2022	Telephone: 602-771-4345
Date Made Active in Reports: 12/21/2022	Last EDR Contact: 04/06/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 03/01/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: No Update Planned

## AST 2: Aboveground Storage Tank Listing

A listing of aboveground storage tank site locations.

Date of Government Version: 11/15/2022  
Date Data Arrived at EDR: 12/02/2022  
Date Made Active in Reports: 02/17/2023  
Number of Days to Update: 77

Source: Department of Environmental Quality  
Telephone: 602-771-4380  
Last EDR Contact: 03/01/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Varies

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

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

Date of Government Version: 11/23/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
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: 11/23/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
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: 04/20/2022  
Date Data Arrived at EDR: 06/13/2022  
Date Made Active in Reports: 08/16/2022  
Number of Days to Update: 64

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
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: 11/23/2022  
Date Data Arrived at EDR: 12/06/2022  
Date Made Active in Reports: 03/03/2023  
Number of Days to Update: 87

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 01/17/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 10/14/2022	Source: EPA Region 5
Date Data Arrived at EDR: 12/06/2022	Telephone: 312-886-6136
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

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

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

Date of Government Version: 10/19/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 12/06/2022	Telephone: 617-918-1313
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

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

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

Date of Government Version: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	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: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6137
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	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: 11/17/2022	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/21/2022	Telephone: 602-771-4397
Date Made Active in Reports: 02/08/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/26/2023
	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.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/17/2022  
Date Data Arrived at EDR: 11/17/2022  
Date Made Active in Reports: 02/08/2023  
Number of Days to Update: 83

Source: Department of Environmental Quality  
Telephone: 602-771-4397  
Last EDR Contact: 03/09/2023  
Next Scheduled EDR Contact: 06/26/2023  
Data Release Frequency: Varies

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

### **INDIAN VCP R1: Voluntary Cleanup Priority Listing**

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

Date of Government Version: 07/27/2015  
Date Data Arrived at EDR: 09/29/2015  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 142

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 03/17/2023  
Next Scheduled EDR Contact: 07/03/2023  
Data Release Frequency: Varies

### **VCP: Voluntary Remediation Program Sites**

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 06/21/2022  
Date Data Arrived at EDR: 08/11/2022  
Date Made Active in Reports: 11/03/2022  
Number of Days to Update: 84

Source: Department of Environmental Quality  
Telephone: 602-771-4411  
Last EDR Contact: 03/22/2023  
Next Scheduled EDR Contact: 07/10/2023  
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  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 07/08/2021  
Next Scheduled EDR Contact: 07/20/2009  
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  
Date Data Arrived at EDR: 09/09/2022  
Date Made Active in Reports: 12/08/2022  
Number of Days to Update: 90

Source: Department of Environmental Quality  
Telephone: 602-771-4401  
Last EDR Contact: 03/22/2023  
Next Scheduled EDR Contact: 07/10/2023  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/23/2022  
Date Data Arrived at EDR: 03/10/2022  
Date Made Active in Reports: 03/10/2022  
Number of Days to Update: 0

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 04/06/2023  
Next Scheduled EDR Contact: 06/26/2023  
Data Release Frequency: Semi-Annually

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

### SWTIRE: Solid Waste Tire Facilities

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

Date of Government Version: 07/29/2022  
Date Data Arrived at EDR: 11/17/2022  
Date Made Active in Reports: 02/08/2023  
Number of Days to Update: 83

Source: Department of Environmental Quality  
Telephone: 602-771-4132  
Last EDR Contact: 02/15/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 01/20/2023  
Next Scheduled EDR Contact: 05/08/2023  
Data Release Frequency: Varies

### ODI: Open Dump Inventory

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

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

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

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

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

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

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 04/12/2023  
Next Scheduled EDR Contact: 07/31/2023  
Data Release Frequency: No Update Planned

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

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

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

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 01/27/2023  
Next Scheduled EDR Contact: 05/08/2023  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/06/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 02/10/2023  
Number of Days to Update: 8

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/02/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: No Update Planned

## CDL: Clandestine Drug Labs

A listing of drug lab seizures in Arizona.

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

Source: Board of Technical Registration  
Telephone: 602-364-4931  
Last EDR Contact: 03/16/2023  
Next Scheduled EDR Contact: 07/03/2023  
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: 01/06/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 02/10/2023  
Number of Days to Update: 8

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/02/2023  
Next Scheduled EDR Contact: 06/05/2023  
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: 01/25/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 26

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 04/03/2023  
Next Scheduled EDR Contact: 07/10/2023  
Data Release Frequency: Semi-Annually

## Records of Emergency Release Reports

### HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/13/2022  
Date Data Arrived at EDR: 12/14/2022  
Date Made Active in Reports: 03/10/2023  
Number of Days to Update: 86

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 03/21/2023  
Next Scheduled EDR Contact: 07/03/2023  
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: 02/02/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SPILLS 90: SPILLS90 data from FirstSearch

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

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

## Other Ascertainable Records

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

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

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	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: 11/01/2022	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 11/10/2022	Telephone: 202-528-4285
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/14/2023
Number of Days to Update: 91	Next Scheduled EDR Contact: 05/29/2023
	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	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 04/11/2023
Number of Days to Update: 239	Next Scheduled EDR Contact: 07/24/2023
	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	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 04/03/2023
Number of Days to Update: 574	Next Scheduled EDR Contact: 07/17/2023
	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: 02/02/2023  
Next Scheduled EDR Contact: 05/22/2023  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 12/13/2022  
Date Data Arrived at EDR: 12/14/2022  
Date Made Active in Reports: 03/10/2023  
Number of Days to Update: 86

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 03/21/2023  
Next Scheduled EDR Contact: 07/03/2023  
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: 01/30/2023  
Next Scheduled EDR Contact: 05/15/2023  
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: 02/03/2023  
Next Scheduled EDR Contact: 05/15/2023  
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: 03/13/2023  
Next Scheduled EDR Contact: 06/26/2023  
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: 12/31/2021  
Date Data Arrived at EDR: 11/01/2022  
Date Made Active in Reports: 02/09/2023  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 02/16/2023  
Next Scheduled EDR Contact: 05/29/2023  
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: 10/17/2022  
Date Data Arrived at EDR: 10/18/2022  
Date Made Active in Reports: 01/10/2023  
Number of Days to Update: 84

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 01/18/2023  
Next Scheduled EDR Contact: 05/01/2023  
Data Release Frequency: Annually

## ROD: Records Of Decision

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

Date of Government Version: 01/25/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 26

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 04/03/2023  
Next Scheduled EDR Contact: 06/12/2023  
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: 04/27/2022  
Date Data Arrived at EDR: 05/04/2022  
Date Made Active in Reports: 05/10/2022  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 04/13/2023  
Next Scheduled EDR Contact: 07/31/2023  
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: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 202-564-6023
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 04/03/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

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

Date of Government Version: 11/03/2022	Source: EPA
Date Data Arrived at EDR: 01/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 04/04/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/29/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Quarterly

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

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

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

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

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

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

## MLTS: Material Licensing Tracking System

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

Date of Government Version: 10/26/2022	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 11/22/2022	Telephone: 301-415-7169
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 04/13/2023
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/31/2023
	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: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 03/03/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

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

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

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 02/27/2023
Number of Days to Update: 251	Next Scheduled EDR Contact: 06/12/2023
	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: 02/03/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 05/15/2023
	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: 03/23/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 07/10/2023
	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: 01/24/2023  
Next Scheduled EDR Contact: 05/08/2023  
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: 12/31/2022  
Date Data Arrived at EDR: 01/12/2023  
Date Made Active in Reports: 04/07/2023  
Number of Days to Update: 85

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 04/03/2023  
Next Scheduled EDR Contact: 07/17/2023  
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: 03/09/2023  
Next Scheduled EDR Contact: 07/03/2023  
Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

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

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

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 04/06/2023  
Next Scheduled EDR Contact: 07/17/2023  
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: 07/26/2021  
Date Data Arrived at EDR: 07/27/2021  
Date Made Active in Reports: 10/22/2021  
Number of Days to Update: 87

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 01/30/2023  
Next Scheduled EDR Contact: 05/15/2023  
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: 02/13/2023  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2023  
Date Data Arrived at EDR: 02/02/2023  
Date Made Active in Reports: 02/28/2023  
Number of Days to Update: 26

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 04/03/2023  
Next Scheduled EDR Contact: 07/10/2023  
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: 02/27/2023  
Date Data Arrived at EDR: 03/01/2023  
Date Made Active in Reports: 03/24/2023  
Number of Days to Update: 23

Source: DOL, Mine Safety & Health Admi  
Telephone: 202-693-9424  
Last EDR Contact: 04/04/2023  
Next Scheduled EDR Contact: 06/12/2023  
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: 11/07/2022  
Date Data Arrived at EDR: 11/17/2022  
Date Made Active in Reports: 02/10/2023  
Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 02/22/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 05/06/2020  
Date Data Arrived at EDR: 05/27/2020  
Date Made Active in Reports: 08/13/2020  
Number of Days to Update: 78

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 02/24/2023  
Next Scheduled EDR Contact: 06/05/2023  
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: 02/24/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 12/20/2022  
Date Data Arrived at EDR: 12/20/2022  
Date Made Active in Reports: 03/10/2023  
Number of Days to Update: 80

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 03/16/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 02/02/2023  
Date Data Arrived at EDR: 02/28/2023  
Date Made Active in Reports: 03/24/2023  
Number of Days to Update: 24

Source: EPA  
Telephone: (415) 947-8000  
Last EDR Contact: 02/28/2023  
Next Scheduled EDR Contact: 06/12/2023  
Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021  
Date Data Arrived at EDR: 10/20/2022  
Date Made Active in Reports: 01/10/2023  
Number of Days to Update: 82

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 04/06/2023  
Next Scheduled EDR Contact: 07/24/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 02/24/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

## ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 01/01/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/04/2023	Telephone: 202-564-2280
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/31/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Quarterly

## FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 11/10/2022	Source: EPA
Date Data Arrived at EDR: 11/10/2022	Telephone: 800-385-6164
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/14/2023
Number of Days to Update: 91	Next Scheduled EDR Contact: 05/29/2023
	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: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2022	Telephone: 703-603-8895
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 04/04/2023
Number of Days to Update: 123	Next Scheduled EDR Contact: 07/17/2023
	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: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/07/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

## 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: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 03/30/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 03/30/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 07/17/2023
	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: 01/23/2023
Number of Days to Update: 601	Next Scheduled EDR Contact: 05/08/2023
	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: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 03/30/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

## 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.

Date of Government Version: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/07/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 8	Next Scheduled EDR Contact: 07/17/2023
	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: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	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: 03/30/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/30/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 4	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

## 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: 01/02/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 07/17/2023
	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: 01/27/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/15/2023
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/14/2020  
Date Data Arrived at EDR: 03/22/2022  
Date Made Active in Reports: 04/26/2022  
Number of Days to Update: 35

Source: Department of Environmental Quality  
Telephone: 602-771-6145  
Last EDR Contact: 01/27/2023  
Next Scheduled EDR Contact: 05/15/2023  
Data Release Frequency: Varies

## 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: 12/20/2022  
Date Data Arrived at EDR: 12/20/2022  
Date Made Active in Reports: 03/14/2023  
Number of Days to Update: 84

Source: Department of Environmental Quality  
Telephone: 602-771-2344  
Last EDR Contact: 03/22/2023  
Next Scheduled EDR Contact: 07/10/2023  
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: 11/16/2022  
Date Data Arrived at EDR: 11/17/2022  
Date Made Active in Reports: 11/23/2022  
Number of Days to Update: 6

Source: Department of Environmental Quality  
Telephone: 602-771-4623  
Last EDR Contact: 02/03/2023  
Next Scheduled EDR Contact: 05/22/2023  
Data Release Frequency: Semi-Annually

## DOD: Department of Defense Sites

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

Date of Government Version: 09/30/2022  
Date Data Arrived at EDR: 11/21/2022  
Date Made Active in Reports: 02/09/2023  
Number of Days to Update: 80

Source: Department of Environmental Quality  
Telephone: 602-771-4360  
Last EDR Contact: 02/09/2023  
Next Scheduled EDR Contact: 05/29/2023  
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: 03/07/2023  
Next Scheduled EDR Contact: 05/29/2023  
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: 03/09/2023  
Next Scheduled EDR Contact: 06/26/2023  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/23/2023  
Next Scheduled EDR Contact: 06/12/2023  
Data Release Frequency: Varies

## ENF: Enforcement and Violation Listing

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

Date of Government Version: 01/24/2023  
Date Data Arrived at EDR: 01/25/2023  
Date Made Active in Reports: 04/12/2023  
Number of Days to Update: 77

Source: Department of Environmental Quality  
Telephone: 602-771-4424  
Last EDR Contact: 01/20/2023  
Next Scheduled EDR Contact: 05/08/2023  
Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for ust sites.

Date of Government Version: 09/30/2022  
Date Data Arrived at EDR: 10/05/2022  
Date Made Active in Reports: 10/26/2022  
Number of Days to Update: 21

Source: Department of Environmental Quality  
Telephone: 602-771-4258  
Last EDR Contact: 03/14/2023  
Next Scheduled EDR Contact: 07/03/2023  
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: 03/09/2023  
Next Scheduled EDR Contact: 06/26/2023  
Data Release Frequency: Annually

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

NPDES permit sites

Date of Government Version: 11/18/2022  
Date Data Arrived at EDR: 11/21/2022  
Date Made Active in Reports: 02/09/2023  
Number of Days to Update: 80

Source: Department of Environmental Quality  
Telephone: 602-771-4424  
Last EDR Contact: 03/29/2023  
Next Scheduled EDR Contact: 07/17/2023  
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: 03/22/2023  
Next Scheduled EDR Contact: 07/10/2023  
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: 03/08/2023  
Next Scheduled EDR Contact: 05/08/2023  
Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## WWFAC: Waste Water Treatment Facilities

Statewide list of waste water treatment facilities.

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

Source: Department of Environmental Quality  
Telephone: 602-771-4623  
Last EDR Contact: 04/12/2023  
Next Scheduled EDR Contact: 07/31/2023  
Data Release Frequency: Varies

## 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: 02/24/2023  
Next Scheduled EDR Contact: 06/05/2023  
Data Release Frequency: Varies

## PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014  
Date Data Arrived at EDR: 01/06/2015  
Date Made Active in Reports: 05/06/2015  
Number of Days to Update: 120

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 03/30/2023  
Next Scheduled EDR Contact: 07/17/2023  
Data Release Frequency: Semi-Annually

## PCS: Permit Compliance System

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

Date of Government Version: 07/14/2011  
Date Data Arrived at EDR: 08/05/2011  
Date Made Active in Reports: 09/29/2011  
Number of Days to Update: 55

Source: EPA, Office of Water  
Telephone: 202-564-2496  
Last EDR Contact: 03/30/2023  
Next Scheduled EDR Contact: 07/17/2023  
Data Release Frequency: Semi-Annually

## 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: 03/07/2023  
Date Data Arrived at EDR: 03/07/2023  
Date Made Active in Reports: 03/24/2023  
Number of Days to Update: 17

Source: Environmental Protection Agency  
Telephone: 202-566-0250  
Last EDR Contact: 03/30/2023  
Next Scheduled EDR Contact: 07/17/2023  
Data Release Frequency: Varies

## PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 02/05/2015  
Date Made Active in Reports: 03/06/2015  
Number of Days to Update: 29

Source: EPA  
Telephone: 202-564-2497  
Last EDR Contact: 03/30/2023  
Next Scheduled EDR Contact: 07/17/2023  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

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

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

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

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

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

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

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

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

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

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

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

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

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

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

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

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

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

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

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

## OTHER DATABASE(S)

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

## CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 11/16/2022  
Date Data Arrived at EDR: 11/16/2022  
Date Made Active in Reports: 02/06/2023  
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 02/10/2023  
Next Scheduled EDR Contact: 05/22/2023  
Data Release Frequency: No Update Planned

## NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019  
Date Data Arrived at EDR: 10/29/2021  
Date Made Active in Reports: 01/19/2022  
Number of Days to Update: 82

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 01/27/2023  
Next Scheduled EDR Contact: 05/08/2023  
Data Release Frequency: Quarterly

## RI MANIFEST: Manifest information

Hazardous waste manifest information

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/13/2022  
Next Scheduled EDR Contact: 05/29/2023  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

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

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 03/06/2023  
Next Scheduled EDR Contact: 06/19/2023  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: Endeavor Business Media

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

## Electric Power Transmission Line Data

Source: Endeavor Business Media

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

## AHA Hospitals:

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

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

## Medical Centers: Provider of Services Listing

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

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

## Nursing Homes

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

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

## Public Schools

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

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

## Private Schools

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

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

## Daycare Centers: Child Care Facilities & Group Homes

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 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

DOBBINS ROAD DEVELOPMENT  
OFF HUNT HIGHWAY AND JUDD ROAD  
SAN TAN VALLEY, AZ 85143

## TARGET PROPERTY COORDINATES

Latitude (North): 33.14366 - 33° 8' 37.18"  
Longitude (West): 111.535083 - 111° 32' 6.30"  
Universal Transverse Mercator: Zone 12  
UTM X (Meters): 450094.5  
UTM Y (Meters): 3667149.0  
Elevation: 1509 ft. above sea level

## USGS TOPOGRAPHIC MAP

Target Property Map: 11823473 SACATON NE, AZ  
Version Date: 2018

South Map: 11823379 BLACKWATER, AZ  
Version Date: 2018

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).

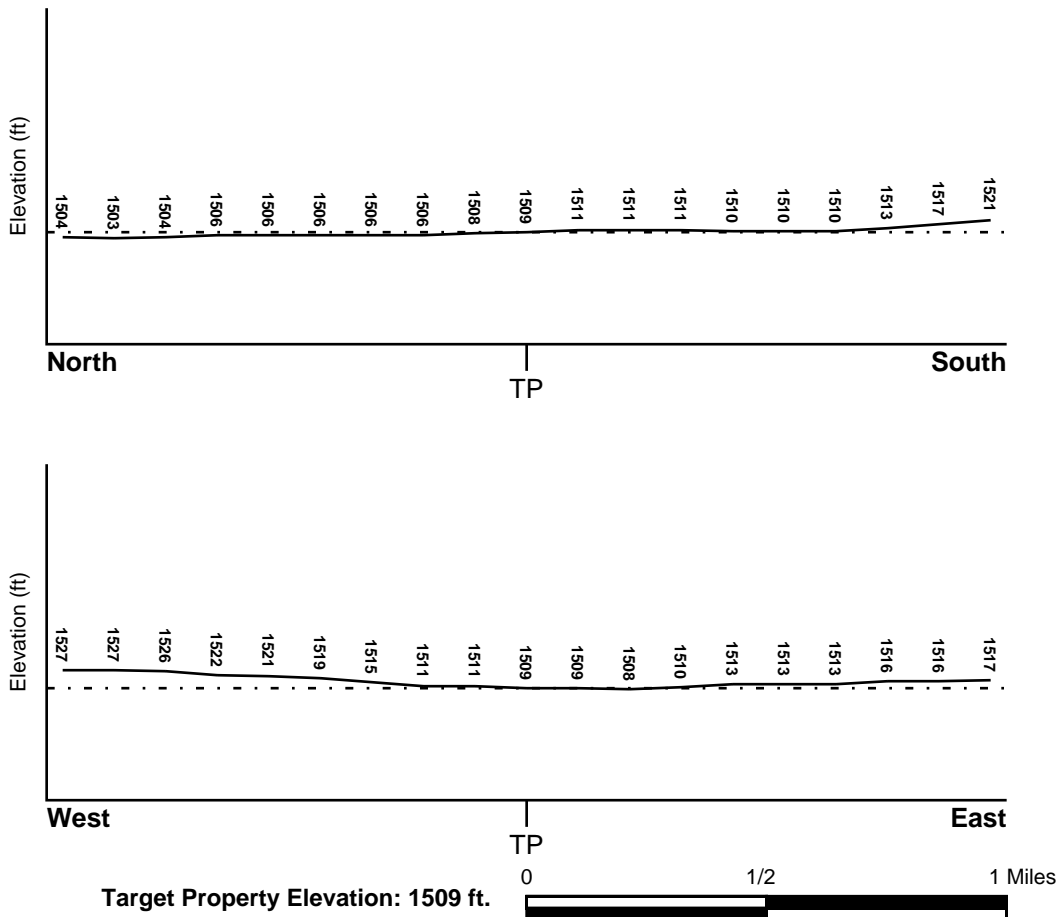
## TOPOGRAPHIC INFORMATION

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 NE

## 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>
04021C0475E	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
Not Reported	

## **NATIONAL WETLAND INVENTORY**

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

## HYDROGEOLOGIC INFORMATION

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

### ***Site-Specific Hydrogeological Data\*:***

Search Radius:	1.25 miles
Status:	Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

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



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### **ROCK STRATIGRAPHIC UNIT**

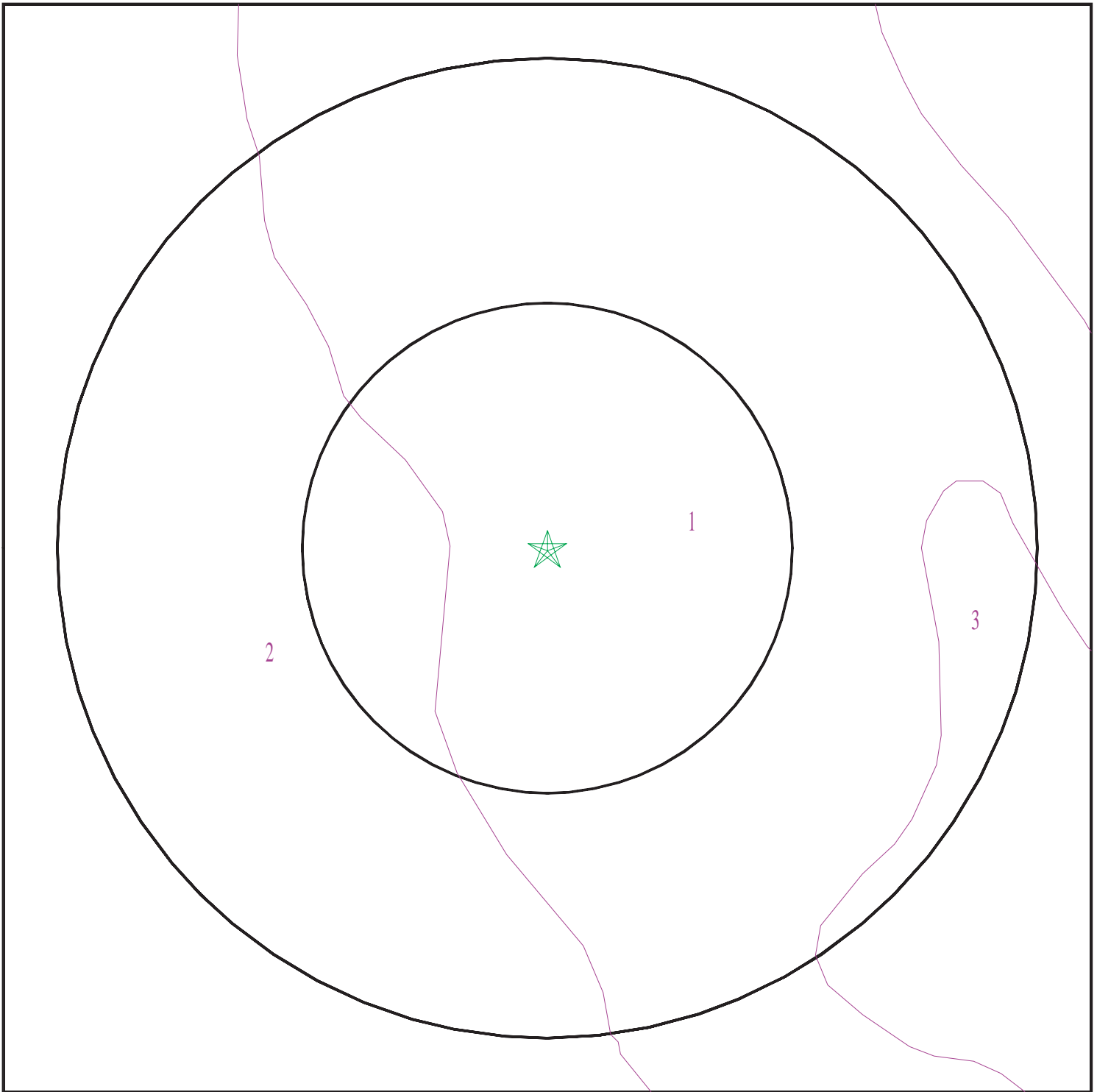
Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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

# SSURGO SOIL MAP - 7308675.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Dobbins Road Development  
ADDRESS: Off Hunt Highway and Judd Road  
San Tan Valley AZ 85143  
LAT/LONG: 33.14366 / 111.535083

CLIENT: Geotechnical Testing & Inspections  
CONTACT: Daren Villa  
INQUIRY #: 7308675.2s  
DATE: April 14, 2023 1:04 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: CONTINE

Soil Surface Texture: clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine 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	11 inches	clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	11 inches	38 inches	clay	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	38 inches	46 inches	clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
4	46 inches	66 inches	loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

### Soil Map ID: 2

Soil Component Name: MOHALL

Soil Surface Texture: 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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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	14 inches	loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	14 inches	40 inches	sandy clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	40 inches	59 inches	loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

### Soil Map ID: 3

Soil Component Name: VECONT

Soil Surface Texture: clay

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine 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	14 inches	clay	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
2	14 inches	40 inches	clay	Not reported	Not reported	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		
3	40 inches	64 inches	clay loam	Not reported	Not reported	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>
A2	USGS40000051313	1/2 - 1 Mile North
B5	USGS40000051255	1/2 - 1 Mile East
C6	USGS40000051318	1/2 - 1 Mile NNW
D15	USGS40000051272	1/2 - 1 Mile WNW
F17	USGS40000051233	1/2 - 1 Mile ESE
20	USGS40000051220	1/2 - 1 Mile SE
H23	USGS40000051319	1/2 - 1 Mile NNW

## **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**

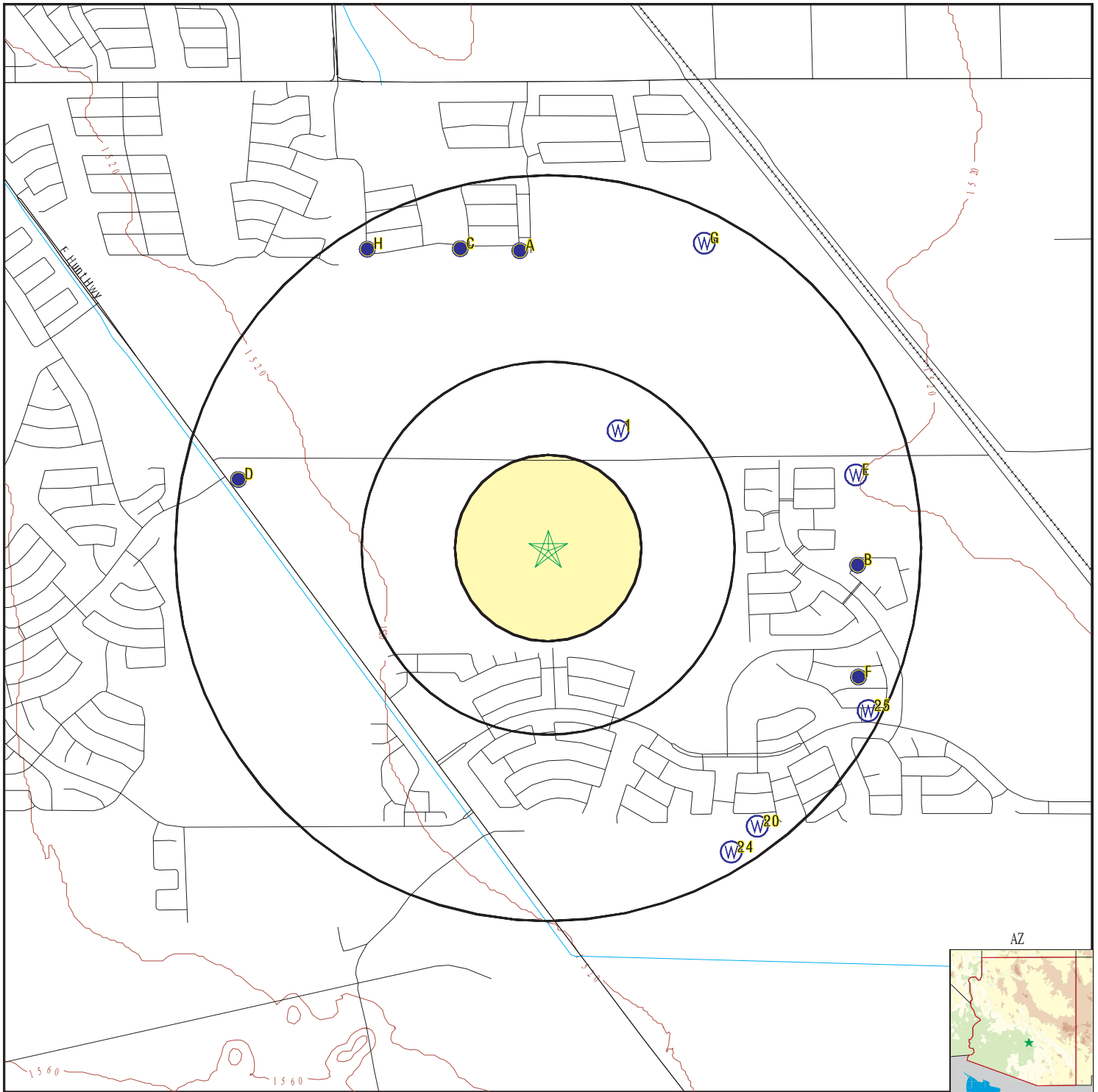
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
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# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	AZDWR1200130518	1/4 - 1/2 Mile NNE
A3	AZDWR1200171177	1/2 - 1 Mile North
A4	AZDEQ3000018331	1/2 - 1 Mile North
D7	AZDWR1200161513	1/2 - 1 Mile WNW
D8	AZDEQ3000018348	1/2 - 1 Mile WNW
B9	AZDWR1200171184	1/2 - 1 Mile East
B10	AZDEQ3000018346	1/2 - 1 Mile East
C11	AZDEQ3000018330	1/2 - 1 Mile NNW
C12	AZDWR1200170833	1/2 - 1 Mile NNW
E13	AZDEQ3000018345	1/2 - 1 Mile ENE
E14	AZDWR1200171183	1/2 - 1 Mile ENE
F16	AZDWR1200171185	1/2 - 1 Mile ESE
G18	AZDWR1200040975	1/2 - 1 Mile NNE
G19	AZDWR1200044427	1/2 - 1 Mile NNE
H21	AZDEQ3000018329	1/2 - 1 Mile NNW
H22	AZDWR1200170832	1/2 - 1 Mile NNW
24	AZDEQ3000018350	1/2 - 1 Mile SSE
25	AZDEQ3000018347	1/2 - 1 Mile ESE

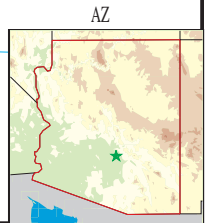
# PHYSICAL SETTING SOURCE MAP - 7308675.2s



- 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: Dobbins Road Development  
 ADDRESS: Off Hunt Highway and Judd Road  
 San Tan Valley AZ 85143  
 LAT/LONG: 33.14366 / 111.535083

CLIENT: Geotechnical Testing & Inspections  
 CONTACT: Daren Villa  
 INQUIRY #: 7308675.2s  
 DATE: April 14, 2023 1:03 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**1**

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

**AZ WELLS      AZDWR1200130518**

Program:	55	Registry ID:	597453
Owner Name:	MITCHELL PIPE AND STEEL, LLC	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	STOCK
Basin Name:	PHOENIX AMA	Driller License #:	197
Application:	05-MAR-03	Approved:	05-MAR-03
Installed Date:	10-APR-03	Well Depth (ft):	295
Casing Type:	PLASTIC OR PVC	Water Level (ft):	110
AMA or INA:	PHOENIX	Casing Depth (ft):	300
Casing Diameter (in):	6	RGR Pump Data:	NO
Pump Type:	SUBMERSIBLE	Pump Power:	ELECTRIC MOTOR 1 - 5 HP
Pump Rate:	18	Tested Rate:	21
Draw Down:	10	Completion:	X
Well Cancelled:	Not Reported	Driller Log:	X
Watershed:	UPPER GILA RIVER		

**A2**

**North**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000051313**

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	D-03-08 21BDD	Type:	Well
Description:	Not Reported	HUC:	15050100
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19610101
Well Depth:	732	Well Depth Units:	ft
Well Hole Depth:	732	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1961-05-01
Feet below surface:	238.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**A3**

**North**  
**1/2 - 1 Mile**  
**Lower**

**AZ WELLS      AZDWR1200171177**

Program:	55	Registry ID:	627107
Owner Name:	METRO BELLA VISTA LLC	Well Type:	NON-EXEMPT - WITHDRAWAL PERMIT
Well Type Group:	NON-EXEMPT	Water Use:	IRRIGATION, TEST
Basin Name:	PHOENIX AMA	Driller License #:	572
Application:	14-JUN-82	Approved:	Not Reported
Installed Date:	16-MAY-61	Well Depth (ft):	732
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING	AMA or INA:	PHOENIX
Water Level (ft):	510	Casing Diameter (in):	20
Casing Depth (ft):	732	Pump Type:	NO PUMP CODE LISTED
RGR Pump Data:	NO	Pump Rate:	1100
Pump Power:	NO POWER CODE LISTED	Draw Down:	0
Tested Rate:	1100		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Completion:	A	Well Cancelled:	Y
Driller Log:	Not Reported	Watershed:	UPPER GILA RIVER

**A4**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**AZ WELLS      AZDEQ3000018331**

DWR Number:	55-627107	DEQ Well #:	27085
Agency Well #:	27085	Start Date:	01-JAN-61
End Date:	Not Reported	Station Alt Name:	D-03-08 21BDD
well Depth:	Not Reported	Drill Depth:	732
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		

**B5**  
**East**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000051255**

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	D-03-08 27BDB	Type:	Well
Description:	Not Reported	HUC:	15050100
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	6	Level reading date:	1991-11-15
Feet below surface:	453.00	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1984-12-05	Feet below surface:	475.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-12-16	Feet below surface:	480.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-12-10	Feet below surface:	462.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-12-28	Feet below surface:	421.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1971-12-01	Feet below surface:	422.00
Feet to sea level:	Not Reported	Note:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**C6**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000051318**

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	D-03-08 21BDC	Type:	Well
Description:	Not Reported	HUC:	15050100
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	3	Level reading date:	1991-11-15
Feet below surface:	473.70	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1984-12-05	Feet below surface:	478.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-12-16	Feet below surface:	482.7
Feet to sea level:	Not Reported	Note:	Not Reported

**D7**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**AZ WELLS      AZDWR1200161513**

Program:	55	Registry ID:	615297
Owner Name:	AZ STATE LAND DEPT,	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	IRRIGATION
Basin Name:	PHOENIX AMA	Driller License #:	97
Application:	14-JUN-82	Approved:	Not Reported
Installed Date:	25-NOV-55	Well Depth (ft):	610
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	344	AMA or INA:	PHOENIX
Casing Depth (ft):	610	Casing Diameter (in):	16
RGR Pump Data:	NO	Pump Type:	NONE
Pump Power:	NO POWER CODE LISTED	Pump Rate:	0
Tested Rate:	1500	Draw Down:	0
Completion:	X	Well Cancelled:	Not Reported
Driller Log:	X	Watershed:	UPPER GILA RIVER

**D8**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**AZ WELLS      AZDEQ3000018348**

DWR Number:	55-615297	DEQ Well #:	27102
Agency Well #:	27102	Start Date:	14-DEC-50
End Date:	Not Reported	Station Alt Name:	D-03-08 29ABA
well Depth:	Not Reported	Drill Depth:	610
Watershed:	MIDDLE GILA	Basin:	Phoenix AMA
Aquifer Type:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Use: Water Is Not Being Removed For One Of The Other Described Purposes. Ex: Test Hole, Oil Or Gas Well, Recharge, Drainage, Observation, Or Waste Disposal Wells Are In This Category.  
 Well Type: Well, For Single Wells Other Than Wells Of The Collector Or Ranney Type

**B9  
East  
1/2 - 1 Mile  
Higher**

**AZ WELLS      AZDWR1200171184**

Program:	55	Registry ID:	627114
Owner Name:	CHI CONSTRUCTION COMPANY	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	IRRIGATION
Basin Name:	PHOENIX AMA	Driller License #:	215
Application:	14-JUN-82	Approved:	Not Reported
Installed Date:	01-DEC-51	Well Depth (ft):	600
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	500	AMA or INA:	PHOENIX
Casing Depth (ft):	530	Casing Diameter (in):	20
RGR Pump Data:	YES	Pump Type:	NO PUMP CODE LISTED
Pump Power:	NO POWER CODE LISTED	Pump Rate:	600
Tested Rate:	600	Draw Down:	0
Completion:	A	Well Cancelled:	Y
Driller Log:	Not Reported	Watershed:	UPPER GILA RIVER

**B10  
East  
1/2 - 1 Mile  
Higher**

**AZ WELLS      AZDEQ3000018346**

DWR Number:	55-627114	DEQ Well #:	27100
Agency Well #:	27100	Start Date:	Not Reported
End Date:	Not Reported	Station Alt Name:	D-03-08 27BDB
well Depth:	Not Reported	Drill Depth:	Not Reported
Watershed:	MIDDLE GILA	Basin:	Phoenix AMA
Aquifer Type:	Not Reported		
Water Use:	Water Is Not Being Removed For One Of The Other Described Purposes. Ex: Test Hole, Oil Or Gas Well, Recharge, Drainage, Observation, Or Waste Disposal Wells Are In This Category.		
Well Type:	Well, For Single Wells Other Than Wells Of The Collector Or Ranney Type		

**C11  
NNW  
1/2 - 1 Mile  
Lower**

**AZ WELLS      AZDEQ3000018330**

DWR Number:	55-627106	DEQ Well #:	27084
Agency Well #:	27084	Start Date:	Not Reported
End Date:	Not Reported	Station Alt Name:	D-03-08 21BDC
well Depth:	Not Reported	Drill Depth:	Not Reported
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		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**C12**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**AZ WELLS      AZDWR1200170833**

Program:	55	Registry ID:	627106
Owner Name:	METRO BELLA VISTA LLC	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	IRRIGATION
Basin Name:	PHOENIX AMA	Driller License #:	572
Application:	14-JUN-82	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:	A
Well Cancelled:	Y	Driller Log:	Not Reported
Watershed:	UPPER GILA RIVER		

**E13**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**AZ WELLS      AZDEQ3000018345**

DWR Number:	55-627113	DEQ Well #:	27099
Agency Well #:	27099	Start Date:	Not Reported
End Date:	Not Reported	Station Alt Name:	D-03-08 27BAB
well Depth:	Not Reported	Drill Depth:	Not Reported
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		

**E14**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**AZ WELLS      AZDWR1200171183**

Program:	55	Registry ID:	627113
Owner Name:	CHI CONSTRUCTION COMPANY	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	IRRIGATION
Basin Name:	PHOENIX AMA	Driller License #:	215
Application:	14-JUN-82	Approved:	Not Reported
Installed Date:	20-MAR-74	Well Depth (ft):	680
Casing Type:	OTHER - BLACK STEEL - IRON - SEAMLESS	AMA or INA:	PHOENIX
Water Level (ft):	510	Casing Diameter (in):	16
Casing Depth (ft):	673	Pump Type:	NO PUMP CODE LISTED
RGR Pump Data:	YES	Pump Rate:	350
Pump Power:	NO POWER CODE LISTED	Draw Down:	0
Tested Rate:	350	Well Cancelled:	Y
Completion:	A	Watershed:	UPPER GILA RIVER
Driller Log:	Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**D15**  
**WNW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000051272**

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	D-03-08 29ABA	Type:	Well
Description:	Not Reported	HUC:	15050100
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19501214
Well Depth:	610	Well Depth Units:	ft
Well Hole Depth:	610	Well Hole Depth Units:	ft

Ground water levels, Number of Measurements:	4	Level reading date:	1991-11-15
Feet below surface:	368.10	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1984-12-05	Feet below surface:	368.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-12-16	Feet below surface:	365.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1955-11-25	Feet below surface:	303.00
Feet to sea level:	Not Reported	Note:	Not Reported

**F16**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**AZ WELLS      AZDWR1200171185**

Program:	55	Registry ID:	627115
Owner Name:	SPIKE H, ENTERPRISES,	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	IRRIGATION
Basin Name:	PHOENIX AMA	Driller License #:	0
Application:	11-JUN-82	Approved:	Not Reported
Installed Date:	22-FEB-63	Well Depth (ft):	800
Casing Type:	OTHER - BLACK STEEL - IRON - SEAMLESS		
Water Level (ft):	490	AMA or INA:	PHOENIX
Casing Depth (ft):	800	Casing Diameter (in):	16
RGR Pump Data:	NO	Pump Type:	NO PUMP CODE LISTED
Pump Power:	NO POWER CODE LISTED	Pump Rate:	500
Tested Rate:	500	Draw Down:	0
Completion:	Not Reported	Well Cancelled:	Not Reported
Driller Log:	Not Reported	Watershed:	UPPER GILA RIVER

**F17**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000051233**

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	D-03-08 27CAC	Type:	Well
Description:	Not Reported	HUC:	15050100

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19530707
Well Depth:	800	Well Depth Units:	ft
Well Hole Depth:	800	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	5	Level reading date:	1991-11-15
Feet below surface:	362.20	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1984-12-05	Feet below surface:	367.80
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1982-12-16	Feet below surface:	365.9
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1975-12-10	Feet below surface:	368.00
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1971-12-28	Feet below surface:	374.90
Feet to sea level:	Not Reported	Note:	Not Reported

**G18**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**AZ WELLS      AZDWR1200040975**

Program:	55	Registry ID:	500696
Owner Name:	KOEPNICK,M	Well Type:	NON-EXEMPT - REPLACEMENT WELL IN NEW L
Well Type Group:	NON-EXEMPT	Water Use:	DOMESTIC
Basin Name:	PHOENIX AMA	Driller License #:	0
Application:	29-SEP-81	Approved:	Not Reported
Installed Date:	Not Reported	Well Depth (ft):	1000
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:	UPPER GILA RIVER		

**G19**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**AZ WELLS      AZDWR1200044427**

Program:	55	Registry ID:	504134
Owner Name:	KOEPNICK,M	Well Type:	NON-EXEMPT - REPLACEMENT WELL IN NEW L
Well Type Group:	NON-EXEMPT	Water Use:	IRRIGATION
Basin Name:	PHOENIX AMA	Driller License #:	0
Application:	23-NOV-82	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

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump Rate:	0	Tested Rate:	0
Draw Down:	0	Completion:	Not Reported
Well Cancelled:	Y	Driller Log:	Not Reported
Watershed:	UPPER GILA RIVER		

**20  
SE  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS4000051220**

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	D-03-08 33AAA	Type:	Well
Description:	Not Reported	HUC:	15050100
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	195009
Well Depth:	368	Well Depth Units:	ft
Well Hole Depth:	368	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	2	Level reading date:	1952-02-19
Feet below surface:	189.02	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1950-09-01	Feet below surface:	180.00
Feet to sea level:	Not Reported	Note:	Not Reported

**H21  
NNW  
1/2 - 1 Mile  
Lower**

**AZ WELLS      AZDEQ3000018329**

DWR Number:	55-627105	DEQ Well #:	27083
Agency Well #:	27083	Start Date:	01-JAN-61
End Date:	Not Reported	Station Alt Name:	D-03-08 21BCC
well Depth:	Not Reported	Drill Depth:	728
Watershed:	MIDDLE GILA	Basin:	Phoenix AMA
Aquifer Type:	Not Reported		
Water Use:	Water Is Not Being Removed For One Of The Other Described Purposes. Ex: Test Hole, Oil Or Gas Well, Recharge, Drainage, Observation, Or Waste Disposal Wells Are In This Category.		
Well Type:	Well, For Single Wells Other Than Wells Of The Collector Or Ranney Type		

**H22  
NNW  
1/2 - 1 Mile  
Lower**

**AZ WELLS      AZDWR1200170832**

Program:	55	Registry ID:	627105
Owner Name:	EPCOR WATER ARIZONA INC.	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	IRRIGATION
Basin Name:	PHOENIX AMA	Driller License #:	0
Application:	14-JUN-82	Approved:	Not Reported
Installed Date:	10-FEB-61	Well Depth (ft):	728
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	510	AMA or INA:	PHOENIX
Casing Depth (ft):	715	Casing Diameter (in):	20

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

RGR Pump Data:	YES	Pump Type:	NO PUMP CODE LISTED
Pump Power:	NO POWER CODE LISTED	Pump Rate:	600
Tested Rate:	600	Draw Down:	0
Completion:	Not Reported	Well Cancelled:	Not Reported
Driller Log:	Not Reported	Watershed:	UPPER GILA RIVER

**H23  
NNW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000051319**

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	D-03-08 21BCC	Type:	Well
Description:	Not Reported	HUC:	15050100
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19610101
Well Depth:	728	Well Depth Units:	ft
Well Hole Depth:	728	Well Hole Depth Units:	ft

Ground water levels, Number of Measurements:	1	Level reading date:	1961-02-01
Feet below surface:	365.00	Feet to sea level:	Not Reported
Note:	Not Reported		

**24  
SSE  
1/2 - 1 Mile  
Higher**

**AZ WELLS      AZDEQ3000018350**

DWR Number:	Not Reported	DEQ Well #:	27104
Agency Well #:	27104	Start Date:	01-SEP-50
End Date:	Not Reported	Station Alt Name:	D-03-08 33AAA
well Depth:	Not Reported	Drill Depth:	368
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		

**25  
ESE  
1/2 - 1 Mile  
Higher**

**AZ WELLS      AZDEQ3000018347**

DWR Number:	55-627115	DEQ Well #:	27101
Agency Well #:	27101	Start Date:	07-JUL-53
End Date:	Not Reported	Station Alt Name:	D-03-08 27CAC
well Depth:	Not Reported	Drill Depth:	800
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		



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

Federal EPA Radon Zone for PINAL County: 2

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

Federal Area Radon Information for PINAL COUNTY, AZ

Number of sites tested: 28

<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	1.471 pCi/L	93%	7%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 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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Dobbins Road Development  
Off Hunt Highway and Judd Road  
San Tan Valley, AZ 85143

Inquiry Number: 7308675.3

April 14, 2023

## 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

04/14/23

**Site Name:**

Dobbins Road Development  
Off Hunt Highway and Judd Ro  
San Tan Valley, AZ 85143  
EDR Inquiry # 7308675.3

**Client Name:**

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



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**PO #** NA  
**Project** 237283E

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Sanborn® Library search results

Certification #: A433-4C15-9667

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

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**Dobbins Road Development**

Off Hunt Highway and Judd Road  
San Tan Valley, AZ 85143

Inquiry Number: 7308675.5

April 14, 2023

# The EDR-City Directory Image Report

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City Directory Images

*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 business directory data at approximately five year intervals.

### RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate 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>
2020	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information

## FINDINGS

### TARGET PROPERTY STREET

Off Hunt Highway and Judd Road  
San Tan Valley, AZ 85143

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
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### E HUNT HWY

2020	pg A2	EDR Digital Archive
2014	pg A6	Cole Information
2010	pg A8	Cole Information

## FINDINGS

### CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
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### W JUDD RD

2020	pg. A5	EDR Digital Archive
2014	pg. A7	Cole Information

## **City Directory Images**

**E HUNT HWY 2020**

270 AFC PHYSICAL MEDICINE & CHIRO  
ANDREW MONGEON  
ARMANDO VERDUGO  
AZ IRRIGATION  
BENJAMIN HALPERN  
BETTER BUSINESS TOGETHER CO-OP  
BISCUITS CAFE  
C T NAILS  
CEASAR AUTO GLASS  
CRYSTAL CLEAR POOL SPA SVC LLC  
CT NAILS & SPA  
DANCE SPOT  
DAVIS-CHENEY ART GALLERY LLC  
DENISE BLISS  
DORAME CASSANDRA E PA  
ECONN TECHNOLOGIES LLC  
EDITH GUENTHER  
ELIZABETH BAKER  
FAKHOURI CELIA K PA  
GREEK ISLANDS GRILL  
GREGORY MAJERAN  
HARVEY ANGELA NP  
HEALTHMARKETS INSURANCE-KEN  
HONG LUONG  
ISRAELSEN JESSICA M PA  
JANET FOWLER  
JASON GERRISH  
JOHNSON GARAGE DOORS & GATES  
JOHNSON RANCH ANIMAL CLINIC  
JONES WILLETTE D NP  
JOSE NINO  
JOYCE MAJERAN  
JUNKAPPLIANCE.COM  
PAPA JOHN'S PIZZA  
PAUL MCDOWELL  
PICO BRADLEY J DDS  
RICARDO BAKER  
SAN TAN VALLEY REAL ESTATE CO  
SAN TAN VALLEY SMILES  
SANTAN MOUNTAIN CHIROPRACTIC  
SPRINGFIELD MEDICAL LLC  
SPRINGFIELD PEDIATRICS  
STEPHANIE TRAN  
STEVEN CAREY  
STREIT STEPHANIE NP  
THOMAS FOWLER  
TODAY PUBLICATIONS  
WE GOT NEXT CLEANING LLC  
WILLIAM ROE  
WOMEN-EXCELLENCE HEALTH CARE

## E HUNT HWY      2020      (Cont'd)

287	AFC PHYSICAL MEDICINE ALTEN KIMBERLY B AMY CAPELOTO ARCELIA ORTIZ BABB LAURA I NP BARAJAS JABEZ BRIANA GAMBLE BRYAN COOK CHURCH PAIGE FIGA CLOUS VICKIE J NP CORDERO III MARIO E DEEM KIARA NP DOCTOR WISDOM TEETH GOOD HEALTH MEDICAL GRIFFIN KELLY NP JENNIFER HUTCHISON JOHNSON VALERIE KUHN GRESHEENE D NP LAZZAR LINDA MCLAUGHLIN CASSANDRA J PA MEL ALBRECHT MELANIE FRENCH OLSON BECCA M NP ORIEUKWU MARILENA A NP PAYAM ZAMANI POLLOCK ANNE E RACHEL SESTER ROSATI'S CHICAGO PIZZA SCHMIDT ROSEMARIE SCOTT JEFFRIES SERGIO SZPAIZMAN SHERRI PORTER STEPHANIE COOK TAMI TROUT TERESA GAITHER THOMAS CYNTHIA L TRACI RENFROW TUTTLE ALBERT R PA VALERIE MIRANDA WATKINS ANGELA L NP ZOKVIC DOREEN LYNN
305	MC DONALD'S
320	CIRCLE K SANDRA AMEJO
333	WALGREENS
525	AUTOZONE
530	ANYTIME FITNESS BUILDING FUTURES MARKETING LLC CHENS CHINESE RESTAURANT CLAYTON BOWEN

## E HUNT HWY      2020      (Cont'd)

530	DONNA SCHENCK EDWARD JONES GREAT CLIPS INCREDIBLE JOURNEY VIDEO INFINITE AUCTIONS JOANNE LOGUE JOHNSON RANCH FAMILY DENTISTRY KIMBERLY FISH LORI REYNOLDS MAHALO POOLS MARK FREMER MARK REYNOLDS MATTHEW SCOTT MYBIZNOW LLC PETSFOR THE ELDERLY FOUNDATION RIGGS SERVICES CARPET CLEANING SAN TAN COMMUNICATIONS SARAH FREMER STICKY FINGERS RIBHOUSE TAX QUE TYLESTONE LLC UPS STORE WILLIAM FISH
542	FRY'S FOOD STORE FRY'S FOOD STORE PHARMACY
545	SAN TAN MOUNTAIN DENTAL
549	BRAKES PLUS
868	ALLSTATE SELF STORAGE DAVID CARSWELL WENDY CARSWELL
1395	DISCOUNT TIRE
1711	TACO BELL
1781	AUNTIE ANNE'S PRETZELS
2436	BARRO'S PIZZA
2474	BANNER HEALTH CLINIC BANNER MEDICAL GROUP CORPORATE ERSPAMER MARIA A NP FLINT JAMES W NP MANCUSO LAURA NP MOAK BRANDON A SAN TAN FAITH-FAMILY HEALTH CR
2510	MICHAEL MORRIS MICHAEL OLANDER NICOLE MEDINA RON DOMINGUEZ
2603	JOHNSON UTILITY

**W JUDD RD 2020**

447	K WEST
	TRACY WEST
462	CRYSTAL SMIDT
	DEBRA MACPHAIL
	SCOTT MACPHAIL
937	MAX DAVIS
2056	BRIAN BAUSCH
5341	GEORGE TACKETT



**E HUNT HWY 2014**

- 270 AYERS, CHRIS A  
ESPINOZA, LUIS A  
FELDMILLER, JERRY W  
TERRY, JASON M
- 530 BARKALOW, DIANE R  
BARR, AMANDA  
CINCOTTA, NANCY  
CLAUSON, CHRISTOPHER G  
GRAY, KATERINA  
GROSECLOSE, KARA D  
KLINGBEIL, RONALD A  
MCLENNAN, DAVID K  
SMITH, LOGUN  
STAAB, JESSIE  
TAMARIBUCHI, AUBREY J  
WALLACE, RUSSELL D
- 870 BAKER, RICARDO

Target Street

Cross Street

Source

-

✓

Cole Information

**W JUDD RD 2014**

462 MACPHAIL, SCOTT S  
934 OCCUPANT UNKNOWN,  
937 FERNANDEZ, MARTIN R

**E HUNT HWY 2010**

270	ARTMAN, V BOTTEN, DAVID COFFINGER, STEVE A FELDMILLER, JERRY W FRYE, DAVID L GERMEK, MARK M PADILLA, JERRY L SANCHEZ, NICOLAS L WATSON, PAYTON J WILSON, DAWN
530	BARR, AMANDA FISHER, GARY R FLAKE, KIRK GRAY, KATERINA KLINGBEIL, RONALD A MARGOT, SANDRA OJO, JO PARKER, DONALD SMITH, LESLIE E STAAB, JESSIE
580	DENG, GUO F
870	BAKER, RICARDO