PHASE I ENVIRONMENTAL SITE ASSESSMENT

SaddleBrooke Ranch Fire Station
APN 305-317-010
South SaddleBrooke Ranch Drive & Arizona Highway 77
Oracle, Pinal County, Arizona 85623

PREPARED FOR
Golder Ranch Fire District
3885 East Golder Ranch Drive
Tucson, Arizona 85739

PREPARED BY
ProTeX, the Ptxperts, LLC
1102 West Southern Avenue, Suite 4
Tempe, Arizona 85282

AAI DATE: AUGUST 5, 2021
REPORT DATE: AUGUST 24, 2021

Valid for a period of 180 days from the A.A.I. date of August 5, 2021
August 24, 2021

Golder Ranch Fire District
3885 East Golder Ranch Drive
Tucson, Arizona 85739

Attention: Mr. Jose L. Castillo II

Subject: PHASE I ENVIRONMENTAL SITE ASSESSMENT

SaddleBrooke Ranch Fire Station
APN 305-317-010
South SaddleBrooke Ranch Drive & Arizona Highway 77
Oracle, Pinal County, Arizona 85623

In accordance with your request, ProTeX, The PT Xperts, LLC (ProTeX) has completed a Phase I Environmental Site Assessment (ESA) of the planned development identified as the SaddleBrooke Ranch Fire Station, located at the north of the intersection of South SaddleBrooke Ranch Drive & Arizona Highway 77, in Oracle, Pinal County, Arizona (the Site/Subject Property). Services were conducted in general conformance with the scope and limitations of the American Society of Testing and Materials E 1527-13, “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process”, which is approved to meet the requirements of the federal All Appropriate Inquiry (A.A.I.) standards as set forth in the Code of Federal Regulations, Title 40, Section 312 (40 CFR 312).

This Phase I Environmental Site Assessment (ESA) has revealed no Recognized Environmental Conditions (RECs), no historical RECs, no controlled RECs, or potential for vapor intrusion on the Subject Property. No incident reports were found during environmental record reviews that would indicate historic or current releases of hazardous substances or petroleum products on nearby property with the potential to migrate to the Subject Property.

This assessment has been prepared for the exclusive use of, and may be relied upon by Golder Ranch Fire District, their successors, and assignees. It is valid for a period of 180 days from the A.A.I. date of August 5, 2021.

We appreciate this opportunity to be of service. If you have any questions concerning our report, or if we can be of further service, please contact us at (602) 272-7891.

Sincerely,
ProTeX, the PT Xperts, LLC

Ritchie Bump
Environmental Professional
Director of Env. Services
B.S. Chemical Engineering

Sarah Berger
Environmental Consultant
B.S. Earth Science
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1.0 EXECUTIVE SUMMARY

ProTeX, the PT Xperts, LLC (ProTeX) has conducted a Phase I Environmental Site Assessment (ESA) of the planned development identified as the SaddleBrooke Ranch Fire Station, located at the north of the intersection of South SaddleBrooke Ranch Drive & Arizona Highway 77, in Oracle, Pinal County, Arizona (the Site/Subject Property). Our services were conducted in general conformance with the scope and limitations of the American Society of Testing and Materials (ASTM) E 1527-13, “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process”, which is approved to meet the requirements of the federal All Appropriate Inquiry (AAI) standards as set forth in the Code of Federal Regulations, Title 40, Section 312 (40 CFR 312). Any additions or deletions from our scope of services are discussed in the appropriate sections of this assessment.

The Subject Property is comprised of approximately two (2) acres of native desert land, located at the north of the intersection of South SaddleBrooke Ranch Drive & Arizona Highway 77, in Oracle, Pinal County, Arizona; more specifically Section 9, Township 10 South, Range 14 East of the Gila and Salt River Baseline and Meridian. According to the Pinal County Assessor’s Office website, the Subject Property is made up of a portion of one (1) parcel, Pinal County Assessor Parcel Number (APN) 305-317-010.

Initial reconnaissance of the site was conducted by ProTeX personnel in March of 2020. The most current reconnaissance of the Site was conducted on foot by Mr. Ryan Shell of ProTeX on August 11, 2021. No soil staining, spills, or other Recognized Environmental Conditions (RECs) were found within the boundaries of the Subject Property.

Historical aerial photography, topographic maps, and other sources were reviewed to summarize the past usage of the Subject Property and the immediately surrounding properties. The oldest historical reference reviewed was an aerial photograph, dated 1935, which shows the Subject Property and immediately surrounding area as native desert land with an apparent roadway to the south of the Site. After 1935 and prior to 1959, the road to the south of the Subject Property (currently Arizona Highway 77) appeared to have been paved. No significant changes to the Site and surrounding were observed from the late 1950’s until sometime between 2000 and 2003, when an unpaved road is partially developed adjacent to the west of the Subject Property. By 2005, the land to the north of the Site is graded in preparation for a new subdivision, and the road adjoining to the west appears to have been paved. During 2006 and 2007, roads in the subdivision development to the north/northwest appear to have been paved. Single-family residential properties are added to this area beginning in 2009, and are continuing to be added to date (2021). The Subject Property appears to have been native desert land from at least 1935, and remains undeveloped desert land to date (2021).

Recognized Environmental Conditions are the presence or likely presence of any hazardous substance or petroleum products on, in or at a property: (1) due to a release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

- No recognized environmental conditions were identified during this Phase I ESA.

Controlled Recognized Environmental Conditions are recognized environmental conditions resulting from a past release of hazardous substances or petroleum products that have been addressed to the satisfaction of the applicable regulatory authority, as evidenced by the issuance of a no further action letter or equivalent, or meeting risked based criteria established by regulatory authority, allowing hazardous substances or petroleum products to remain in place subject to implementation of required controls.

- No controlled recognized environmental conditions were identified during this Phase I ESA.
Historical Recognized Environmental Conditions refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the Subject Property and has been addressed to the satisfaction of the applicable regulatory authority without subjecting the Subject Property to any required controls.

- **No historical recognized environmental conditions were identified during this Phase I ESA.**

De Minimis Conditions are those conditions which generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

- **No De Minimis conditions were identified during this Phase I ESA.**

**NO ADDITIONAL INVESTIGATION IS RECOMMENDED FOR THE SITE AT THIS TIME.**

This executive summary does not contain all the information that is found in the full report. It is recommended to read the entire report to aid in any decisions made or actions taken based on this information.

*This assessment has been prepared for the exclusive use of, and may be relied upon by Golder Ranch Fire District, their successors, and assignees. It is valid for a period of 180 days from the A.A.I. date of August 5, 2021.*
2.0 INTRODUCTION

2.1 PURPOSE

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify and evaluate actual and potential environmental conditions involving the Subject Property. Phase I Environmental Site Assessments (ESAs) are not intended to determine the degree or extent of contamination, if any.

2.2 SCOPE OF WORK

ProTeX conducted the Phase I ESA in general accordance with ASTM E1527-13, based upon reasonably ascertainable information and observations. The following services were provided:

- The Subject Property and surrounding properties were walked where accessible (gated backyards of adjacent residential properties were not observed) to visually assess current utilization and indications of potential surface contamination. The Subject Property was traversed until the entire property had been surveyed. Adjacent homes were not entered as part of this assessment.

- A reconnaissance of the surrounding area for approximately one-half mile was conducted, without entering the properties, making observations concerning property uses, conditions, and housekeeping.

- A review of the geologic and hydro-geologic settings was conducted using reasonably ascertainable public records and documents.

- An environmental database report was obtained from a data service provider. This database report compiles and locates all known “hazardous waste” facilities within specific minimum search distances as defined by ASTM E1527-13. If necessary, additional information on identified facilities will be gathered by a file review at the appropriate federal, state, local, and/or tribal regulatory agency.

- A review of reasonably ascertainable historical records (including aerial photographs, topographic maps, building records, chain-of-title documents, and city directories) was conducted to assess the historical land utilization and indications of potential contamination or sources of contamination for the site.

- This report was prepared, which relates the findings of this study and presents our conclusions and recommendations.

Specific items not included in this Scope of Services are; water analysis, asbestos containing materials analysis, radon analysis, lead-based paint analysis, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, high voltage power lines, and other items not within the scope of ASTM E1527-13.

2.3 SIGNIFICANT ASSUMPTIONS

ProTeX specifically assumes that the Golder Ranch Fire District has provided ProTeX with available environmental reports and known current or historic uses of hazardous materials or other specialized knowledge of the Subject Property and surrounding areas.
2.4 LIMITATIONS AND Exceptions

ProTeX conducted a Phase I ESA Update in general accordance with ASTM E1527-13 and as authorized by the Golder Ranch Fire District. Sampling of soil or groundwater for environmental testing is not included in these services. The report and its contents should not be relied upon by any party other than the Golder Ranch Fire District and their immediate assignees without the express written consent of ProTeX.

The findings, conclusions, and recommendations made in this report are based in most instances on public records, and information provided to ProTeX by the Golder Ranch Fire District. The information is relevant to the date of our site work and should not be relied upon to represent conditions at any later date. The opinions and conclusions expressed herein are based on information obtained during our assessment and on our experience and current standards of technical practice. ProTeX makes no other warranties, either express or implied, concerning the completeness of the data furnished to us. ProTeX cannot be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time our assessment was undertaken. ProTeX is not responsible, nor liable for work, testing or recommendations performed or provided by others. This Phase I ESA is not and should not be construed as a warranty or guarantee about the presence or absence of environmental hazards or contaminants, which may affect the Subject Property. Facts, conditions, and acceptable risk factors change with time; accordingly, this report should be viewed within this context.

Specific limitations to the scope of ASTM E1527-13 due to contract limitations, availability of resources, and/or encountered site conditions are discussed in the appropriate section(s) of this report.

2.5 RELIANCE

This assessment has been prepared for the exclusive use of, and may be relied upon by the Golder Ranch Fire District, their successors, and assignees. It is valid for a period of 180 days from the A.A.I. date of August 5, 2021. Third party reliance letters may be issued upon request for a fee. All third parties relying on this report, by such reliance, agree to be bound by the General Conditions and Limitations agreed to by the Golder Ranch Fire District. No reliance by any party is permitted without such agreement, regardless of the content of the reliance letter itself.
3.0 DESCRIPTION OF SUBJECT PROPERTY AND SURROUNDING AREA

The objective of describing the Subject Property and surrounding area is to document current conditions as observed and to obtain information which would indicate the likelihood of a Recognized Environmental Condition (REC) in connection with the Subject Property.

3.1 SUBJECT PROPERTY LOCATION AND LEGAL DESCRIPTION

The Subject Property is comprised of approximately two (2) acres of native desert land, located at the north of the intersection of South SaddleBrooke Ranch Drive & Arizona Highway 77, in Oracle, Pinal County, Arizona; more specifically Section 9, Township 10 South, Range 14 East of the Gila and Salt River Baseline and Meridian. According to the Pinal County Assessor’s Office website, the Subject Property is made up of a portion of one (1) parcel, Pinal County Assessor Parcel Number (APN) 305-317-010.

3.2 SUBJECT PROPERTY AND VICINITY GENERAL CHARACTERISTICS

The Subject Property is located in an area adjacent to the entry road (South SaddleBrooke Ranch Road) for the developing SaddleBrooke Ranch residential community located in Oracle, Arizona. The Subject Property currently consists of undeveloped native desert land, directly south of the rapidly developing SaddleBrooke Ranch, a Master Planned Residential Community.

At the time of reconnaissance, the Subject Property was restricted to vehicle access by a metal fence along the western and southern boundaries of the Subject Property. Evidence of stained soil, spills, or other factors contributing to Recognized Environmental Conditions (RECs) were not observed on the Site.

3.3 PROPERTY DESCRIPTION AND CURRENT USE

Initial reconnaissance of the site was conducted by ProTeX personnel in March of 2020. The most current reconnaissance of the Site was conducted on foot by Mr. Ryan Shell of ProTeX on August 11, 2021. The Site was observed to be undeveloped native desert land. No structures, buildings, roads, or utilities were established within the boundaries of the Subject Property. No soil staining, spills, or other Recognized Environmental Conditions (RECs) were observed within the boundaries of the Subject Property. Representative photographs of the Subject Property are presented in Appendix C.

HAZARDOUS SUBSTANCES

No hazardous or potentially hazardous substances were observed on the Site or adjoining properties during the site reconnaissance. Interiors of adjoining properties were not observed as part of the reconnaissance other than what could be observed from the Site boundaries.

STORAGE TANKS

No evidence of underground or aboveground storage tanks (vent pipes, fill pipes, regular-shaped depressions, etc.) was observed on the site during the Site reconnaissance.

ODOR (STRONG, PUNGENT, OR NOXIOUS)

At the time of the Site reconnaissance, ProTeX representatives did not detect any odor other than ambient dust, and native vegetation.

STORAGE OF HAZARDOUS SUBSTANCES AND/OR PETROLEUM PRODUCTS

No evidence of storage containers (five-gallon, 55-gallon, or totes) for hazardous substances and/or petroleum products were observed on the Subject Property during the Site reconnaissance.
POLY-CHLORINATED BIIPHENYLS (PCBs)

The usage of PCBs as dielectric fluid in electrical equipment were banned in 1979. However, the ban did not enforce the removal of PCBs electrical infrastructures installed in or before 1979. All pre-1979 electrical transformers are suspected to be PCB-containing unless if it has been serviced recently and/or replaced by the local electrical providers.

There appears to be no evidence of PCB containing electrical equipment found within the interior of the Site boundaries; however, pad-mounted transformers and other equipment were observed adjacent to the south of the Subject Property. Owned and serviced by Trico Electric Cooperative the transformers appeared to be free of any damage or leaks, and do not appear to represent REC's for the Site at this time.

CONTROLLED SUBSTANCES

Environmental Risk Information Services, Inc. (ERIS) was contacted to provide a review of the Drug Enforcement Administration (DEA), National Clandestine Laboratory Register records of illegal or controlled substances. No record of historical clandestine lab use was found within the Site and there was no indication of clandestine drug activity on the Subject Property during the Site reconnaissance.

INDICATIONS OF SOLID WASTE DISPOSAL

No bulk waste was observed within the boundaries of the Subject Property at the time of the site reconnaissance.

UTILITY SUPPLY

There are no utilities on the Subject Property at this time and it is anticipated that utilities on the Subject Property are likely to be supplied and maintained by the same local providers within the SaddleBrooke Ranch Master Planned Residential Community.

GROUNDWATER WELLS

The ERIS Database Report, Physical Setting Report, and the Wells 55 Registry were reviewed for wells on Site and within 0.25-mile search radius. There are no wells identified within the boundaries of the Subject Property and one (1) well identified within a ¼-mile search radius of the Site. No indications of groundwater wells were observed during the site reconnaissance.

SEPTIC SYSTEMS

According to Site observations, no septic systems were evident on the Subject Property during the site reconnaissance. ProTeX did not identify any former structures within the Subject Property in review of historical aerials and topographic maps that may or may not have had a septic system. If a septic system is encountered during development, it should be closed in accordance with Federal, State and Local regulations.

DRAINAGE

The Subject Property is relatively flat throughout with a slight regional slope down to the west-northwest. It appears that storm water runoff will be directed toward the natural wash which exists immediately adjacent to the north of the Subject Property. Furthermore, it is anticipated that storm
water runoff (once developed) will be directed towards any retention basins that are likely to be constructed for the Subject Property.

PITS, PONDS, OR LAGOONS
No pits, ponds, and/or lagoons were observed within the interior of the Subject Property.

GROUND STAINING
No evidence of stained soils and/or pavement were observed during the Site reconnaissance.

STRESSED VEGETATIONS
No indications of stressed vegetations were observed at the time of the site reconnaissance.

OTHER CONDITIONS OF CONCERN
No indications of leach fields, cesspools, or other conditions of concern were observed during the site reconnaissance that would indicate a REC for the Subject Property at this time.

3.4 CURRENT ADJOINING PROPERTY USE

The current adjoining property use is discussed in the table below.

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>North</td>
<td>Native desert land.</td>
</tr>
<tr>
<td>West</td>
<td>South SaddleBrooke Ranch Road.</td>
</tr>
<tr>
<td>South</td>
<td>Native desert land, followed by Arizona Highway 77.</td>
</tr>
<tr>
<td>East</td>
<td>Native desert land, followed by Arizona Highway 77.</td>
</tr>
</tbody>
</table>

4.0 CLIENT PROVIDED INFORMATION

4.1 INTERVIEWS

As required by ASTM E1527-13, ProTeX attempted to interview, a representative for the property owner and the prospective buyer, by way of Property Questionnaires. Questionnaires are provided to assist the user and the environmental professional in gathering information that may be material in identifying Recognized Environmental Condition (RECs) on the Subject Property. An affirmative or unknown answer to a question may be an indication of a Recognized Environmental Condition (REC) in connection with the Subject Property.

Mr. Brent Emmerton with B&R Engineering, State Land Applicant representative, and apparent “User” of this Phase I ESA, previously filled out and returned the All-Appropriate Inquiry (AAI) USER questionnaire on March 23, 2020. Mr. Emmerton indicated that he was not aware of any indications where the property value is affected by contamination or other environmental concerns related to the Site. The remaining responses from Mr. Emmerton do not appear to represent a REC for the Site at this time.

Mr. Bruce Campbell, a representative of the Arizona State Land Department (a previous owner), previously filled out and returned the owner questionnaire on April 22, 2020. Mr. Campbell indicated that he was not aware of any environmental contamination related to the Site and that is has been native desert for as long as he has been involved with the property. In addition, Mr. Campbell indicated that the Arizona State Land
Department has owned the property for over 100 years, since February 28, 1919. The responses from Mr. Campbell do not appear to represent an REC for the Site at this time.

Additionally, Mr. Jose L. Castillo II (current representative for the Golder Ranch Fire District, the current “User” of this report) sent ProTeX an Owner Questionnaire, dated August 3, 2021, stating that there have been no changes to the Subject Property since the last ESA in March of 2020.

The completed questionnaires are presented in Appendix B in this report.

4.2 Title Records

Chain-of-Title documents for the Subject Property were not provided to ProTeX. The Environmental Risk Information Services (ERIS) report records did not find any Activity and Use limitations for the Subject Property.

4.3 Reason for Performing Phase I ESA

This Phase I ESA was conducted at the request of the Golder Ranch Fire District, to qualify the prospective buyer as an Innocent Landowner in the event it should become necessary and to fulfill requirements of their lender.

4.4 Other User Provided Information

No other information was provided to ProTeX for the preparation of this Phase I ESA Update.

5.0 Property Physical Setting

Surface and subsurface environments are of interest because they control the movement of water-born contaminants, which could be transported to and from the Subject Property. ProTeX reviewed information regarding the physical setting of the Subject Property and immediate surrounding area.

5.1 Geology and Soils

The Subject Property is located in the Santa Cruz River Watershed and the Upper Santa Cruz Sub-basin within the Tucson Active Management Area (AMA). The Tucson AMA covers 3,866 square miles in southern Arizona and is in the basin and range physiographic province which is characterized by broad, gently sloping alluvial basins separated by north to northwest, trending fault block mountains. The AMA includes portions of Pima, Pinal, and Santa Cruz Counties, and five incorporated cities and towns: Tucson, South Tucson, Tucson, Vail and Sahuarita. The Pascua Yaqui tribal lands, part of the Schuk Toak District, and the entire San Xavier District of the Tohono O’odham Nation are within the AMA. Surface elevations range from 1,770 feet just north of Picacho Peak to 9,453 feet at Mt. Wrightson in the Santa Rita Mountains.

The general geology of the Subject Property is Pliocene to middle Miocene deposits, consisting of moderately to strongly consolidated conglomerate and sandstone deposited in basins during and after late Tertiary faulting. Includes lesser amounts of mudstone, siltstone, limestone, and gypsum. These deposits are generally light gray or tan. They commonly form high rounded hills and ridges in modern basins, and locally form prominent bluffs. Deposits of this unit are widely exposed in the dissected basins of southeastern and central Arizona.
The dominant soils in the area of the Subject Property are identified as Sasabe-Stronghold complex, 1 to 15 percent slopes, which are well-drained soils classified as “Group C” in the hydrological grouping for soils with high runoff potential when thoroughly wet and slower infiltration rates.

5.2 Topography

According to the USGS 7.5’ Digital Elevation Model, the area within a one-mile radius of the Subject Property follows the regional slope downward to the west-northwest. Elevation of the Subject Property ranges from approximately 3,505 feet to 3,515 feet above sea level (asl).

5.3 Vicinity Surface Drainage

Topographic maps indicate a slight downward gradient west-northwest within a one-mile radius of the Site. It appears that water runoff within the vicinity of the Subject Property will be directed to the naturally occurring wash that exists to the north of the Site.

5.4 Groundwater

According to the published maps, the Tucson AMA includes approximately 3,869 square miles of mostly Sonoran Desert and is characterized by mid to high elevation mountains and broad alluvial basins. The major urban area, consisting of several incorporated cities, is largely surrounded by land devoted to agriculture, sparse development and open desert. Major aquifers are recent stream alluvium and basin fill. In the Upper Santa Cruz Sub-basin, groundwater flows from the mountains along the eastern AMA boundary toward the center of the AMA, then north-northwest. In the Avra Valley Sub-basin, groundwater flows from south to north. The Subject Property lies within the Upper Santa Cruz Sub-Basin. Groundwater flow in the vicinity of the Subject Property is anticipated to be in a generally east-northeast direction within a one-mile radius. Groundwater depth within a one-mile search radius appears to vary significantly between approximately 350 to potentially 1,000+ feet below ground surface (bgs).

The actual groundwater flow gradient direction in the vicinity of the subject Property is generally complex, but locally appears to be a north-northwest gradient, generally following the natural “ephemeral nature” of the Catalina foothill geomorphology. A drainage ravine on the northwest adjoining desert appears to be the direction of surface drainage in the Subject Property area. The surrounding areas to the east, northeast, southeast appear to lie in close proximity to large fluvial events, such as the Rainbow End Wash and the Upper Holding Ravine. (According to the Pinal County Assessors Website (ESRI Bureau of Land management, ESRI, HERE, Garmin, USGS, NASA, EPA, USDA) Mapping Interface).

5.5 Flood Zone

According to the Flood Control District of Pinal County and FEMA, the Subject Property is located within Flood Zone X-12, an area of minimal flood hazard within 500-year flood plain or 0.2-percent annual chance of flood [FIRM Panels # 04021C2475E (effective as of December 4, 2007)].

5.6 Wetlands

No evidence of the presence or potential presence of wetland areas on or immediately adjacent to the Subject Property was identified during the site reconnaissance.
5.6 OIL AND GAS WELLS

No oil/gas wells were identified on the Subject Property during the Site visit. Additionally, ProTeX contracted with ERIS to provide information on oil or gas wells located on the Subject Property or in the project area. No oil or gas wells were mapped within a 1-mile radius of the Subject Property. The ERIS database report is provided in Appendix D.

6.0 ENVIRONMENTAL REGULATORY RECORDS REVIEW

The records review of the SaddleBrooke Ranch Fire Station (the Site/Subject Property), is conducted to help identify known Recognized Environmental Conditions (RECs) at the Subject Property and/or on adjacent or nearby properties which may have impacted the Site.

6.1 ENVIRONMENTAL DATABASE RECORDS SEARCH

Environmental Risk Information Services (ERIS) was contracted to provide a review of the standard Federal and State environmental record sources of known and suspected environmental contamination. The following table is a summary of the number of sites identified within the minimum search distance, specified in ASTM Standard 1527-13, for the environmental databases searched (Appendix D is the complete ERIS Database Report).

Additionally, orphan or un-mapped sites provided by ERIS were reviewed for the approximate minimum search distance noted and included in our discussion, if applicable. No orphaned sites were identified in the ERIS Database Report.

<table>
<thead>
<tr>
<th>ENVIRONMENTAL DATABASE</th>
<th>MINIMUM SEARCH DISTANCE</th>
<th>SITE</th>
<th>ADJACENT</th>
<th>VICINITY (WITHIN SEARCH DISTANCE)</th>
<th>TOTAL LISTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>AZ WQARF – Water Quality Assurance Revolving Fund.</td>
<td>1.0 Mile</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>U.S. Environmental Protection Agency (USEPA) - National Priorities List (NPL), including delisted NPL</td>
<td>1.0 Mile</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>USEPA - Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS), including NFRAP* sites</td>
<td>0.5 Mile</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>USEPA – Resource Conservation and Recovery Act (RCRA), Corrective Action Facilities (CORRACTS)</td>
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### Environmental Database

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<td>Waste Water Treatment Facilities</td>
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<td>0</td>
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</tr>
</tbody>
</table>

*NFRAP = No Further Remedial Action Planned  
N/A = Not Applicable

#### 6.2 Discussion of Regulatory Records

**Arizona Water Quality Assurance Revolving Fund**

The Arizona Water Quality Assurance Revolving Fund lists sites which may have an actual or potential impact upon the waters of the State of Arizona. The WQARF program provides matching funds to political subdivisions and other State agencies for clean-up activities. The Arizona Water Quality Assurance Revolving Fund (WQARF) is searched for a distance of 1.0 mile around the Subject Property. The Subject Property does not appear on the Arizona Water Quality Assurance Revolving Fund (WQARF). There are no locations on the Arizona Water Quality Assurance Revolving Fund (WQARF) within the search radius.

**National Priority List**

The National Priority List (NPL) is the EPA’s list of confirmed or proposed Superfund sites. The NPL is searched for a distance of 1.0 mile around the Subject Property. The Site does not appear on the National Priority List (NPL) and there are no facilities on the National Priority List (NPL) within the search radius.

**CERCLIS List**

The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) is a database of sites the EPA has investigated or is currently investigating for release or threatened release of hazardous substances. The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list is searched for a 0.5-mile distance around the Subject Property. The Subject Property does not appear on the list and there are no sites within the search radius.
RESOURCE CONSERVATION AND RECOVERY ACT

The Resource Conservation and Recovery Act (RCRA) compiles selective information on facilities that generate, transport, store, treat and or dispose of hazardous waste. RCRA facilities can be listed on one of three databases:

- **Corrective Action Facilities (CORRACTS)** are facilities undergoing corrective action. A corrective action order is issued pursuant to Resource Conservation and Recovery Act (RCRA) Chicago (Midway), IL - MDW Section 3008(h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. The CORRACTS list is searched for a distance of 1.0 mile around the Subject Property. The Subject Property does not appear on the CORRACTS list and there are no facilities on the CORRACTS within the search radius.

- **Transportation, Storage, and Disposal Facilities (TSD)** includes facilities that transport, store or dispose of hazardous waste and are not listed on the Resource Conservation and Recovery Act (RCRA) Generator’s list. The TSD list is searched for a distance of 0.5 mile around the Subject Property. The Subject Property does not appear on the RCRA TSD list and there are no facilities on the TSD list within the search radius.

- **Generators List** identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Generators database is a compilation by the EPA of reporting facilities that generate hazardous waste. The RCRA generators list is searched for the Subject Property and adjacent properties for a distance of 0.25-mile around the Site. The Subject Property does not appear on the Resource Conservation and Recovery Act (RCRA) Generator’s list. There are no facilities within the search radius.

EMERGENCY RESPONSE NOTIFICATION SYSTEM

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil or hazardous substances. The Emergency Response Notification System (ERNS) list is searched for the Subject Property. The Subject Property does not appear on the Emergency Response Notification System (ERNS).

FEDERAL INSTITUTIONAL CONTROL/ENGINEERING CONTROL REGISTRIES

The USEPA maintains two databases that list sites that have institutional and/or engineering controls in place as part of their operations. These databases are searched for the Subject Property. The Subject Property does not appear on either of these databases.

ARIZONA SUPERFUND PROGRAM LIST (ASPL)

The Arizona Superfund Program List (ASPL) is a list of sites, which may have an actual or potential impact upon the waters of the State. The ASPL consists of the following three elements: Water Quality Assurance Revolving Fund (WQARF) Registry sites, National Priorities List (NPL) sites, and Department of Defense (DOD) sites. The Subject Property does not appear on the ASPL and there are no facilities on the ASPL within 1.0-mile of the Site.
SOLID WASTE FACILITIES LIST

The ADEQ Waste Programs Division Recycling and Data Management Unit maintain a list of solid waste facilities identified as active or closed. The Subject Property does not appear on the Solid Waste Facilities (SWL) list and there are no facilities on the Solid Waste Facilities (SWL) list within 0.5 miles of the Site.

LEAKING UNDERGROUND STORAGE TANKS LIST

The Arizona Leaking Underground Storage Tanks (LUST) list is a compilation of petroleum storage tank sites that have reported a release. The Leaking Underground Storage Tanks list is searched for the Site and a search distance of 0.5-mile around the Subject Property. The Subject Property does not appear on the Leaking Underground Storage Tank (LUST) list. There are no Leaking Underground Storage Tank (LUST) sites within the 0.5-mile search radius of the Subject Property.

UNDERGROUND STORAGE TANKS LIST

The Arizona Underground Storage Tank (UST) list is a compilation of petroleum storage tank sites that are registered with the state of Arizona. The Underground Storage Tank list is searched for the Site and a search distance of 0.25-mile around the Subject Property. The Subject Property does not appear on the Underground Storage Tanks (UST) list. There are no listed Underground Storage Tanks (USTs) within the 0.25-mile search radius.

ABOVEGROUND STORAGE TANKS LIST

Aboveground Storage Tank (AST) data is listed in the Department of Environmental Quality’s UST-DMS Facility and Tank Data Listing by City. The AST list is searched for the Subject Property and a search distance of 0.25-mile around the Site. The Subject Property does not appear on the AST list and there are no ASTs within 0.25-mile of the Site.

STATE- AND TRIBAL-EQUIVALENT CERCLIS

The Superfund Priority List (SPL) and State Hazardous Waste Site (SHWS) records are searched for a radius on 1.0-mile of the Subject Property. The Subject Property does not appear on these lists. There is no SHWS facility within the ASTM search radius of the Subject Property.

STATE INSTITUTIONAL CONTROL/ENGINEERING CONTROL REGISTRIES

ADEQ maintains a listing of deed/land use restrictions for institutional or engineering control as part of its Brownfields Program. This list is searched for the Subject Property and adjacent properties. The Subject Property does not appear on this list as subject to a Declaration of Environmental Use Restriction (DEUR). There are no adjacent facilities that appeared on this list.

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY - eMAPS

ADEQ maintains a GIS portal compiled from multiple environmental databases under their jurisdiction including AZURITE Places/Facilities, Drywells, Voluntary Remediation Sites, etc. The target search radius is confined to the Subject Property. There is no listing within the interior of the Subject Property.
STATE AND TRIBAL VOLUNTARY CLEANUP SITES

The Arizona voluntary cleanup site (AZ VCP) is a list of sites involved in the Voluntary Remediation Program. This list is searched a distance of 0.5-mile around the Subject Property. The Subject Property does not appear on the AZ VCP list and there are no sites on the list within the ASTM search radius.

WASTE WATER TREATMENT FACILITIES

Statewide list of waste water treatment facilities (WWFAC) is searched for a radius of 0.5 miles of the Subject Property. The Subject Property contains no waste water treatment facilities (WWFAC). There are no waste water treatment facilities (WWFACs) within the 0.5 miles search radius.

6.3 LOCAL REGULATORY AGENCY RECORDS

Several local agencies were previously contacted in regards to additional records beyond those included in the search radii of the attached ERIS Radius Report (Appendix D, The ERIS Database Report). One (1) of the agencies responded prior to production of this report and is further discussed below.

GOLDER RANCH FIRE DISTRICT

The Golder Ranch Fire District (GRFD) is the local agency that acts as the Fire Marshall, as well as the provider of fire and medical service provider for the area where the Subject Property is located. Ms. Shannon Ortiz was originally contacted on April 16, 2020 with an emailed request for any records for the parcel in question. Following an email discussion with Ms. Ortiz, she contacted Mr. Steven Horbarenko, the Deputy Fire Marshall for GRFD, for any information on the Site. Ms. Ortiz responded by emailing Mr. Horbarenko’s response, indicating that there are no listed aboveground or underground storage tanks registered for the parcel, and there have been no reports of hazardous material spills, leaks or other environmental concerns associated with the Site. The original email and request and response letter is included in Appendix B.

6.4 VAPOR MIGRATION

Revisions to the ASTM Standard E 1527-13 include the requirement to identify the likelihood for vapor migration from subsurface soil or groundwater contamination at or near the Subject Property. The requirements are outlined in ASTM Standard E2600-10. The objective of the revised standard is simply to identify Vapor Encroachment Conditions (VECs) at the Subject Property. ProTeX did not identify any facilities within the maximum search radius that warrants VECs screening.

7.0 SITE AND SURROUNDING AREA HISTORY

In order to construct the history of the Subject Property and the surrounding area, ProTeX reviewed reasonably ascertainable public documents, including aerial photographs, topographic maps, building records, city directories, fire insurance maps, and county assessor historical records.
7.1 **HISTORICAL SITE USAGE**

**AERIAL PHOTOGRAPH REVIEW**

Aerial photographs, dated 1935 – 2019 provided in the ERIS Historical Aerials, as well as 1985 - 2020 aerials on Google Earth, were reviewed. The earliest available photograph, dated 1935, shows the Site as native desert land with ephemeral washes present. The Subject Property has remained relatively unchanged from the earliest available aerial photograph (dated 1935), and remains undeveloped desert land to date (2021).

**TOPOGRAPHIC MAP REVIEW**

The U.S. Geological Survey (USGS), Oracle, Arizona 15-minute Series Topographic Map, dated 1959 was reviewed. In addition, the Oracle Junction, Arizona 7.5-minute Series Topographic Maps, dated 1988, 1996, and 2014 were also reviewed. No structures or other items of note were observed on any of the maps reviewed. The topographic maps do not indicate any potential liability to Subject Property, resulting from past activities on the Site.

**CITY DIRECTORY REVIEW**

ERIS previously researched city directories to assist in evaluation of potential liability on the Subject Property from past activities. The ERIS report includes a search of available directories from 1970 to 2018. The Site’s address and nearest intersection were reviewed for any listing(s) in the city directory. No findings were discovered for the Subject Property and the absence of city directory listings does not appear to hinder our ability to assess the Site. The report is presented in **Appendix B**.

**FIRE INSURANCE MAP REVIEW**

ERIS previously researched the Sanborn Library for maps covering the Subject Property. Fire insurance maps covering the Site were not found according to the ERIS Fire Insurance Map report dated March 17, 2021. The report is presented in **Appendix B**.

7.2 **HISTORICAL IMMEDIATELY SURROUNDING PROPERTY USAGE**

**PHOTOGRAPH REVIEW**

Aerial photographs, dated 1935 – 2019 provided in the ERIS Historical Aerials, as well as 1985 - 2020 aerials on Google Earth were reviewed. The earliest available photograph, dated 1935, shows the immediately surrounding area as native desert land with ephemeral washes and an apparent roadway to the south of the Site. After 1935 and prior to 1959, the road to the south of the Subject Property (currently Arizona Highway 77) appeared to have been paved. No significant changes to the Site and surrounding were observed from the late 1950’s until sometime between 2000 and 2003, when an unpaved road is partially developed adjacent to the west of the Subject Property. By 2005, the land to the north of the Site is graded in preparation for a new subdivision, and the road adjoining to the west appears to have been paved. During 2006 and 2007, roads in the subdivision development to the north/northwest appear to have been paved. Single-family residential properties are added to this area beginning in 2009, and are continuing to be added to date (2021).
TOPOGRAPHIC MAP REVIEW

The U.S. Geological Survey (USGS), Oracle, Arizona 15-minute Series Topographic Map, dated 1959 was reviewed. In addition, the Oracle Junction, Arizona 7.5-minute Series Topographic Maps, dated 1988, 1996, and 2014 were also reviewed. The topographic maps do not indicate any potential liability to Subject Property, resulting from past activities from the surrounding properties.

CITY DIRECTORY REVIEW

ERIS previously researched city directories to assist in evaluation of potential liability on the Subject Property from past activities. The ERIS report includes a search of available directories from 1970 to 2018. The city directory listings do not indicate any potential liability, to the Subject Property, resulting from past activities on the surrounding properties. The report is presented in Appendix B.

FIRE INSURANCE MAP REVIEW

ERIS previously researched the Sanborn Library for maps covering the immediate surrounding properties. Fire insurance maps covering the surrounding area were not found as indicated in the ERIS Fire Insurance Map report dated March 17, 2021. The report is presented in Appendix B.

7.3 HISTORICAL USE SUMMARY

Historical aerial photography, topographic maps, and other sources were reviewed to summarize the past usage of the Subject Property and the immediately surrounding properties. The oldest historical reference reviewed was an aerial photograph, dated 1935, which shows the Subject Property and immediately surrounding area as native desert land with an apparent roadway to the south of the Site. After 1935 and prior to 1959, the road to the south of the Subject Property (currently Arizona Highway 77) appeared to have been paved. No significant changes to the Site and surrounding were observed from the late 1950’s until sometime between 2000 and 2003, when an unpaved road is partially developed adjacent to the west of the Subject Property. By 2005, the land to the north of the Site is graded in preparation for a new subdivision, and the road adjoining to the west appears to have been paved. During 2006 and 2007, roads in the subdivision development to the north/northwest appear to have been paved. Single-family residential properties are added to this area beginning in 2009, and are continuing to be added to date (2021). The Subject Property appears to have been native desert land from at least 1935, and remains undeveloped desert land to date (2021).

8.0 SIGNIFICANT DATA GAPS

No Significant Data Gaps were encountered during the preparation of this Phase I Environmental Site Assessment.
9.0 CONCLUSIONS AND RECOMMENDATIONS

A Phase I Environmental Site Assessment (ESA) of the planned development identified as the SaddleBrooke Ranch Fire Station, located at the north of the intersection of South SaddleBrooke Ranch Drive & Arizona Highway 77, in Oracle, Pinal County, Arizona (the Site/Subject Property), was conducted in general conformance with the scope and limitations of the American Society of Testing and Materials E 1527-13, “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process”, which is approved to meet the requirements of the federal All Appropriate Inquiry (AAI) standards as set forth in the Code of Federal Regulations, Title 40, Section 312 (40 CFR 312).

Recognized Environmental Conditions are the presence or likely presence of any hazardous substance or petroleum products on, in or at a property: (1) due to a release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

- **No recognized environmental conditions were identified during this Phase I ESA.**

Controlled Recognized Environmental Conditions are recognized environmental conditions resulting from a past release of hazardous substances or petroleum products that have been addressed to the satisfaction of the applicable regulatory authority, as evidenced by the issuance of a no further action letter or equivalent, or meeting risked based criteria established by regulatory authority, allowing hazardous substances or petroleum products to remain in place subject to implementation of required controls.

- **No controlled recognized environmental conditions were identified during this Phase I ESA.**

Historical Recognized Environmental Conditions refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the Subject Property and has been addressed to the satisfaction of the applicable regulatory authority without subjecting the Subject Property to any required controls.

- **No historical recognized environmental conditions were identified during this Phase I ESA.**

De Minimis Conditions are those conditions which generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

- **No De Minimis conditions were identified during this Phase I ESA.**

**NO ADDITIONAL INVESTIGATION IS RECOMMENDED FOR THE SITE AT THIS TIME.**

This assessment has been prepared for the exclusive use of, and may be relied upon by the Golder Ranch Fire District, their successors, and assignees. It is valid for a period of 180 days from the AAI date of August 5, 2021.
10.0 CERTIFICATIONS

I, Mr. Ritchie A. Bump, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of §40 CFR 312 and, I, Mr. Ritchie A. Bump have the specific qualifications based on education, training and experience to assess a property of the nature, history, and setting of the Subject Property. I, Mr. Bump, have developed and performed the all-appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312. The qualifications of the Environmental Professional are included in Appendix E.

If you have any questions, or if we can be of further service, please contact us at 602-272-7891.

Respectfully submitted,
ProTeX the PT Xperts, LLC

Ritchie Bump
Environmental Professional
Director of Env. Services
B.S. Chemical Engineering

Sarah Berger
Environmental Consultant
B.S. Earth Science
11.0 REFERENCES

ARIZONA, STATE OF

♦ Arizona Geological Survey, Geologic Map of Arizona
  http://data.azgs.az.gov/geologic-map-of-arizona/#
♦ Arizona Department of Environmental Quality’s GIS & EMAPs portal
  http://gisweb.azdeq.gov/arcsgis/emaps/?topic=places
♦ Arizona Department of Environmental Quality’s MegaSearch Records Database
  https://megasearch.azdeq.gov/megasearch/
♦ Arizona Department of Water Resources’ Imaged Records Database
  https://infoshare.azwater.gov/docushare/dsweb/HomePage
♦ Arizona Department of Environmental Quality’s LUST Database.
  https://legacy.azdeq.gov/databases/lustsearch_drupal.html
♦ Arizona Department of Environmental Quality’s UST Database.
  https://legacy.azdeq.gov/databases/ustsearch_drupal.html

PINAL COUNTY

♦ Pinal County Assessor’s Office
  https://pinal.maps.arcgis.com/apps/webappviewer/index.html?id=d92bad11160e425ca191f048ef6ca556

ENVIRONMENTAL RISK INFORMATION SERVICES REPORTS


GOOGLE EARTH

♦ Google Earth Historical Imagery, http://earth.google.com
APPENDIX A:

FIGURES
Historical Aerials

Project Property: SaddleBrooke Ranch Fire Station
SaddleBrooke Ranch Fire Station @ SaddleBrooke Ranch
Oracle AZ

Requested By: ProTeX
Order No: 20200317197
Data Completed: March 20, 2020
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<td>1935</td>
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</table>
Project Property: SaddleBrooke Ranch Fire Station
                      SaddleBrooke Ranch Fire Station @ SaddleBrooke Ranch Dr. & AZ- 77
                      Oracle AZ

Project No: Requested By: ProTeX
Order No: 20200317197
Date Completed: March 17, 2020
We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

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<td>1996</td>
<td>7.5</td>
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</tr>
<tr>
<td>1959</td>
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Topographic Maps included in this report are produced by the USGS and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property.

No warranty of Accuracy or Liability for ERIS. The information contained in this report has been produced by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as ‘ERIS’, using Topographic Maps produced by the USGS. This maps contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com
APPENDIX B:

DOCUMENTS
OWNER
PROPERTY QUESTIONNAIRE

To the best of your actual knowledge and in good faith, please complete the following property questionnaire and return to ProTeX The PT Xperts, LLC (ProTeX).

This Questionnaire must be completed in its entirety. Incomplete questionnaires may require further inquiry and could delay the publication of the report.

PROPERTY INFORMATION

Site Name: Saddlebrook Fire Station
Street Address: TIPES RIVER sec 9
City, State, Zip: Pinal County

PROPERTY LAND USE DESCRIPTION

Subject Property General Land Use/Zoning:
Date of Construction (if applicable):
Area of Property:
Description of Property and Improvements:

ADJOINING PROPERTY LAND USE DESCRIPTION

North Land Use: West Land Use:
East Land Use: South Land Use:

CURRENT/PRIOR PROPERTY OWNERSHIP AND USE

How long have you owned the property? February 28, 1993
Property Street Address:

Property City, State, Zip:

Describe the property usage during your ownership: Nature Desert

ASTM 1527-13 stipulates the Prior Property Owner be identified. Please provide the name, contact information, and length of ownership. Please explain an affirmative answer.

Describe the property usage prior to your ownership: Unknown

YOUR NAME: Bruce Campbell
FIRM: Arizona State Land Dept.

SIGNATURE: [Signature]
DATE: 4/22/20

NO CHANGES - NIKKI ROBSON 4/3/21
ASLD
OWNER

PROPERTY QUESTIONNAIRE

To the best of your actual knowledge and in good faith, please complete the following property questionnaire and return to ProTeX The PT Xperts, LLC (ProTeX).

This Questionnaire must be completed in its entirety. Incomplete questionnaires may require further inquiry and could delay the publication of the report.

PROPERTY INFORMATION

Site Name: Saddlebrook Fire Station
Street Address: TIP S, RICE sec.9
City, State, Zip: Pinal County

PROPERTY LAND USE DESCRIPTION

Subject Property General Land Use/Zoning:
Date of Construction (if applicable):
Area of Property:
Description of Property and Improvements:

ADJOINING PROPERTY LAND USE DESCRIPTION

North Land Use: West Land Use:
East Land Use: South Land Use:

CURRENT/PRIOR PROPERTY OWNERSHIP AND USE

How long have you owned the property? February 28, 1919
Property Street Address:

Property City, State, Zip:

Describe the property usage during your ownership: Notice Desert

ASTM 1527-13 stipulates the Prior Property Owner be identified. Please provide the name, contact information, and length of ownership. Please explain an affirmative answer.

Describe the property usage prior to your ownership: unknown

YOUR NAME: Bruce Campbell
FIRM: Arizona State Land Dept
SIGNATURE: 
DATE: 4/22/20
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<th>No.</th>
<th>Question</th>
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<th>No</th>
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<th>Please explain each affirmative answer in the space provided.</th>
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<td>A</td>
<td>Do you have knowledge of any prior environmental reports for the site? If so, please forward to ProTeX.</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>Do you have knowledge of known current or historic uses of hazardous materials or other specialized knowledge of the site and surrounding area? If so, please forward the information to ProTeX.</td>
<td></td>
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<td>8a</td>
<td>Are there currently pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?</td>
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<td>9a</td>
<td>Is there currently any stained soil on the property?</td>
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<td>9b</td>
<td>Did you observe evidence or do you have prior knowledge that there has been previously, any stained soil on the property?</td>
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<td>10a</td>
<td>Are there currently any registered or unregistered storage tanks (above or underground) located on the property?</td>
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<td>11a</td>
<td>Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?</td>
<td></td>
<td>X</td>
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<td>11b</td>
<td>Have you observed evidence or do you have prior knowledge that there have previously been any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?</td>
<td></td>
<td>X</td>
<td></td>
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<tr>
<td>12a</td>
<td>Is there currently evidence of leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?</td>
<td></td>
<td>X</td>
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<td>12b</td>
<td>Have you observed evidence or do you have prior knowledge that there have previously been any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?</td>
<td></td>
<td>X</td>
<td></td>
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<td>13a</td>
<td>If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?</td>
<td></td>
<td>X</td>
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<td>13b</td>
<td>If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?</td>
<td></td>
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<tr>
<td>14</td>
<td>Does the owner or occupants of the <em>property</em> have any knowledge of <em>environmental liens</em> or governmental notification relating to past or recurrent violations of environmental laws with respect to the <em>property</em> or any facility located on the <em>property</em>?</td>
<td></td>
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<tr>
<td>15a</td>
<td>Has the owner or occupant of the <em>property</em> been informed of the past existence of <em>hazardous substances</em> or petroleum products with respect to the property or any facility located on the property?</td>
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<td>15b</td>
<td>Has the owner or occupant of the <em>property</em> been informed of the current existence of <em>hazardous substances</em> or petroleum products with respect to the property or any facility located on the property?</td>
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<td>15c</td>
<td>Has the owner or occupant of the <em>property</em> been informed of the past existence of environmental violations with respect to the <em>property</em> or any facility located on the <em>property</em>?</td>
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<td>15d</td>
<td>Has the owner or occupant of the <em>property</em> been informed of the current existence of environmental violations with respect to the <em>property</em> or any facility located on the <em>property</em>?</td>
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<tr>
<td>16</td>
<td>Does the owner or occupant of the property have any knowledge of any environmental site assessments of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?</td>
<td></td>
<td>X</td>
<td></td>
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<tr>
<td>17</td>
<td>Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substances or petroleum products involving the property by any owner or occupant of the property?</td>
<td></td>
<td>X</td>
<td></td>
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<tr>
<td>18a</td>
<td>Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?</td>
<td></td>
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<td></td>
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<td>18b</td>
<td>Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?</td>
<td></td>
<td>X</td>
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<tr>
<td>19</td>
<td>Did you observe or do you have any knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried, and/or burned on the property?</td>
<td></td>
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<td>20</td>
<td>Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?</td>
<td></td>
<td>X</td>
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OWNER
PROPERTY QUESTIONNAIRE

To the best of your actual knowledge and in good faith, please complete the following property questionnaire and return to ProTeX The PT Xperts, LLC (ProTeX).

This Questionnaire must be completed in its entirety. Incomplete questionnaires may require further inquiry and could delay the publication of the report.

PROPERTY INFORMATION

Site Name: ____________________________
Street Address: ____________________________
City, State, Zip: ____________________________

PROPERTY LAND USE DESCRIPTION

Subject Property General Land Use/Zoning: ____________________________
Date of Construction (if applicable): ____________________________
Area of Property: ____________________________
Description of Property and Improvements: ____________________________

ADJOINING PROPERTY LAND USE DESCRIPTION

North Land Use: ____________________________ West Land Use: ____________________________
East Land Use: ____________________________ South Land Use: ____________________________

CURRENT/PRIOR PROPERTY OWNERSHIP AND USE

How long have you owned the property? ____________________________
Property Street Address: ____________________________
Property City, State, Zip: ____________________________

Describe the property usage during your ownership: ____________________________

ASTM 1527-13 stipulates the Prior Property Owner be identified. Please provide the name, contact information, and length of ownership. Please explain an affirmative answer. ____________________________

Describe the property usage prior to your ownership: ____________________________

YOUR NAME: ____________________________ FIRM: ____________________________
SIGNATURE: ____________________________ DATE: ____________________________
<table>
<thead>
<tr>
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<td>7b</td>
<td>Did you observe evidence or do you have prior knowledge that <em>fill dirt</em> has been brought onto the property that is of an unknown origin?</td>
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<tr>
<td>8a</td>
<td>Are there currently <em>pits, ponds, or lagoons</em> located on the <em>property</em> in connection with waste treatment or waste disposal?</td>
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<tr>
<td>8b</td>
<td>Did you observe evidence or do you have prior knowledge that there have been previously, <em>any pits, ponds, or lagoons</em> located on the <em>property</em> in connection with waste treatment or waste disposal?</td>
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<tr>
<td>9a</td>
<td>Is there currently any stained soil on the <em>property</em>?</td>
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<tr>
<td>9b</td>
<td>Did you observe evidence or do you have prior knowledge that there has been previously, any stained soil on the <em>property</em>?</td>
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<td>10a</td>
<td>Are there currently any registered or unregistered storage tanks (above or underground) located on the <em>property</em>?</td>
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<td>10b</td>
<td>Have you observed evidence or do you have prior knowledge that there have previously been any registered or unregistered storage tanks (above or underground) located on the <em>property</em>?</td>
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<tr>
<td>11a</td>
<td>Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the <em>property</em> or adjacent to any structure located on the <em>property</em>?</td>
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<tr>
<td>11b</td>
<td>Have you observed evidence or do you have prior knowledge that there have previously been any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the <em>property</em> or adjacent to any structure located on the <em>property</em>?</td>
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<td>12a</td>
<td>Is there currently evidence of leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the <em>property</em>?</td>
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<td>12b</td>
<td>Have you observed evidence or do you have prior knowledge that there have previously been any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?</td>
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<tr>
<td>13a</td>
<td>If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?</td>
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<td>13b</td>
<td>If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?</td>
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<td>14</td>
<td>Does the owner or occupants of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?</td>
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<td>15a</td>
<td>Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?</td>
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<td>15b</td>
<td>Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?</td>
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<td>15c</td>
<td>Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?</td>
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<td>15d</td>
<td>Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?</td>
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<td>16</td>
<td>Does the owner or occupant of the property have any knowledge of any environmental site assessments of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?</td>
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<td>17</td>
<td>Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substances or petroleum products involving the property by any owner or occupant of the property?</td>
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<td>18a</td>
<td>Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?</td>
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<td>18b</td>
<td>Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?</td>
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<td>19</td>
<td>Did you observe or do you have any knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried, and/or burned on the property?</td>
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<td>Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?</td>
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PHASE I ESA/AAI REQUIREMENTS

According to the All Appropriate Inquiry (AAI, 40 CFR 312) requirements and ASTM (E 1527-13) guidance on conducting Phase I Environmental Site Assessments, the “user” of the assessment must provide the following information, if available, to the environmental professional in order to qualify for Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001. Please check yes or no and provide any additional information you may have regarding the site. Failure to provide this information could result in a determination that “all appropriate inquiry” is not complete.

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

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

☐ Yes  ☐ No

If yes, please explain:

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

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

☐ Yes  ☐ No

If yes, please explain:

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

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

☐ Yes  ☐ No

If yes, please explain:

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

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

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

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

(a) Do you know the past uses of the property?

(b) Do you know of specific chemicals that are present or once were present at the property?

(c) Do you know of spills or other chemical releases that have taken place at the property?

(d) Do you know of any environmental cleanups that have taken place or are ongoing at the property?

☐ Yes ☐ No

If yes, please explain:

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

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

☐ Yes ☐ No

If yes, please explain:

Print Name __________________________________________ Signature ___________________________ Date ____________

AAI for ESA Proposal.doc
Project Property: SaddleBrooke Ranch Fire Station
SaddleBrooke Ranch Fire Station @ SaddleBrooke Ranch Dr. & AZ-77
Oracle, AZ

Project No:
Requested By:
ProTeX
Order No:
20200317197
Date Completed:
March 19, 2020
March 19, 2020  
RE: CITY DIRECTORY RESEARCH  
SaddleBrooke Ranch Fire Station  
SaddleBrooke Ranch Fire Station @ SaddleBrooke Ranch Dr. & AZ-77 Oracle, AZ

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest address(es) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the “central” parts of the city. To complete the search, we have either utilized the ACPL Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

**Search Criteria:**  
of Saddlebrooke Ranch Drive  
of AZ-77

**Search Results Summary**

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NO LISTING FOUND FOR THIS YEAR...
Project Property: SaddleBrooke Ranch Fire Station
SaddleBrooke Ranch Fire Station @ SaddleBrooke Ranch Dr. & AZ-77
Oracle AZ

Project No: 
Requested By: ProTeX
Order No: 20200317197
Date Completed: March 17, 2020

Please note that no information was found for your site or adjacent properties.
APPENDIX C:

PHOTOGRAPHS
Photo #1: View of the western boundary of the Subject Property, along South SaddleBrooke Ranch Drive.

Photo #2: General view of the Subject Property.

Photo #3: Looking across South SaddleBrooke Ranch Drive from the western boundary of the Subject Property.

Photo #4: Looking generally south across the Subject Property.

Photo #5: Looking generally north across the Subject Property.

Photo #6: View of the SaddleBrooke Ranch subdivision from Arizona Highway 77.
Photo #7: Pad-mounted electrical equipment adjacent to the south of the Subject Property.

Photo #8: View of large ravine to the north of the Subject Property.

Photo #9: Southwest Gas pipeline marker adjacent to the western boundary of the Subject Property.

Photo #10: Monument sign for the SaddleBrooke Ranch subdivision.
APPENDIX D:

ENVIRONMENTAL DATA BASE
Project Property: SaddleBrooke Ranch Fire Station
S. Saddlebrooke Ranch Drive & Highway
77
Oracle AZ 85623

Project No:
Report Type: Database Report
Order No: 21080500622
Requested by: ProTeX
Date Completed: August 5, 2021
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Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

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Executive Summary

Property Information:
Project Property: SaddleBrooke Ranch Fire Station
S. Saddlebrooke Ranch Drive & Highway 77 Oracle AZ 85623
Project No:
Coordinates:
  Latitude: 32.5822447
  Longitude: -110.91274788
  UTM Northing: 3,604,979.46
  UTM Easting: 508,188.92
  UTM Zone: 12S
Elevation: 3,507 FT

Order Information:
Order No: 21080500622
Date Requested: August 5, 2021
Requested by: ProTeX
Report Type: Database Report

Historicals/Products:
ERIS Xplorer
Excel Add-On
ERIS Xplorer
Excel Add-On
## Executive Summary: Report Summary

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No County databases were selected to be included in the search.

**Additional Environmental Records**

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**Tribal**

*No Tribal additional environmental record sources available for this State.*
### Database Search Results

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No County additional environmental record sources available for this State.

Total:

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* PO – Property Only
* ‘Property and adjoining properties’ database search radii are set at 0.25 miles.
Executive Summary: Site Report Summary - Project Property

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<th>Direction</th>
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No records found in the selected databases for the project property.
Executive Summary: Site Report Summary - Surrounding Properties

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No records found in the selected databases for the surrounding properties.
Executive Summary: Summary by Data Source

No records found in the selected databases for the project property or surrounding properties.
Map: 0.5 Mile Radius
Order Number: 21080500622
Address: S. Saddlebrooke Ranch Drive & Highway 77, Oracle, AZ

Source: © 2016 ESRI
© ERIS Information Inc.
Aerial Year: 2020

Address: S. Saddlebrooke Ranch Drive & Highway 77, Oracle, AZ

Source: ESRI World Imagery

Order Number: 21080500622
No records found in the selected databases for the project property or surrounding properties.
# Unplottable Summary

Total: 9 Unplottable sites

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## Unplottable Report

### Site:
- ADOT Maintenance Yard (Oracle)  
- State Route 77 mile post 99.9  
- Oracle AZ

### Details:
- **Status:** Other  
- **Approval Dt:** 11/18/1997  
- **Permit:** 3016  
- **Submitter:** SEA Engineers Inc  
- **Permit Year:** 1997  
- **Submitter Ph:** 602257-4699  

### Site:
- **US HWY ROUTE 77 ORACLE AZ**
- **Incident County:** PINAL

### HMIR Incident Reports

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erisinfo.com | Environmental Risk Information Services  
Order No: 21080500622
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM: 0
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM: 0
C1 Head Thickness: 0
C1 Head Thick UOM: 0
C1 Pkg Srv Pres.: 0
C1 Srv Press UOM: 0
C1 Valve/Device Fail?: No
C1 Device Type: 0
C1 Device Mnfr.: 0
C1 Device Model: 0
NRC No: 0

RAM Pkg Category: FALSE
RAM Pkg Cert.: 0
RAM Pkg Cert. NBR: 0
RAM Nuclide S: 0
RAM Transport Index: 0
RAM UOM: 0
RAM Activity Rpted: 0
RAM UOM Rpted: 0
RAM Activity: 0
RAM Activity UOM: 0
RAM Mat Safety: 0
Spillage Result: Yes
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: No
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report: 0
Police Report: No
Police Report No: 0
In House Cleanup: No
Other Cleanup: No
Damage > 500: No
Material Loss: 4
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 170
Damage Old Form: 0
Total Damages Amt: 174
Hazard Fatality: No
Inc. Report Prepared: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
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Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM: 0
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0
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Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions: No
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: No
Cargo Baggage: No
Ship Non Transport: No
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: SUSAN GUTHREY
Contact Title: SAFETY CLERK
Contact Business: 0
Contact Street: 0
Contact City: 0
Contact State: 0
Contact Postal: 0
Contact Non US St: 0
Contact Country: US

Description of Events:
DRIVER FAILED TO TIGHTEN DOME LID ALLOWING ACID TO LEAK INTO THE CROWS NEST AND DOWN THE DRAIN TUBES ONTO THE HIGHWAY. DRIVER WAS TERMINATED.

Site: ARIZONA DEPT OF CORRECTIONS FLORENCE PRI
   HWY 77 PO BOX 629  FLORENCE AZ 85232
EPA Handler ID: AZS000035402
Gen Status Universe: No Report

erisinfo.com | Environmental Risk Information Services
Contact Name: UNKNOWN
Contact Address: HWY 77 PO BOX 629, FLORENCE, AZ 85232, US
Contact Phone No and Ext: 602-207-2222
Contact Email:
Contact Country: US
County Name: PINAL
EPA Region: 09
Land Type:
Receive Date: 20040830
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO VIOLATIONS. All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Jun, 2021.

Evaluation Details

Evaluation Start Date: 19990628
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19990630
Handler Name: ARIZONA DEPT OF CORRECTIONS FLORENCE PRI
Source Type: Notification
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20040830
Handler Name: ARIZONA DEPT OF CORRECTIONS FLORENCE PRI
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: State
Name: ARIZONA STATE DEPT
Street No:
Street 1: HWY 77 PO BOX 629
Street 2:
**Date Became Current:**
**Date Ended Current:**
**Phone:** 602-207-2222
**Source Type:** Implementer
**Owner/Operator Ind:** Current Owner
**Type:** State
**Name:** ARIZONA STATE DEPT
**Date Became Current:**
**Date Ended Current:**
**Phone:** 602-207-2222
**Source Type:** Notification

**City:** FLORENCE
**State:** AZ
**Zip Code:** 85232

**Historical Handler Details**

**Receive Dt:** 19890630
**Generator Code Description:** Very Small Quantity Generator
**Handler Name:** ARIZONA DEPT OF CORRECTIONS FLORENCE PRI

**Site:** EL PASO NATURAL GAS CO - ORACLE COMPRESS
SOUTH OF HWY 77 @ MP 103 ORACLE AZ 85623

**EPA Handler ID:** AZE041018004
**Gen Status Universe:** No Report
**Contact Name:**
**Contact Address:** NO ADDRESS ON RECORD, , , , US
**Contact Phone No and Ext:**
**Contact Email:**
**Contact Country:** US
**County Name:** PINAL
**EPA Region:** 09
**Land Type:**
**Receive Date:**
**Location Latitude:** 20050117
**Location Longitude:**

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of Jun 2021, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

**Handler Summary**

**Importer Activity:** No
**Mixed Waste Generator:** No
**Transporter Activity:** No
**Transfer Facility:** No
**Onsite Burner Exemption:** No
**Furnace Exemption:** No
**Underground Injection Activity:** No
**Commercial TSD:** No
**Used Oil Transporter:** No
**Used Oil Transfer Facility:** No
**Used Oil Processor:** No
**Used Oil Refiner:** No
**Used Oil Burner:** No
**Used Oil Market Burner:** No
**Used Oil Spec Marker:** No

**Hazardous Waste Handler Details**

**Sequence No:** 1
**Receive Date:** 20041018
**Handler Name:** EL PASO NATURAL GAS CO ORACLE COMP ST
**Source Type:** Temporary
**Federal Waste Generator Code:** Erisinfo.com | Environmental Risk Information Services
**Order No:** 21080500622
### Hazardous Waste Handler Details

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### Owner/Operator Details

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### Historical Handler Details

| Receive Dt | 20041018 |
| Generator Code Description | |
| Handler Name | EL PASO NATURAL GAS CO ORACLE COMP ST |

### Site: Harrington Trucking

| ID | 1947 |
| County | Pinal |
|--Details-- | |
| Incident No | 91-005-B |
| Incident Dt | 1/5/1991 |
| Date Reported | 1/5/1991 |
| Quantity | 200 gals. |
| Fund Amount | Pw/Unk |
| Chemic Material | Diesel |
| Structure | Tank |
| Type | Release |
| Response Dt | N/A |
| Admin | admin |

### Site: Biosphere 2 Center

| ID | 767 |
| County | Pinal |
|--Details-- | |
| Incident No | 98-014-C |
| Incident Dt | 6/10/1997 |
| Date Reported | 8/7/1997 |
| Quantity | Unknown |
| Fund Amount | Unknown |
| Chemic Material | Oil (Unknown) |
| Structure | Generators |
| Type | Release |
| Response Dt | N/A |
| Admin | admin |

### Site: Biosphere II Center

| ID | 768 |
| County | Pinal |
|--Details-- | |
| Incident No | 97-003-D |
| Incident Dt | 1/9/1997 |
| Chemic Material | Anhydrous Ammonia |
| Structure | Chiller |
Site: Ozella Harrington Trucking
Hwy 77, MP 102-109 Oracle AZ

ID: 2845
County: Pinal

--Details--
Incident NO: 84-099
Incident Dt: 10/15/1984
Date Reported: 10/16/1984
Quantity: Unknown
Fund Amount: ADOT/Unk

Chemical: Sulfuric Acid
Type: Tanker
Structure: Release
Admin: N/A

Site: Unknown
SR 77, MP 92 Oracle Junction AZ

ID: 5162
County: Pinal

--Details--
Incident NO: 98-097-D
Incident Dt: 2/22/1998
Date Reported: 2/22/1998
Quantity: Various
Fund Amount: WQARF/3K

Chemical: Drug Lab Chemicals
Type: Jars
Structure: Release
Admin: N/A

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

**Federal**

**Formerly Utilized Sites Remedial Action Program:**

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

*Government Publication Date: Mar 4, 2017*

**National Priority List:**

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

*Government Publication Date: Apr 27, 2021*

**National Priority List - Proposed:**

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

*Government Publication Date: Apr 27, 2021*

**Deleted NPL:**

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.

*Government Publication Date: Apr 27, 2021*

**SEMS List 9R Active Site Inventory:**

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

*Government Publication Date: Mar 23, 2021*

**Inventory of Open Dumps, June 1985:**


*Government Publication Date: Jun 1985*
SEMS List 9R Archive Sites:

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Mar 23, 2021

EPA Report on the Status of Open Dumps on Indian Lands:

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS:

CERCLIS is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned:

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means 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 this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

RCRA Info 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jun 14, 2021

RCRA non-CORRACTS TSD Facilities:

RCRA Info 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. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Jun 14, 2021

RCRA Generator List:

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jun 14, 2021
**RCRA Small Quantity Generators List:**

RCRA Info is the 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

*Government Publication Date: Jun 14, 2021*

**RCRA Very Small Quantity Generators List:**

RCRA Info is the 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. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

*Government Publication Date: Jun 14, 2021*

**RCRA Non-Generators:**

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

*Government Publication Date: Jun 14, 2021*

**Federal Engineering Controls-ECs:**

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

*Government Publication Date: Feb 23, 2021*

**Federal Institutional Controls-ICs:**

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

*Government Publication Date: Feb 23, 2021*

**Land Use Control Information System:**

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

*Government Publication Date: Sep 1, 2006*

**Emergency Response Notification System:**

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

*Government Publication Date: 1982-1986*

**Emergency Response Notification System:**

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

*Government Publication Date: 1987-1989*

**Emergency Response Notification System:**

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

*Government Publication Date: Nov 9, 2020*
The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

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 protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Jan 6, 2021

FEMA Underground Storage Tank Listing:

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan:

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 2, 2020

Historical Gas Stations:

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Jul 10, 2020

Petroleum Product and Crude Oil Rail Terminals:

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Apr 28, 2020

LIEN on Property:

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: May 25, 2021

Superfund Decision Documents:

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Jun 28, 2021

State

Waste Program Remedial Projects - Superfund & DOD:

The Arizona Department of Environmental Quality (ADEQ) Waste Programs Division investigates, manages, and oversees remediation of soil and groundwater contaminated with hazardous substances. List of sites overseen by the Remedial Projects Section and/or Federal programs, including Federal DOD and Superfund sites.

Government Publication Date: Feb 10, 2021
CERCLIS Information Data System (ACIDS):
The Arizona CERCLIS Information Data System (ACIDS) list was used by the Arizona Department of Environmental Quality Superfund Programs Section (SPS) prior to July 2000. The ACIDS list consists of locations subject to investigations concerning possible contamination of soil, surface water, or groundwater under the State Water Quality Assurance Revolving Fund (WOARF) and Federal CERCLA programs. The ACIDS list has been archived and is no longer being distributed or updated. The ACIDS list has been replaced by the Arizona Superfund Program List (ASPL).
Government Publication Date: Aug 3, 1995

Water Quality Assurance Revolving Fund Sites (WOARF):
The Arizona Department of Environmental Quality (ADEQ) Water Quality Assurance Revolving Fund (WOARF) program supports the ADEQ in identifying, prioritizing, assessing, and resolving the threat of contaminated soil and groundwater sites in the state. This list of sites includes those on the WOARF Registry, sites removed from the WOARF Registry, and sites requiring remediation under the WOARF Emergency Response.
Government Publication Date: Feb 10, 2021

Delisted WOARF, Superfund, DOD:
List of sites which once appeared, but have since been removed from either the WOARF Registry, Superfund Sites, Department of Defense Sites, or Superfund Alternative Sites.
Government Publication Date: Feb 10, 2021

Directory of Solid Waste Facilities:
A list of Solid Waste Facilities and Landfill sites in the State of Arizona. This list is made available by Arizona Department of Environmental Quality, Waste Programs Division, Solid Waste Management.
Government Publication Date: Jan 14, 2020

Leaking Underground Storage Tanks:
A list of Leaking Underground Storage Tanks (LUST) sites in the state of Arizona. This list is made available by Arizona Department of Environment Quality.
Government Publication Date: Mar 4, 2021

Delisted Leaking Underground Storage Tanks:
This database contains a list of closed leaking storage tank sites that were removed from the Arizona Department of Environment Quality.
Government Publication Date: Mar 4, 2021

Underground Storage Tanks List:
A list of Underground Storage Tank sites registered with the Arizona Department of Environmental Quality (ADEQ) Waste Program Division. This list is made available by ADEQ.
Government Publication Date: Mar 11, 2021

Aboveground Storage Tanks:
List of aboveground fuel storage tanks (ASTs) made available by the State Fire Marshal’s Office. This list is of installed ASTs and does not include any AST permitted and inspected by any City, Town, County, or Fire District. This is not a complete list of storage systems in use in the State of Arizona; ASTs may have been installed and used without adequate permission from the State Fire Marshal's Office. The absence of a property from the State Fire Marshal records as a permitted tank is not proof that an AST for hazardous materials was never installed or used at a given address.
Government Publication Date: Sep 29, 2015

Exemption Certificate Renewals:
The Exemption Certificate Renewals data lists applicants that have renewed their tank certificates that will never expire from the penny underground storage tank tax. This is provided by Arizona Department of Environmental Quality.
Government Publication Date: Mar 25, 2021

Delisted Storage Tanks List:
This database contains a list of storage tank sites that were removed from the Arizona Department of Environmental Quality (ADEQ) Waste Program Division.
Government Publication Date: Mar 11, 2021

Environmental Use Restriction Sites List:
List of sites in the Arizona Department of Environmental Quality (ADEQ)’s Remediation and DEUR Tracking System (RDT) with either a Declaration of Environmental Use Restriction (DEUR) or a Voluntary Environmental Mitigation Use Restriction (VEMUR). A DEUR is 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. A VEMUR is 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 Publication Date:** May 12, 2021

**Azurite Database:**
List of sites from the Arizona Department of Environmental Quality (ADEQ) Remediation and DEUR Tracking System where the owner has elected to remediate the property without the use of an institutional or engineering control.

**Government Publication Date:** May 12, 2021

**Voluntary Remediation Program:**
A list of sites registered in Voluntary Remediation Program (VRP). This list is made available by Arizona Department of Environment Quality (ADEQ). Through ADEQ’s VRP, property owners, prospective purchasers and other interested parties investigate or clean up a contaminated site in cooperation with ADEQ.

**Government Publication Date:** Oct 21, 2020

**Brownfields Tracking System:**
A list of brownfield sites in the State of Arizona, made available by Arizona Department of Environmental Quality. Brownfields are abandoned or underutilized properties where the reuse is complicated by actual or perceived environmental contamination.

**Government Publication Date:** Oct 21, 2020

**Tribal**

**Leaking Underground Storage Tanks (LUSTs) on Indian Lands:**
LUSTs on Tribal/Indian Lands in Region 9, which includes Arizona.

**Government Publication Date:** Apr 8, 2020

**Underground Storage Tanks (USTs) on Indian Lands:**
USTs on Tribal/Indian Lands in Region 9, which includes Arizona.

**Government Publication Date:** Apr 8, 2020

**Delisted Tribal Leaking Storage Tanks:**
Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

**Government Publication Date:** Apr 14, 2020

**Delisted Tribal Underground Storage Tanks:**
Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

**Government Publication Date:** Apr 14, 2020

**County**

No County databases were selected to be included in the search.

**Additional Environmental Record Sources**

**Federal**

**PFOA/PFOS Contaminated Sites:**
List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

**Government Publication Date:** Mar 1, 2021
Facility Registry Service/Facility Index:
The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).
Government Publication Date: Nov 2, 2020

Toxics Release Inventory (TRI) Program:
The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's purposes is to inform communities about toxic chemical releases to the environment.
Government Publication Date: Feb 19, 2020

Perfluorinated Alkyl Substances (PFAS) Releases:
List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.
Government Publication Date: Feb 19, 2020

Perfluorinated Alkyl Substances (PFAS) Water Quality:
The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.
Government Publication Date: Jul 20, 2020

Hazardous Materials Information Reporting System:
US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.
Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs:
The U.S. Department of Justice ("the Department") provides this data 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.
Government Publication Date: Oct 5, 2020

Toxic Substances Control Act:
The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule. The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).
Government Publication Date: Apr 11, 2019

Hist TSCA:
The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule. The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.
Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:
Government Publication Date: Dec 31, 2006
An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:
An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:
Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Jun 25, 2021

State Coalition for Remediation of Drycleaners Listing:
The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):
The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Jun 14, 2021

Drycleaner Facilities:
A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: May 5, 2021

Delisted Drycleaner Facilities:
List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: May 5, 2021

Formerly Used Defense Sites:
Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: May 26, 2021

Former Military Nike Missile Sites:
This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4), starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 1, 1984

PHMSA Pipeline Safety Flagged Incidents:

Order No: 21080500622
A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Jul 7, 2020

**Material Licensing Tracking System (MLTS):**
A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

**Historic Material Licensing Tracking System (MLTS) sites:**
A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an “Agreement State”. An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

**Mines Master Index File:**
The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

Government Publication Date: Nov 3, 2020

**Surface Mining Control and Reclamation Act Sites:**
An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (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 Abandoned Mine Land (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.

Government Publication Date: Dec 18, 2020

**Mineral Resource Data System:**
The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS toposraphic maps.

Government Publication Date: Mar 15, 2006

**Uranium Mill Tailings Radiation Control Act Sites:**
The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRA).

Government Publication Date: Mar 4, 2017

**Alternative Fueling Stations:**
List of alternative fueling stations made available by the US Department of Energy’s Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, or Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Apr 27, 2021

**Registered Pesticide Establishments:**
List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Apr 13, 2021

**Polychlorinated Biphenyl (PCB) Notifiers:**

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Nov 19, 2020

**State**

**Hazardous Material Logbook/Spills:**
Hazardous Material Incident Logbook database made available by Arizona Department of Environmental Quality (ADEQ). This database is updated through November 15, 2001; after that date, reports were registered with the National Response Center.

Government Publication Date: Nov 15, 2001

**Dry Cleaning Facilities:**
A list of drycleaner facilities in Arizona made available by the Department of Environmental Quality (ADEQ). ADEQ last updated the data in 2006 and no further updates are planned.

Government Publication Date: Dec 31, 2006

**Per-and Polyfluoroalkyl Substances (PFAS):**
The Arizona Department of Environmental Quality (ADEQ) Waste Programs Division investigates, manages, and oversees remediation of soil and groundwater contaminated with hazardous substances. List of sites overseen by the Remedial Projects Section and/or Federal programs, including Federal DOD and Superfund sites, where the contaminant or potential contaminant of concern is a Per- or polyfluorinated alkyl substances (PFAS).

Government Publication Date: Feb 10, 2021

**Air Permits Major/Minor Sources:**
A list of Arizona operating air permits major and minor sources. A “major” source is any source that has the potential to emit 100 tons per year of any criteria air pollutant and if it has the potential to emit 10 tons per year of any single Hazardous Air Pollutant or 25 tons per year of any combination of Hazardous Air Pollutants. This list is provided by the Department of Environmental Quality.

Government Publication Date: Nov 4, 2020

**Drywell Database:**
The Drywell database contains information regarding drywells in Arizona. This database is maintained by the Arizona Department of Environmental Quality (ADEQ).

Government Publication Date: Apr 12, 2021

**Historical Drywells:**
Historical listing of registered drywells once maintained and made available by the Arizona Department of Environmental Quality (ADEQ) Water Quality Division. As of May 2018, ADEQ stopped accepting paper forms and will no longer be updating this list.

Government Publication Date: Aug 6, 2018

**Drug Lab Remediation:**
Arizona State Board of Technical Registration maintains a list of drug lab remediation. This is a list of seized drug laboratory sites or sites where drug manufacturing chemicals were seized. Remediated sites are removed from this list when the Board receives clean up notification from a certified clean up firm.

Government Publication Date: Sep 03, 2013

**Clandestine Drug Labs:**
A list of unremediated seized clandestine drug laboratory sites or sites where drug manufacturing chemicals were seized. This list is made available by Arizona State Board of Technical Registration.

Government Publication Date: Jan 22, 2019

**Tier 2 Chemical Inventory Reporting:**
List of facilities that report to the Arizona Emergency Response Commission (AZSERC) for Tier II Chemical Inventory Reporting. AZSERC is tasked with the implementation of the Emergency Planning and Community Right to Know Act (EPRCA) in Arizona. As of 2016, the Arizona Emergency Response Commission (AZSERC) is overseen by Arizona Department of Environmental Quality (ADEQ).

Government Publication Date: Dec 31, 2016
**Biohazardous Medical Waste Facilities:**

This list of biohazardous medical waste facilities is maintained by the Arizona Department of Environmental Quality (ADEQ) Waste Programs Division. This list includes: Biohazardous Medical Waste Disposal Facilities, Biohazardous Medical Waste Treatment Facilities, Biohazardous Medical Waste Storage & Transfer Facilities, Registered Biohazardous Medical Waste Transporters, and Registered Alternative Biohazardous Medical Waste Treatment Technologies. Biohazardous medical waste is medical waste that is composed of one or more of the following: cultures and stocks; human blood and blood products; human pathologic wastes; medical sharps; and research animal wastes. The Arizona Department of Environmental Quality adopted specific rules for handling biohazardous medical waste and discarded drugs. Non-biohazardous medical waste is handled as solid waste.

**Government Publication Date:** Jul 7, 2020

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**Tribal**

No Tribal additional environmental record sources available for this State.

**County**

No County additional environmental record sources available for this State.
Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation.

**Executive Summary:** This portion of the report is divided into 3 sections:

'**Report Summary**'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'**Site Report Summary**'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'**Site Report Summary-Surrounding Properties**'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.
Property Information

Order Number: 20200317197p
Date Completed: March 17, 2020
Project Number: 
Project Property: SaddleBrooke Ranch Fire Station
SaddleBrooke Ranch Fire Station @ SaddleBrooke Ranch Dr. & AZ-77 Oracle AZ
Coordinates:
  - Latitude: 32.58222816
  - Longitude: -110.91275111
  - UTM Northing: 3604977.62432 Meters
  - UTM Easting: 508188.623233 Meters
  - UTM Zone: UTM Zone 12S
  - Elevation: 3,506.76 ft
  - Slope Direction: WNW

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The ERIS Physical Setting Report - PSR provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.
Current USGS Topo

Quadrangle(s): Oracle Junction, AZ

Source: USGS 7.5 Minute Topographic Map
Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

- Elevation: 3,506.76 ft
- Slope Direction: WNW
Wetland

This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine
Hydrologic Information

Flood Hazard Zones
This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

- **A**: X
- **A99**: V
- **AE**: VE
- **AH**: D
- **AO**: OPEN WATER
- **NOT POPULATED**: AREA NOT INCLUDED

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.

Available FIRM Panels in area: 04021C2475E(effective:2007-12-04)

---

Flood Zone X-12
Zone: X
Zone subtype: AREA OF MINIMAL FLOOD HAZARD
Geologic Information

Geologic Units

This map shows geologic units in the area. Please refer to the report for detailed descriptions.
# Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

<table>
<thead>
<tr>
<th>Geologic Unit Tsy</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit Name:</strong></td>
<td>Pliocene to middle Miocene deposits</td>
</tr>
<tr>
<td><strong>Unit Age:</strong></td>
<td>Middle Miocene to Pliocene</td>
</tr>
<tr>
<td><strong>Primary Rock Type:</strong></td>
<td>conglomerate</td>
</tr>
<tr>
<td><strong>Secondary Rock Type:</strong></td>
<td>sandstone</td>
</tr>
<tr>
<td><strong>Unit Description:</strong></td>
<td>Moderately to strongly consolidated conglomerate and sandstone deposited in basins during and after late Tertiary faulting. Includes lesser amounts of mudstone, siltstone, limestone, and gypsum. These deposits are generally light gray or tan. They commonly form high rounded hills and ridges in modern basins, and locally form prominent bluffs. Deposits of this unit are widely exposed in the dissected basins of southeastern and central Arizona. (2-16 Ma)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Geologic Unit Qo</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unit Name:</strong></td>
<td>Early Pleistocene to latest Pliocene surficial deposits</td>
</tr>
<tr>
<td><strong>Unit Age:</strong></td>
<td>Late Pliocene to Early Pleistocene</td>
</tr>
<tr>
<td><strong>Primary Rock Type:</strong></td>
<td>gravel</td>
</tr>
<tr>
<td><strong>Secondary Rock Type:</strong></td>
<td>sand</td>
</tr>
<tr>
<td><strong>Unit Description:</strong></td>
<td>Coarse relict alluvial fan deposits that form rounded ridges or flat, isolated surfaces that are moderately to deeply incised by streams. These deposits are generally topographically high and have undergone substantial erosion. Deposits are moderately to strongly consolidated, and commonly contain coarser grained sediment than younger deposits in the same area. (0.75-3 Ma)</td>
</tr>
</tbody>
</table>
SSURGO Soils

This map shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.
The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

### Map Unit 6 (2.97%)
- **Map Unit Name:** Bodecker- Riverwash complex, 0 to 5 percent slopes
- **Bedrock Depth - Min:** null
- **Water table Depth - Annual Min:** null
- **Drainage Class - Dominant:** Excessively drained
- **Hydrologic Group - Dominant:** A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below
- **Bodecker (55%)**
  - horizon C1 (0cm to 10cm)
  - horizon C2 (10cm to 86cm)
  - horizon C3 (86cm to 152cm)
- **Gravely coarse sand**
- **Very gravelly coarse sand**

### Map Unit 88 (94.99%)
- **Map Unit Name:** Sasabe-Stronghold complex, 1 to 15 percent slopes
- **Bedrock Depth - Min:** null
- **Water table Depth - Annual Min:** null
- **Drainage Class - Dominant:** Well drained
- **Hydrologic Group - Dominant:** C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below
- **Sasabe (45%)**
  - horizon A (0cm to 5cm)
  - horizon Bt1 (5cm to 38cm)
  - horizon Bt2 (38cm to 112cm)
  - horizon Btk (112cm to 152cm)
- **Stronghold (35%)**
  - horizon A (0cm to 5cm)
  - horizon Bk1 (5cm to 43cm)
  - horizon Bk2 (43cm to 104cm)
  - horizon Bk3 (104cm to 152cm)
- **Sandy loam**
- **Clay loam**
- **Clay**
- **Gravely loam**
- **Gravely sandy loam**

### Map Unit 91 (2.04%)
- **Map Unit Name:** Selevin-Tombstone-Saddlebrook complex, 3 to 45 percent slopes
- **Bedrock Depth - Min:** null
- **Water table Depth - Annual Min:** null
- **Drainage Class - Dominant:** Well drained
- **Hydrologic Group - Dominant:** C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below
- **Tombstone (35%)**
## Soil Information

<table>
<thead>
<tr>
<th>Horizon</th>
<th>Soil Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (0cm to 8cm)</td>
<td>Very gravelly sandy loam</td>
</tr>
<tr>
<td>Bk1 (8cm to 69cm)</td>
<td>Very gravelly sandy loam</td>
</tr>
<tr>
<td>Bk2 (69cm to 152cm)</td>
<td>Very gravelly sandy loam</td>
</tr>
<tr>
<td>Selevin (35%)</td>
<td></td>
</tr>
<tr>
<td>A (0cm to 10cm)</td>
<td>Gravelly sandy clay loam</td>
</tr>
<tr>
<td>Bt (10cm to 38cm)</td>
<td>Very gravelly clay</td>
</tr>
<tr>
<td>Btk1 (38cm to 64cm)</td>
<td>Extremely gravelly clay</td>
</tr>
<tr>
<td>Btk2 (64cm to 152cm)</td>
<td>Extremely gravelly sandy clay loam</td>
</tr>
<tr>
<td>Saddlebrook (20%)</td>
<td></td>
</tr>
<tr>
<td>A (0cm to 5cm)</td>
<td>Loam</td>
</tr>
<tr>
<td>Bt (5cm to 23cm)</td>
<td>Clay</td>
</tr>
<tr>
<td>Btk (23cm to 41cm)</td>
<td>Clay</td>
</tr>
<tr>
<td>Bkm (41cm to 152cm)</td>
<td>Cemented material</td>
</tr>
</tbody>
</table>
Wells and Additional Sources Summary

**Federal Sources**

Public Water Systems Violations and Enforcement Data

<table>
<thead>
<tr>
<th>Map Key</th>
<th>ID</th>
<th>Distance (ft)</th>
<th>Direction</th>
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<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>
| No records found

Safe Drinking Water Information System (SDWIS)

<table>
<thead>
<tr>
<th>Map Key</th>
<th>ID</th>
<th>Distance (ft)</th>
<th>Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| No records found

USGS National Water Information System

<table>
<thead>
<tr>
<th>Map Key</th>
<th>ID</th>
<th>Distance (ft)</th>
<th>Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| No records found

**State Sources**

Drywell Database

<table>
<thead>
<tr>
<th>Map Key</th>
<th>ID</th>
<th>Distance (ft)</th>
<th>Direction</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| No records found

Oil and Gas Wells

<table>
<thead>
<tr>
<th>Map Key</th>
<th>ID</th>
<th>Distance (ft)</th>
<th>Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| No records found

Wells 55 Registry

<table>
<thead>
<tr>
<th>Map Key</th>
<th>Registry ID</th>
<th>Distance (ft)</th>
<th>Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>208826</td>
<td>663.55</td>
<td>NW</td>
</tr>
<tr>
<td>1</td>
<td>582091</td>
<td>663.55</td>
<td>NW</td>
</tr>
<tr>
<td>1</td>
<td>582685</td>
<td>663.55</td>
<td>NW</td>
</tr>
<tr>
<td>1</td>
<td>579476</td>
<td>663.55</td>
<td>NW</td>
</tr>
<tr>
<td>1</td>
<td>209389</td>
<td>663.55</td>
<td>NW</td>
</tr>
</tbody>
</table>
# Wells and Additional Sources Detail Report

## Wells 55 Registry

<table>
<thead>
<tr>
<th>Map Key</th>
<th>Direction</th>
<th>Distance (mi)</th>
<th>Distance (ft)</th>
<th>Elevation (ft)</th>
<th>DB</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>NW</td>
<td>0.13</td>
<td>663.55</td>
<td>3,485.70</td>
<td>WELLS</td>
</tr>
</tbody>
</table>

- Registry ID: 208826
- Rgr Pump D: NO
- Well Type: NON-EXEMPT - SERVICE
- Well Type2: NON-EXEMPT
- DLIC No:
- Approved: 0
- Installed: 0
- Well Depth: 0
- Water Level: 0
- Casing Depth: 0
- Casing Diameter: 0
- Casing Type: Quarter 10
- Pump Type: Q Acre 10 Dir
- Pump Power: UTM X Meter: 507981.7
- Pump Rate: 0
- Tested Rate: 0
- Draw Down: 0
- Completion: Address1: 3805 N BLACK CANYON HIGHWAY
- Drill Log: City: PHOENIX
- Well Cance: Yes
- Cadastral: D10014008AAA
- County: Zip:
- Watershed: Zip4: 9006
- Basin Name: Latitude: 32.5836183268757
- Sub Basin Name: Longitude: -110.914965274947
- AMA Description: Program:
- Quad Code: Owner Name: ARIZONA WATER COMPANY

---

<table>
<thead>
<tr>
<th>Map Key</th>
<th>Direction</th>
<th>Distance (mi)</th>
<th>Distance (ft)</th>
<th>Elevation (ft)</th>
<th>DB</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>NW</td>
<td>0.13</td>
<td>663.55</td>
<td>3,485.70</td>
<td>WELLS</td>
</tr>
</tbody>
</table>

- Registry ID: 582091
- Rgr Pump D: NO
- Well Type: NON-EXEMPT - NON-SERVICE
- Well Type2: NON-EXEMPT
- DLIC No:
- Approved: 0
- Installed: 0
- Well Depth: 0

---
Wells and Additional Sources Detail Report

Water Level: 0
Casing Depth: 0
Casing Diameter: 0
Casing Type: Quarter 10:
Pump Type: Q Acre 10 Dir:
Pump Power: UTM X Meter: 507981.7
Pump Rate: 0
UTM Y Meter: 3605131
Tested Rate: 0
Application: 998006400000
Draw Down: 0
Address1:
Completion: Address2:
Drill Log: City:
Well Cance: Yes
State:
Cadastral: D10014008AAA
Zip:
County: Zip4:
Watershed: Latitude: 32.5836183268757
Basin Name: Longitude: -110.914965274947
Sub Basin Name: Program:
AMA Description: Owner Name:

Map Key

<table>
<thead>
<tr>
<th>Direction</th>
<th>Distance (mi)</th>
<th>Distance (ft)</th>
<th>Elevation (ft)</th>
<th>DB</th>
</tr>
</thead>
<tbody>
<tr>
<td>NW</td>
<td>0.13</td>
<td>663.55</td>
<td>3,485.70</td>
<td>WELLS</td>
</tr>
</tbody>
</table>

Registry ID: 562685
Rgr Pump D: NO
Well Type: NON-EXEMPT - NON-SERVICE
Well Type2: NON-EXEMPT
DLIC No: Half Range:
Approved: 0
Installed: 0
Well Depth: 0
Quarter 16:
Water Level: 0
Q Acre 160 Dir:
Casing Depth: 0
Quarter 40:
Casing Diameter: 0
Q Acre 40 Dir:
Casing Type: Quarter 10:
Pump Type: Q Acre 10 Dir:
Pump Power: UTM X Meter: 507981.7
Pump Rate: 0
UTM Y Meter: 3605131
Tested Rate: 0
Application: 998006400000
Draw Down: 0
Address1:
Completion: Address2:
Drill Log: City:
Well Cance: Yes
State:
Cadastral: D10014008AAA
Zip:
County: Zip4:
Watershed: Latitude: 32.5836183268757
## Wells and Additional Sources Detail Report

<table>
<thead>
<tr>
<th>Map Key</th>
<th>Direction</th>
<th>Distance (mi)</th>
<th>Distance (ft)</th>
<th>Elevation (ft)</th>
<th>DB</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>NW</td>
<td>0.13</td>
<td>663.55</td>
<td>3,485.70</td>
<td>WELLS</td>
</tr>
</tbody>
</table>

Registry ID: 579476
Rgr Pump D: NO
Well Type: NON-EXEMPT - NON-SERVICE
Well Type2: NON-EXEMPT
DLIC No:
Approved: 0
Installed: 0
Well Depth: 0
Water Level: 0
Casing Depth: 0
Casing Diameter: 0
Casing Type: 0
Pump Type: Q Acre 10 Dir:
Pump Power: UTM X Meter: 507981.7
Pump Rate: 0
Tested Rate: 0
Draw Down: 0
Completion: 0
Drill Log: 0
Well Canc: Yes
Cadastral: D10014008AAA
County: Zip:
Watershed: Latitude: 32.5836183268757
Basin Name: Longitude: -110.914965274947
Sub Basin Name: Program:
AMA Description: Owner Name:

<table>
<thead>
<tr>
<th>Map Key</th>
<th>Direction</th>
<th>Distance (mi)</th>
<th>Distance (ft)</th>
<th>Elevation (ft)</th>
<th>DB</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>NW</td>
<td>0.13</td>
<td>663.55</td>
<td>3,485.70</td>
<td>WELLS</td>
</tr>
</tbody>
</table>

Registry ID: 209389
Rgr Pump D: YES
Well Type: NON-EXEMPT - SERVICE
Well Type2: NON-EXEMPT
DLIC No:
Approved: 1135728000000
Installed: 1141862400000

erisinfo.com | Environmental Risk Information Services | Order No: 20200317197p
Wells and Additional Sources Detail Report

Well Depth: 1200
Water Level: 520
Casing Depth: 1200
Casing Diameter: 17
Casing Type:
Pump Type:
Pump Power:
Pump Rate: 0
Tested Rate: 0
Draw Down: 0
Completion:
Drill Log: X
Well Cance:
Cadastral: D10014008AAA
County:
Watershed:
Basin Name:
Sub Basin Name:
AMA Description:
Quad Code:
Quarter 16:
Q Acre 160 Dir:
Quarter 40:
Q Acre 40 Dir:
Quarter 10:
Q Acre 10 Dir:
UTM X Meter: 507981.7
UTM Y Meter: 3605131
Application: 1130716800000
Address1: 3805 N BLACK CANYON HIGHWAY
City: PHOENIX
State: AZ
Zip:
Zip4: 9006
Latitude: 32.5836183268757
Longitude: -110.914965274947
Owner Name: ARIZONA WATER COMPANY
This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for PINAL County: 2

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L  
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L  
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for PINAL County

<table>
<thead>
<tr>
<th>Measure</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Measures/Homes:</td>
<td>33</td>
</tr>
<tr>
<td>Geometric Mean:</td>
<td>0.9</td>
</tr>
<tr>
<td>Arithmetic Mean:</td>
<td>1.5</td>
</tr>
<tr>
<td>Median:</td>
<td>1.2</td>
</tr>
<tr>
<td>Standard Deviation:</td>
<td>1.2</td>
</tr>
<tr>
<td>Maximum:</td>
<td>4.4</td>
</tr>
<tr>
<td>% &gt;4 pCi/L:</td>
<td>6</td>
</tr>
<tr>
<td>% &gt;20 pCi/L:</td>
<td>0</td>
</tr>
</tbody>
</table>

Notes on Data Table:  
TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of Arizona conducted during 1987-88. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.
Appendix

Federal Sources

**FEMA National Flood Hazard Layer**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

**Indoor Radon Data**

Indoor radon measurements tracked by the Environmental Protection Agency (EPA) and the State Residential Radon Survey.

**Public Water Systems Violations and Enforcement Data**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA’s Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

**Radon Zone Level**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

**Safe Drinking Water Information System (SDWIS)**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

**Soil Survey Geographic database**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

**U.S. Fish & Wildlife Service Wetland Data**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

**USGS Current Topo**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

**USGS Geology**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

**USGS National Water Information System**

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

State Sources

**Drywell Database**

The Drywell database contains information regarding drywells in Arizona. This database is maintained by

[erisinfo.com](http://erisinfo.com) Environmental Risk Information Services
the Arizona Department of Environmental Quality (ADEQ).

**Oil and Gas Wells**

List of Oil and Gas wells in the State of Arizona that have been permitted by the State Oil and Gas Conservation Commission (OGCC). Gas wells include natural gas, helium, and carbon dioxide wells. This data was provided by Arizona Geological Survey.

**Wells 55 Registry**

The Wells 55 Registry lists wells registered in the state, including NOIs to drill, modify, abandon, or deepen, registrations, driller reports, completion reports, change of well information, change of ownership, notice of well capping, and abandonment completion reports. The database was created in 1980 to store registration information submitted by well owners and drillers. Data made available by the Arizona Department of Water Resources.
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Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

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APPENDIX E:

ENVIRONMENTAL PROFESSIONAL QUALIFICATIONS
Sarah M. Berger,
Environmental Consultant

EXPERIENCE
Ms. Berger has worked for the U.S. Forest Service as a Forestry Technician performing naturalization and rehabilitation to public lands. She has signed on with ProTeX working with the Environmental and Field departments aiding with Environmental Site Assessments (ESAs) and Soils and Aggregate material testing.

EDUCATION
Bachelor of Science, Earth Science and Sustainability
University of Illinois, Urbana-Champaign, Illinois, 2020

Ritchie A. Bump,
Director of Environmental Services
Environmental Professional

EXPERIENCE
Mr. Bump has been in the environmental consulting and contracting industry for more than 21 years. He has conducted hundreds of Phase I ESAs, Phase II ESAs, and other types of environmental sampling, including soil, soil vapor, and groundwater.

EDUCATION
Bachelor of Science, Chemical Engineering
Kansas State University, Manhattan, Kansas, 1999