

PHASE I ENVIRONMENTAL SITE ASSESSMENT

~36 ACRES VACANT LAND

Southeast of Thornton Road & Ash Avenue
Casa Grande, Arizona 85122

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**This report was prepared by me
or under my direct supervision.**



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EXECUTIVE SUMMARY

The McGovern Group, LLC (“TMG”) has completed a Phase I Environmental Site Assessment (ESA) of ~36-acres of vacant land located southeast of Thornton Road and Ash Avenue in Casa Grande, Arizona 85122 (the Property). The Property is fallow agricultural land.

This Phase I ESA was performed in conformance with the scope and limitations of ASTM E 1527-13. The assessment was performed to identify conditions indicative of releases and threatened releases of hazardous substances, pollutants, contaminants, and petroleum and petroleum products in, on, or at the Property. These issues are considered recognized environmental conditions (RECs). Any exceptions to, or deletions from, the ASTM Practice are described in **Section 2.2** of this report.

Property and Vicinity Description

The Property consists of ~36-acres of vacant land. The Property consists of two (2) adjoining parcels of fallow agricultural land. Groundcover on the Property consisted of bare soils. A soil lined irrigation canal was observed along the northeastern Property boundary. The Property is bound along the western boundary by Thornton Road, to the north by Ash Avenue, bound to the east by vacant land, and bound to the south by a dirt access road.

Current off-site activities include commercial warehouse facilities and vacant land. The I-8 Freeway is located approximately 3 miles south of the Property. The I-10 Freeway is located approximately 4.75 miles east of the Property. Thornton Road is located to the west of the Property followed by a large warehouse facility and vacant land. Ash Avenue is located north of the Property followed by a warehouse facility and vacant land. Fallow agricultural land is located to the east of the Property. A Walmart Distribution facility and fallow agricultural land is located to the south of the Property. The Casa Grande Canal is located approximately 1 mile west and 2 miles south of the Property. The Gila River is located approximately 15 miles to the east-northeast of the Property. The Picacho Reservoir is located approximately 16 miles east of the Property. Access to the Property was provided via Thornton Road, west of the Property.

Property History

The earliest historical information obtained for the Property was a 1922 topographic map of the Casa Grande area in which the Property appeared as vacant land. Thornton Road can be observed as a dirt road, west of the Property. A 1936 aerial photograph shows the Property as agricultural fields. A dirt road and wells can be observed north and east of the Property. Several farm homes can be seen west, northwest and northeast of the Property. Around 1961 tracks can be seen running through the southeastern portion of the Property and to the adjacent property to the south. Around 2003, the Property appears vacant with the agricultural fields becoming fallow. Additionally in 2003, the development of the Walmart Distribution facility located south of the Property can be observed. Around 2007, construction of the Daisy Brand facility located north of the Property can be observed. In 2019, the development of the LKQ Corporation facility located west of the Property can be observed. It appears that the Property has been utilized as agricultural fields or fallow and vacant from at least 1936 to present.



Property Physical Setting

The Property is in the northwest portion of the Eloy Sub-basin of the Pinal Active Management Area. The elevation at the Property is approximately 1,393 feet. The regional topographic gradient is down to the northwest. The Property is located about 1 mile east and 2 miles south of the Casa Grande Canal and approximately 15 miles southwest of the Gila River. The depth to groundwater in the project area is between 40 and 85 feet, and the general direction of groundwater flow is towards the southwest.

Regulatory Databases

TMG conducted an evaluation of regulatory databases to determine if facilities or sites that have reported incidents involving hazardous materials were located on or within the ASTM-defined search distances from the Property. The Property was not identified on any of the regulatory databases identified in ASTM Standard E1527-13.

In addition to the ASTM Standard databases, TMG also searches other available databases which could identify potential environmental concerns. A review of the additional databases did not identify any sites of concern on the Property or within the search radius.

Environmental Professional Statement

I, Jennifer McMorran, do declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional (EP) as defined in § 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Qualifications of the EP's that prepared and reviewed this report are included in **Appendix G**.

Findings and Conclusions

TMG has performed a Phase I ESA of the Property in general conformance with the scope and limitations of the ASTM Standard Practice E 1527-13. The following summarizes our findings and conclusions regarding Recognized Environmental Conditions, Controlled Recognized Environmental Conditions, Historical Recognized Environmental Conditions and De Minimis Conditions identified at the Property during the course of the Phase I ESA.

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 risk 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 Property and has been addressed to the satisfaction of the applicable regulatory authority without subjecting the 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.

- The Property has been utilized as agricultural fields from at least 1936 to present. The use of agricultural chemicals has most likely occurred on the Property. The assumed chemical use on the Property is considered an environmental concern due to the potential for site soils to have been impacted with pesticides or other chemicals routinely used in agricultural production. If the Property is to be developed as a school or day care facility in the future, further investigations would be recommended.

TMG has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of ~36-acres of vacant land located southeast of Thornton Road and Ash Avenue in Casa Grande, Arizona 85122 (the Property). Any exceptions to, or deletions from, the ASTM Practice are described in **Section 2.2** of this report.

No recognized environmental conditions have been identified in connection with the Property.



1 INTRODUCTION

The McGovern Group, LLC (“TMG”) has completed a Phase I Environmental Site Assessment (ESA) of ~36-acres of vacant land located southeast of Thornton Road and Ash Avenue in Casa Grande, Arizona 85122 (the Property). The Property is fallow agricultural land.

Information, conclusions and recommendations described in this report apply to conditions existing at certain locations when services were performed and are intended only for the specific purposes, locations, time frames and project parameters indicated. The McGovern Group cannot be responsible for the impact of any changes in environmental standards, practices or regulations after performance of services.

Services performed by TMG were conducted in general conformance with the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments, Phase I Environmental Site Assessment Process designation E 1527-13. This report presents the information obtained by TMG during the course of this Phase I ESA.

2 SCOPE OF WORK

TMG’s objective for this environmental assessment was to identify conditions indicative of releases and threatened releases of hazardous substances, pollutants, contaminants, petroleum and petroleum products, and controlled substances on, at, in, or to the Property.

The assessment provided herein was based on the following:

- Current and past Property uses and occupancies;
- Current and past uses of hazardous substances;
- Waste management and disposal activities that could have caused releases or threatened releases of hazardous substances;
- Current and past corrective actions and response activities undertaken to address past and on-going releases of hazardous substances;
- Engineering controls;
- Institutional controls; and
- Evaluation of properties adjoining or located nearby the Property that have environmental conditions that could have resulted in conditions indicative of releases or threatened releases of hazardous substances to the Property.

Completion of a Phase I ESA in accordance with ASTM E1527-13 satisfies the requirement for making “all appropriate inquiry” into the previous ownership and uses of a property consistent with good commercial or customary practice. Completion of a Phase I ESA in accordance with the requirements of ASTM-E1527-13 generally qualifies an owner Landowner Liability Protections provided by Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). The objective of the Phase I ESA is to identify evidence of Recognized Environmental Conditions, Controlled Recognized Environmental Conditions, Historical



Recognized Environmental Conditions and De Minimis Conditions identified at the Property as defined in ASTM E1527-13 and summarized below:

- "Recognized Environmental Condition" - The presence or likely presence of any hazardous substance or petroleum products in, on, 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.
- "Controlled Recognized Environmental Condition" - A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk based criteria established by regulatory authority, allowing hazardous substances or petroleum products to remain in place subject to implementation of required controls.
- "Historical Recognized Environmental Condition" - A past release of any hazardous substances or petroleum products that has occurred in connection with a property and has been addressed to the satisfaction of the applicable regulatory authority without subjecting a property to any required controls.
- "De Minimis Conditions" - 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.

2.1 SERVICES

The scope of work conducted by TMG for this Phase I ESA includes the following items:

- Review of a computer-generated regulatory database search provided by Environmental Risk Information Services (ERIS) to determine if environmental concerns or recognized environmental conditions have been identified for the Property or within the project area;
- Contacts with state, county and local regulatory agencies to determine if any environmental concerns or recognized environmental conditions have been reported for the Property or within the project area;
- A review of available historical documents, aerial photographs and other data obtained from private and municipal sources, to assess previous land uses on and near the Property;
- Review of previous environmental reports, building plans, drawings, surveys and other documents concerning the Property;
- Interviews with persons knowledgeable of past and present activities on the Property;
- A walk-over survey to identify any readily apparent environmental concerns or recognized environmental conditions on the Property or adjacent parcels and;
- Preparation and submittal of a report summarizing the findings of the Phase I ESA.



This assessment is limited to the standards set forth in ASTM Standard Practice E 1527-13. This assessment specifically excludes assessment of the following:

- Asbestos and asbestos-containing building materials;
- Biological agents;
- Cultural and historical resources;
- Ecological resources;
- Endangered species
- Health and safety;
- Indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment;
- Industrial hygiene;
- Lead-Based Paint;
- Lead in Drinking Water;
- Mold;
- Radon;
- Regulatory compliance; and
- Wetlands.

2.2 ADDITIONAL SERVICES/ DEVIATIONS

This assessment is limited to the standards set forth in ASTM Standard Practice E 1527-13. There were no exceptions to or deletions from this standard. This Phase I ESA does not include a comprehensive compliance analysis regarding local, state or federal environmental laws, rules or regulations. The following sections discuss the information obtained for this project and **Section 9.0** presents our findings and conclusions.

2.3 EXPLANATION OF DATA GAPS

Data gaps are defined by ASTM E 1527-13 as a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice. Data failure is one type of data gap resulting when all the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. No significant data gaps were encountered during the preparation of this report.

2.4 USER RELIANCE

Reliance upon the final work product shall be limited to specified parties so designated in this report. This report was prepared exclusively for use by Orchard Partners, LLC.



3 SITE DESCRIPTION AND RECONNAISSANCE

3.1 LOCATION AND LEGAL DESCRIPTION

The Property is located east of Thornton Road and south of Ash Avenue., in Casa Grande, Arizona 85122. The Property is listed as agricultural and vacant land parcels and consists of Pinal County Assessor parcel numbers 507-12-011P and 507-12-011Q. The parcels are owned by Thornton & Ash, LLC.

The Property is bound on the north by Ash Avenue followed by a Daisy Brand warehouse, to the south by a Walmart Distribution facility and fallow agricultural land, to the west by Thornton Road followed by LKQ Corporation and vacant land, and to the east by fallow agricultural land. The groundcover at the Property is bare soils.

The Property is located within the southwest quarter of Section 30, Township 6 South, Range 6 East, Pinal County, Arizona. Maps and figures are included at the end of this report. **Figure 1** identifies the Property location, and **Figure 2** identifies the approximate Property boundaries and conditions on a recent aerial photograph.

3.2 PROPERTY DEVELOPMENT AND USE

Ms. Jennifer McMorran, an Environmental Professional (EP) with TMG, performed a site visit and reconnaissance on December 19, 2022. Ms. McMorran was unaccompanied during the site visit. The reconnaissance involved visual observations of all accessible areas of the Property and adjacent properties. The descriptions herein are based on observations made during the site visit. Representative site photographs are included in **Appendix A**.

3.2.1 Development

The Property consists of approximately 36 acres vacant land. Dirt lined irrigation ditches were observed along the northeastern boundary. A dirt access road was observed along the southern Property boundary.

3.2.2 Use

The Property is fallow agricultural land.

3.3 UTILITY SERVICES

There are currently no utilities at the Property however Electric District #2 provides electricity to the project area. Water services are provided by the Arizona Water Company, sewer services are provided by City of Casa Grande, and natural gas is provided by Southwest Gas.



3.4 STORAGE TANKS

3.4.1 Aboveground Storage Tanks

No aboveground storage tanks (ASTs) were observed at the Property. A building to the south of the Property at the Walmart Distribution facility was observed to have a NFPA hazard sign for diesel fuel posted on the door of the building. However, no ASTs were observed at the building.

3.4.2 Underground Storage Tanks

No underground storage tanks (USTs) were observed at the Property.

3.5 CHEMICALS, HAZARDOUS SUBSTANCES OR PETROLEUM PRODUCTS

No storage of chemicals, hazardous substances or petroleum products were observed at the Property.

3.6 MECHANICAL SYSTEMS

3.6.1 Back-up Power Generation

No back-up power generation units were observed at the Property. Two (2) large exhaust stacks were observed at a small building to the south of the Property at the Walmart Distribution facility. However, no back-up power generators were observed outside of the building.

3.6.2 Cooling Towers

No cooling towers were observed at the Property.

3.6.3 Elevators, Lifts and Compactors

No elevators, lifts or compactors were observed at the Property.

3.6.4 Drains, Floor Drains, Sumps, and Interceptors

No drains, floor drains, sumps or interceptors were observed on the Property.

3.7 STRESSED VEGETATION, STAINED SOIL/PAVEMENT & UNUSUAL ODORS

No stressed vegetation, significantly stained soil or pavement, or unusual odors were observed at the Property.

3.8 LANDFILLS, DUMPS, DEBRIS PILES AND SOLID WASTE

No landfills, dumps, debris piles or solid waste were observed on the Property.

3.9 WASTEWATER SYSTEMS, PITS, PONDS, OR SUMPS

No wastewater systems, pits, ponds, or sumps were observed at the Property.

3.10 WELLS

No wells were observed or reported to be located on the Property.



3.11 STORMWATER DRAINAGE, DRYWELLS AND RETENTION AREAS

Stormwater at the Property generally appears to be absorbed into the soil. Dirt lined irrigation ditch associated with agricultural practices was observed on the northeastern side of the Property. No drywells or retention areas were observed at the Property. Several stormwater retention areas were observed to the south of the Property. No environmental concerns were observed to be associated with stormwater at the Property. No evidence was observed that stormwater runoff from adjacent sites has adversely impacted the Property.

3.12 POLYCHLORINATED BIPHENYLS (PCBs)

No potential sources of PCBs were observed on the Property.

3.13 ADJACENT SITES

As part of TMG's site assessment, a visual reconnaissance of the properties adjoining the Property was conducted. Major roadways/properties that adjoin the Property are as follows:

- North – Ash Avenue, Daisy Brand warehouse (752 W. Ash Ave) and vacant land.
- South – A dirt access road followed by a Walmart Distribution facility (60 S. Thornton Road).
- East – Fallow agricultural fields, followed by a commercial building (749 W. Ash Ave).
- West – Thornton Road followed by LKQ Corporation (37 S. Thornton Road).

TMG viewed the adjoining properties from the Property and/or public roadways for visual evidence of significant chemical storage, improper waste disposal, or other indications of adverse environmental conditions. No indications of potential recognized environmental conditions or other environmental concerns which would adversely affect the Property were observed.

4 SITE SETTING

4.1 TOPOGRAPHIC

The United States Geological Survey (USGS), Chuichu, Arizona, topographic map of the project area was reviewed. The Property is in the southwest quarter of Section 30, Township 6 South, Range 6 East. The elevation at the Property is about 1,393 feet. The regional topographic gradient is down to the northwest. The Property is located approximately 1 mile east and 2 miles south of the Casa Grande Canal, approximately 15 miles southwest of the Gila River and approximately 16.5 miles west of the Picacho Reservoir.



4.2 REGIONAL GEOLOGY, HYDROLOGY AND SOILS

The Property is in the northwest portion of the Eloy sub basin of the Pinal Active Management Area (Rascona, 2006). The Pinal Active Management Area (AMA) is in south-central Arizona. The area is characterized by alluvial filled basins separated by elongated mountain ranges. The primary drainages include the Gila and Santa Cruz Rivers, Aguirre, Santa Rosa, and Vekol Washes. The Gila River is limited to ephemeral flow due to dams and diversions. Subsurface sediments in the Pinal AMA consists of alluvial deposits underlain by consolidated alluvium and crystalline rocks. The area is bounded by mountains consisting of crystalline and minor sedimentary rocks that are more than several thousand feet thick in parts of the basin. (Cattany, R.E. and Hardt, W.F., 1965) The depth to bedrock in the project area is estimated to be more than 800 feet.

The major drainages of the Eloy sub-basin are the Gila and Santa Cruz Rivers. The subbasin is bounded by the San Tan Mountains on the north, the Ninety-six Hills and Picacho Mountains on the east, the Silverbell Mountains on the south and the Sawtooth, Casa Grande and Sacaton Mountains on the west. The groundwater recharge through the Pinal AMA occurs through both natural and agricultural irrigation. The Property is located approximately 1 mile east and 2 miles south of the Casa Grande Canal, approximately 15 miles southwest of the Gila River and approximately 16.5 miles west of the Picacho Reservoir.

According to maps published by S.J. Rascona (2005), the depth to groundwater in the project area is between 40 to 85 feet and the general direction of groundwater flow is towards the southwest. A portion of the Rascona map showing local groundwater conditions is included in **Appendix E**. Arizona Department of Water Resources (ADWR) records were reviewed to identify water wells at the Property or within the project area. No wells were identified at the Property. The depth to water reported at the nearby wells was about 40 feet below ground surface.

Soil information for the Property was obtained from the USDA Online Web Soil Survey. The soils on the Property are identified as Mohall loam and Mohall clay loam. These soils are derived from recent mixed alluvium found on stream terraces, basin floors and fan terraces. The soils consist of well drained loam and clay loam which extend to depths of over 5 feet. The soils are classified as prime farmland if irrigated. A copy of the Soil Report for the Property is included in **Appendix E**.

4.3 FLOOD HAZARD AREA

Flood Hazard information for the Property and project area was obtained from the City of Casa Grande Flood Control District floodplain viewer web site. The Property and project area not located within a 100-year flood zone.



5 INTERVIEWS, CORRESPONDENCE AND REPORT REVIEWS

5.1 TITLE RECORDS

No title records were available for review.

5.2 PREVIOUS ENVIRONMENTAL ASSESSMENTS

TMG conducted a previous environmental assessment which included the project area in 2014. The report did not find any evidence of REC's, Controlled REC's, or Historic REC's.

5.3 USER INTERVIEW

To qualify for one of the Landowner Liability Protections offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the User of the Phase I ESA must provide information requested (if available) to the environmental professional. A User representative, Mr. Michael J. Biggar, with Orchard Partners, LLC, completed a Property User Questionnaire on December 21, 2022. Mr. Biggar reported that he was not aware of any significant environmental concerns related to the Property or nearby properties. Additionally, he was unaware of any storage tanks or any petroleum products at the Property. Mr. Biggar stated that fill dirt had not been brought on to the Property and that no chemicals are known to have been stored at the Property. User provided information, including a copy of the completed User Questionnaire, is included in **Appendix B**.

5.4 OWNER INTERVIEW

A Property Owner representative, Mr. Donny England, with England Farms, completed a Property Owner Questionnaire on December 13, 2022. Mr. England stated that they have owned the Property for at least the last ten (10) years. He reported that he was not aware of any significant environmental concerns related to the Property or nearby properties. He was unaware if the purchase price reasonably reflects fair market value. Mr. England also stated that he was unaware of any obvious indicators that point to the presence or likely presence of contamination of the Property nor is he aware of any pending, threatened, or past litigation or administrative proceedings or notices from any governmental entity regarding possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products. Owner provided information, including a copy of the completed Property Owner Questionnaire, is included in **Appendix B**.

5.5 PROPERTY OCCUPANT INTERVIEW

The Property was unoccupied, and no occupants were available for interviews.

5.6 PREVIOUS OWNER INTERVIEW

No previous Property owners were available for interviews.



6 RECORDS REVIEW

This section is based on public information obtained from various federal, state, and local agencies that maintain environmental regulatory databases. These databases contain information about facilities or sites that have reported incidents involving hazardous materials or inappropriate use, storage, or transportation of such materials. Information was gathered by TMG personnel and by a professional data search service; Environmental Risk Information Services (ERIS). TMG personnel reviewed the information that appeared on these lists, and a copy of the ERIS Database Report, dated December 9, 2022, is included in **Appendix C**. The approximate Property boundary was used to provide a controlled area for the data search. The depth to groundwater in the project area is approximately 40 to 85 feet below ground and the general direction of groundwater flow is to the southwest.

6.1 STANDARD GOVERNMENTAL DATABASES

The following standard environmental record sources were reviewed in accordance with ASTM E1527-13. The databases searched, the distances from the Property, and the number of locations identified in each database is summarized in the table below. Databases with facilities or sites within the search radius are shown in bold.

Regulatory Database	Updated	Search Distance (miles)	Property Sites	Search Radius Sites	REC
Federal NPL Sites	07-26-2022	1.0	0	0	No
Federal Delisted NPL Sites	07-26-2022	0.5	0	0	No
Federal SEMS Sites	09-28-2022	0.5	0	0	No
Federal SEMS Archive Sites	09-28-2022	0.5	0	0	No
Federal CERCLIS Sites	10-25-2013	0.5	0	0	No
Federal CERCLIS – NFRAP	10-25-2013	0.5	0	0	No
Federal RCRA CORRACTS	09-05-2022	1.0	0	0	No
Federal RCRA Non-CORRACTS TSD	09-05-2022	0.5	0	0	No
Federal RCRA Generators	09-05-2022	0.25	0	0	No
Federal RCRA Non-Generators	09-05-2022	0.25	0	1	No
Federal IC / EC Registries	10-27-2022	0.25	0	0	No
Federal ERNS List	08-28-2022	0.15	0	0	No
State CERCLIS Sites (SHWS)	08-13-2022	1.0	0	4	No
State CERCLIS Sites (ACIDS)	08-03-1995	1.0	0	0	No
State NPL Sites (WQARF)	08-13-2022	1.0	0	0	No
State Landfills	01-31-2022	1.0	0	0	No
State/Tribal LUST	09-08-2022	0.5	0	1	No
State/Tribal UST	11-14-2022	0.25	0	0	No
State AST	09-29-2015	0.25	0	0	No
State AST2	11-28-2022	0.25	0	0	No
State AUL Sites (IC/EC Facilities)	10-13-2022	0.5	0	0	No
State RDT Other	10-13-2022	0.5	0	0	No
State VCP	10-21-2020	0.5	0	0	No



Regulatory Database	Updated	Search Distance (miles)	Property Sites	Search Radius Sites	REC
State Brownfields	10-21-2020	0.5	0	0	No
Totals			0	6	

6.1.1 Property Listings

The Property was not identified on any of the regulatory databases identified in ASTM Standard E1527-13.

6.1.2 Adjoining Property Listings

No adjoining property listings were identified on any of the regulatory databases identified in ASTM Standard E1527-13. Additional regulatory databases reviewed for this report identified the Daisy Brand facility (adjacent ENE of the Property at 752 Ash Ave, in Casa Grande) on the Federal FINDS/FRS, Tier 2, and TRIS databases. The adjoining property listings do not represent a recognized environmental condition for the Property

6.1.3 Search Radius Listings

The ERIS Database Report identified six (6) additional listings within the ASTM Standard databases mandated search radius. The following sections provide a description of each identified site, distance from the Property, regulatory status, and opinion of potential impact to the Property. For the complete list of records identified in the environmental databases, please refer to the ERIS Database Report provided in **Appendix C**.

Federal RCRA Non-Generator Site Listings:

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

A review of the listings, as provided by ERIS, has revealed that there is one (1) site within approximately 0.25 miles of the Property. The Non-Generator site is identified as Bayer (located 0.14 miles E of the Property at 749 Ash Ave, in Casa Grande). Based on the current Federal status and distances from the Property, this listing does not represent a recognized environmental condition or an environmental concern for the Property.

State Hazardous Waste Site (SHWS ACIDS) Listings:

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 (WQARF) and Federal CERCLA programs.



A review of the SHWS ACIDS database identified four (4) SHWS ACIDS sites within approximately 1 mile of the Property. The ACIDS list has been archived and is no longer being distributed or updated. The data comes from the ADEQ's ZIP-ACIDS database. The ACIDS list has not been updated since 1995 and is no longer being distributed or updated. Sites on this list that are still under investigation are discussed on other lists.

Leaking Underground Storage Tank (LUST) Site Listings:

The Leaking Underground Storage Tank (LUST) Incident Report contains an inventory of reported leaking underground storage tank incidents made available by the Arizona Department of Environmental Quality (ADEQ) Waste Program.

A review of the database listings identified one (1) LUST site within approximately 0.5 miles of the Property. The Property is identified as CGES Bus Maintenance Facility (located 0.44 miles E of the Property 501 S. Florence Street, in Casa Grande). The LUST incident was reported in 1998 and the incident was closed with ADEQ in 1999. Based on the closed status of the LUST incident and the distance and gradient from the Property, the reported LUST site does not represent recognized environmental conditions or environmental concerns for the Property.

6.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

In addition to the ASTM Standard databases, ERIS also searched other available databases which could identify potential environmental concerns. No sites of concern were identified in the additional databases. For the complete list of records identified in the environmental databases, please refer to the ERIS Database Report provided in **Appendix C**.

6.3 HISTORICAL AERIAL PHOTOGRAPHS

Historical aerial photographs of the project area were obtained from the ERIS Historic Aerials database search. The earliest available photograph was from 1936. Observations from the aerial photographs are summarized in the following table, and copies of selected photographs are included in **Appendix D**.

1936 thru 1956	The Property and adjoining areas were agricultural fields. Thornton Road can be observed to the west of the Property. Several farm homes can be seen west, northwest and northeast of the Property
1961 thru 1996	The Property remained relatively unchanged. In 1961, tracks can be observed running through the southeastern portion of the Property and to the adjacent property to the south.
2003 thru 2005	The Property appears vacant with the agricultural fields becoming fallow. Additionally, the development of the Walmart Distribution facility located south of the Property can be observed.
2007 thru 2017	The Property remained relatively unchanged. Around 2007, construction of the Daisy Brand facility located north of the Property can be observed.



2019	No significant changes to the Property are observed. The development of the LKQ Corporation facility located west of the Property can be observed.
2021	No significant changes to the Property are observed.

No direct indications of recognized environmental conditions were identified during the review of historic aerial photographs.

6.4 TOPOGRAPHIC MAPS

Available U.S. Geological Survey (USGS) topographic maps depicting the Property and surrounding areas were reviewed. The maps reviewed were Chuichu, Arizona 7.5-minute maps from 1965, 1992, and 2018 and Casa Grande, Arizona 15-minute maps from 1922. Copies of portions of the historic topographic maps are included in **Appendix D**.

1922	The Property appears undeveloped. Thornton Road can be observed, as a dirt road to the west of the Property. Additionally, a dirt road and wells can be observed north and east of the Property. An irrigation channel can be observed northeast of the Property.
1965	The Property appears to be undeveloped.
1992	The Property appears the same with no changes. The Santa Rosa Canal can be observed to the northeast of the Property.
2018	The Property appears the same with no changes. Roads can be observed in their current configuration. Residential development can be observed to the east of the Property.

No direct indications of recognized environmental conditions were identified during our review of historic topographic maps.

6.5 HISTORICAL CITY DIRECTORIES

The Property has historically been agricultural land, therefore historic city directories were not reviewed for the Property.

6.6 HISTORIC FIRE INSURANCE MAPS

Historic fire insurance maps were not prepared for the project area.

6.7 CITY OF CASA GRANDE

TMG submitted a request for available environmental records associated with the Property to the City of Casa Grande Fire Department. The Casa Grande Fire Department found no records for the Property.



6.8 PINAL COUNTY

According to the Pinal County Assessor's Office website, the Property is identified as Pinal County Assessor Parcels 500-12-011P and 500-12-011Q. The parcels are currently owned by Thornton & Ash, LLC. The most recent deeds are dated October 24, 2019. The parcels are zoned as Agricultural Land and Vacant Land/Non-Profit Improvement Parcels. No environmental concerns were identified in the Pinal County Assessor records reviewed. Selected records obtained from the Pinal County Assessors website are provided in **Appendix E**.

6.9 HISTORIC USE OF THE PROPERTY

The earliest historical information obtained for the Property was a 1922 topographic map of the Casa Grande area in which the Property appeared as vacant land. Thornton Road can be observed as a dirt road, west of the Property. A 1936 aerial photograph shows the Property as agricultural fields. A dirt road and wells can be observed north and east of the Property. Several farm homes can be seen west, northwest and northeast of the Property. Around 1961 tracks can be seen running through the southeastern portion of the Property and to the adjacent property to the south. Around 2003, the Property appears vacant with the agricultural fields becoming fallow. Additionally in 2003, the development of the Walmart Distribution facility located south of the Property can be observed. Around 2007, construction of the Daisy Brand facility located north of the Property can be observed. In 2019, the development of the LKQ Corporation facility located west of the Property can be observed. It appears that the Property has been utilized as agricultural fields or fallow and vacant from at least 1936 to present.

7 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 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 Property.

Initial screening for Vapor Encroachment Conditions (VECs) (Tier 1 Screening) is designed as a screen step to supplement a Phase I ESA and relies on information already collected for the Phase I investigation. This information includes the review of government records to identify contaminated properties within the determined area of concern. Based on Tier 1 screening conducted during this Phase I ESA, TMG concludes that a VEC at the Property can be ruled out because it does not exist or is not likely to exist.

8 NON-CERCLA CONSIDERATIONS

No Non-CERCLA considerations were included in this assessment.



9 FINDINGS AND CONCLUSIONS

The McGovern Group, LLC (“TMG”) has completed a Phase I Environmental Site Assessment (ESA) of ~36-acres of vacant land located southeast of Thornton Road and Ash Avenue in Casa Grande, Arizona 85122 (the Property). The Property is fallow agricultural land. This Phase I ESA was performed in conformance with the scope and limitations of ASTM E 1527-13. The assessment was performed to identify conditions indicative of releases and threatened releases of hazardous substances, pollutants, contaminants, and petroleum and petroleum products in, on, or at the Property. These issues are considered recognized environmental conditions (RECs). Any exceptions to, or deletions from, the ASTM Practice are described in **Section 2.2** of this report.

The following summarizes our findings and conclusions regarding Recognized Environmental Conditions, Controlled Recognized Environmental Conditions, Historical Recognized Environmental Conditions and De Minimis Conditions identified at the Property during the course of the Phase I ESA.

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 risk 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 Property and has been addressed to the satisfaction of the applicable regulatory authority without subjecting the 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.

- The Property has been utilized as agricultural fields from at least 1936 to present. The use of agricultural chemicals has most likely occurred on the Property. The assumed chemical use on the Property is considered an environmental concern due to the potential for site soils to have been impacted with pesticides or other chemicals routinely used in agricultural production. If the Property is to be developed as a school or day care facility in the future, further investigations would be recommended.

TMG has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of ~36-acres of vacant land located southeast of Thornton Road and Ash Avenue in Casa Grande, Arizona 85122 (the Property). Any exceptions to, or deletions from, the ASTM Practice are described in **Section 2.2** of this report.

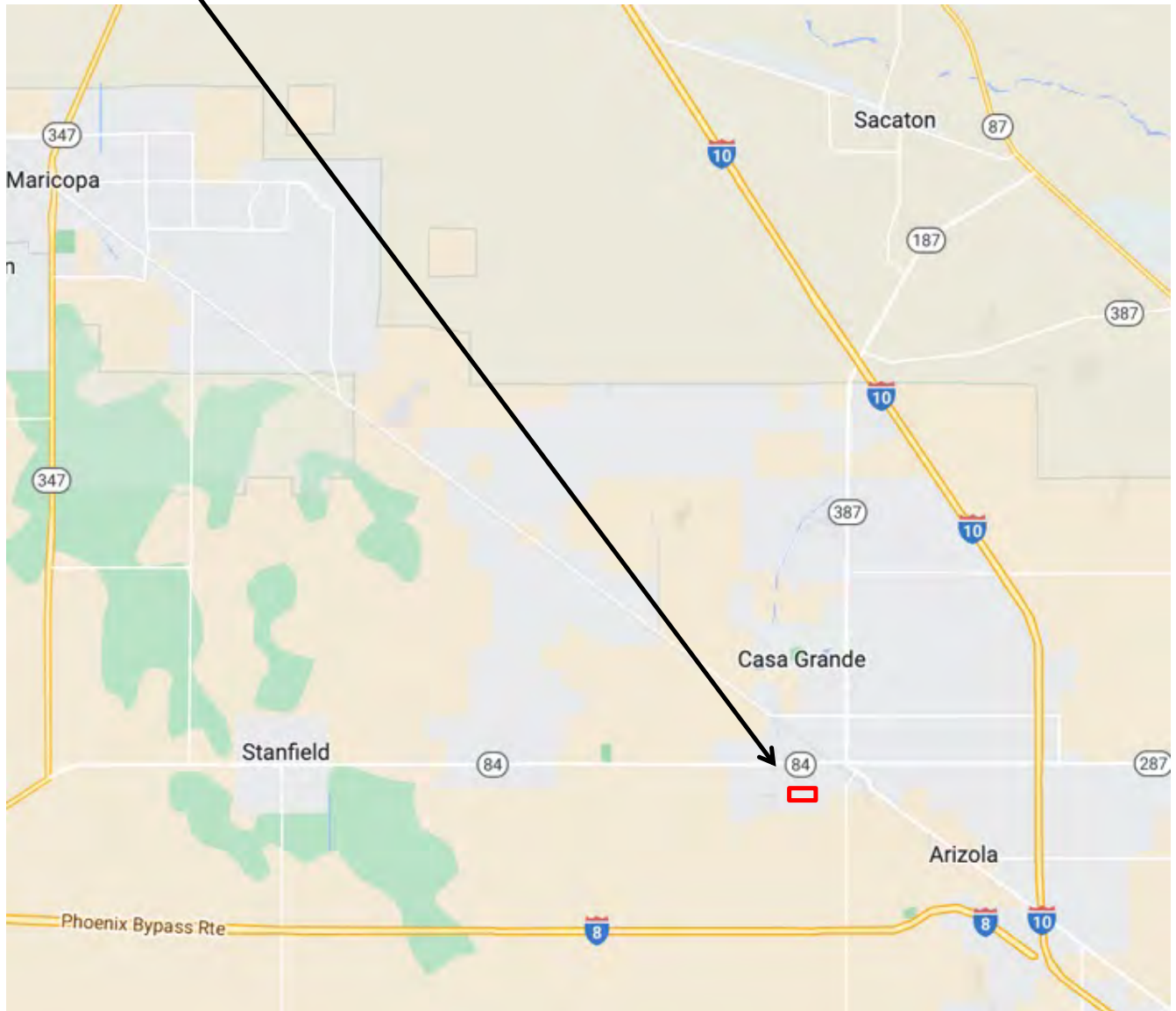
No recognized environmental conditions have been identified in connection with the Property.

10 QUALIFICATIONS

I, Jennifer McMorran, do declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional (EP) as defined in § 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Property. I have developed and performed the all-appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312. Qualifications of the EP's that prepared and reviewed this report are included in **Appendix G**.

FIGURES

Approximate
Property Location



Approximate Scale

2 mile



Source: Google Maps 2022

THE
McGovern
GROUP LLC

Figure 1– Property Location Map

~36-Acre Vacant Land
Southeast of Thornton Road & Ash Avenue
Casa Grande, Arizona 85122

TMG Project
No. 22-1206
Dec 2022

Approximate
Property Boundaries

Ash Avenue

Thornton Road

W. Peters Road

Approximate Scale

500 feet



Source: Google Maps 2022



Figure 2 – Property Map

~36-Acre Vacant Land
Southeast of Thornton Road & Ash Avenue
Casa Grande, Arizona 85122

TMG Project
No. 22-1206
Dec 2022

APPENDIX A

REPRESENTATIVE SITE PHOTOGRAPHS



Photo 1
Comments: View of Property from south facing north



Photo 2
Comments: View of Property from southeast facing northwest.



Photo 3
Comments: View of Property from southeast facing west.



Photo 4
Comments: View of Property from northwest corner facing south.



Photo 5
Comments: View of Property from northeast corner facing southwest.



Photo 6
Comments: View of Property from northwest facing east.



Photo 7

Comments: View of Property from north facing south.



Photo 8

Comments: View of Walmart shipping facility and stormwater retention area south of the Property.



Photo 9

Comments: View of Property from southwest facing east.

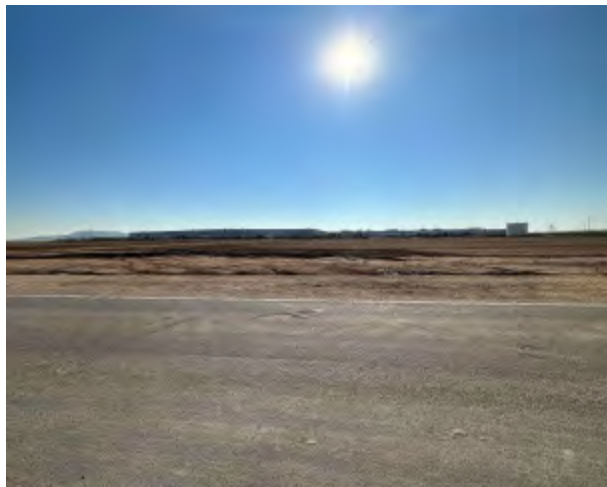


Photo 10

Comments: View of large mud patch from north center of Property facing south.



Photo 11

Comments: View of Property from northeast facing west.



Photo 12

Comments: View of Property from southwest facing northeast.



Photo 13

Comments: View of Property from northwest facing east.



Photo 14

Comments: View of NFPA Hazard Warning signage for diesel on generator building south of the Property.



Photo 15

Comments: View of water tower and stormwater retention area south of the Property.



Photo 16

Comments: View of stormwater retention area south of the Property.



Photo 17

Comments: View of stormwater retention area south of the Property.



Photo 18

Comments: View of stormwater retention area south of the Property.



Photo 19
Comments: View of standing water within stormwater retention area south of the Property.



Photo 20
Comments: View of stormwater retention area south of the Property.



Photo 21
Comments: View of warehouse property located across Thornton Road west of Property.



Photo 22
Comments: View of water piping and irrigation canal west of Property.

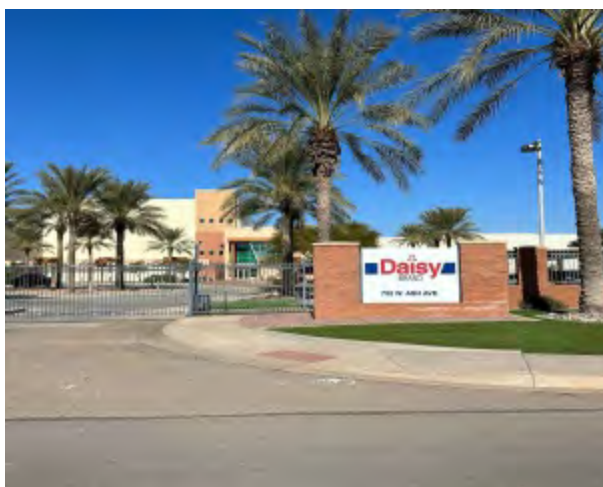


Photo 23
Comments: View of Daisy warehouse facility located across Ash Avenue north of Property.



Photo 24
Comments: View of water main and pad mounted transformer north of the Property.



Photo 25

Comments: View of Property from northwest facing southeast.



Photo 26

Comments: View of mud patch north center of Property facing southwest.



Photo 27

Comments: View of mud patch along north center portion of Property.



Photo 28

Comments: View of dirt lined irrigation canal along north eastern Property boundary.



Photo 29

Comments: View of sanitation sewer manhole along northern boundary of Property.

APPENDIX B

USER AND OWNER PROVIDED INFORMATION

THE

McGovern

M G R O U P L L C

Building, Connecting and Creating Relationships

PROPERTY OWNER QUESTIONNAIRE FORM

Property Description

Property Address: SE Corner of Thornton Rd + Peters CG 1A2
 Current Use: Agriculture
 Historical Uses: SA
 Current Occupant: England Farms
 Current Owner: SA Years Owned: 10+
 Owner Contact: 320-251-1922 Phone: Danny England
 Site Contact: SA Phone/e-mail:
 Prior Owner Contact: NA Phone/e-mail: Dan England Jr GMSN.COM

Property Questions

- Have there been any previous environmental site assessments or environmental investigations that indicated the presence of **hazardous substances or petroleum products** on, or contamination of, the Property or recommended further assessment of the Property?
 Yes ☐ No ☐ Unknown ☒
- Is there currently, or to the best of your knowledge has there been previously, any stained soil on the Property?
 Yes ☐ No ☐ Unknown ☒
- Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered **storage tanks (above or underground)** located on the Property?
 Yes ☐ No ☐ Unknown ☒
- Are there currently, or to the best of your knowledge have there been previously, 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?
 Yes ☐ No ☐ Unknown ☒

5. To the best of your knowledge, has the Property or any adjoining property ever been used as a gasoline station, automotive repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, waste treatment, waste storage, processing, or recycling facility?
- Yes ☐ No ☐ Unknown ☒
6. Has fill dirt been brought onto the Property that originated from a contaminated site or that is of an unknown origin?
- Yes ☐ No ☐ Unknown ☒
7. Are there currently, or to the best of your knowledge, have there been previously any groundwater wells located on the Property? If so, have contaminants been identified in the well or system, or has the well been designated as contaminated by any government environmental/health agency?
- Yes ☐ No ☐ Unknown ☒
8. Are there currently, or to the best of your knowledge, have there been previously any damaged or discarded automotive or industrial batteries, pesticides, paints, 55-gallon industrial **drums**, sacks of chemicals, or other chemicals in individual containers of greater than 5-gallons in volume of 50-gallons in the aggregate, stored on or used at the property or at the facility?
- Yes ☐ No ☐ Unknown ☒
9. Are there currently or to the best of your knowledge have there been previously any **pits, ponds or lagoons** located on the Property?
- Yes ☐ No ☐ Unknown ☒
10. Are there any septic systems or cess pools located on the Property?
- Yes ☐ No ☐ Unknown ☒
11. Does the Property discharge wastewater, on or adjacent to the Property other than stormwater into a sanitary sewer system?
- Yes ☐ No ☐ Unknown ☒
12. Is there a **transformer, capacitor, or any hydraulic equipment** for which there are any records indicating the presence of PCBs?
- Yes ☐ No ☐ Unknown ☒
13. Has there ever been an **airstrip** on the Property or areas of **pesticide** storage or mixing on the Property?
- Yes ☐ No ☐ Unknown ☒

14. Are you aware of the past or current existence of **hazardous substances or petroleum products** or environmental violations with respect to the Property or any facility on the Property?

Yes ☐No ☐Unknown ☒

15. Are there currently, or to the best of your knowledge have there been previously, any **flooring drains**, or **walls** located within the facility that are stained by substances other than water or are emitting foul odors?

Yes ☐No ☐Unknown ☒

16. To the best of your knowledge, have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the Property?

Yes ☐No ☐Unknown ☒

17. Are you aware of any environmental liens or activity and use limitations, if any, that are currently recorded against the Property?

Yes ☐No ☐Unknown ☒

18. Are you aware of any past, threatened, or pending lawsuits or administrative proceedings concerning a release of any hazardous substance or petroleum products involving the Property by any landowner or occupant of the Property?

Yes ☐No ☐Unknown ☒

19. To the best of your knowledge, has there ever been a spill or release of hazardous substances or petroleum products on the Property or adjoining properties?

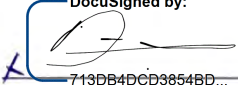
Yes ☐No ☐Unknown ☒

20. Does the sale price reflect the fair market value for the Property?

Yes ☐No ☐Unknown ☒

If you answered yes to any of the above questions, please explain: _____

This form was completed by:

DocuSigned by:
Signature:  713DB4DCD3854BD...
Printed Name: Donny England
Company/Title: England Farms
Date: 12/13/2022 Phone: 5202511922 Fax: _____

Environmental User Questionnaire Form

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the **User** must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30 and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The **User** should provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete.

Property Description

Property Address: SE corner Thornton + Ash, Casa Grande, AZ
 Current Use: vacant
 Historical Uses: don't know
 Current Occupant: vacant
 Current Owner Entity: Thornton + Ash LLC Years Owned: don't know
 Owner Contact: Don Englehardt Phone/email: _____
 Site Contact: none Phone/email: _____
 Prior Owner Contact: don't know Phone/email: _____
 Reason for performing Phase I ESA: acquisition due diligence

Property Questions

- 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 ☒

Unknown ☐

If marked Yes, please describe below:



2. Are you aware of any Activity and Land Use Limitations (AULs) such as *engineering controls, land use restrictions* or *institutional controls* that are in place at the Property and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

Yes ☐

No ☒

Unknown ☐

If marked Yes, please describe below:

3. As a user of this ESA do you have any specialized knowledge or experience related to the Property or nearby property? 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 ☒

Unknown ☐

If marked Yes, please describe below:

4. Does the purchase price being paid for this Property reasonably reflect the fair market value of the Property?

Yes ☒

No ☐

Unknown ☐

If it does not, have you considered whether the lower price is because contamination is known or believed to be present at the Property?



5. 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?

Yes ☐

No ☒

Unknown ☐

If marked Yes, please describe below:

6. 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 of the Property?

Yes ☐

No ☒

Unknown ☐

If marked Yes, please describe below:

7. Are you aware of any pending, threatened, or past litigation or administrative proceedings or notices from any governmental entity regarding possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

Yes ☐

No ☒

Unknown ☐

If marked Yes, please describe below:



In addition to the above, certain information should be collected, if available, and provided to the environmental professional conducting the Phase I Environmental Site Assessment. This information is intended to assist the environmental professional, but is not necessarily required to qualify for one of the LLPs. As such, if you have any other knowledge or experience with the property that may be pertinent to the environmental professional (for example, **copies of any available prior environmental site assessment reports**, documents, correspondence, etc., concerning the property and its environmental condition), please provide them to the environmental professional.

This form was completed by:

Signature: Michael J. Biggar

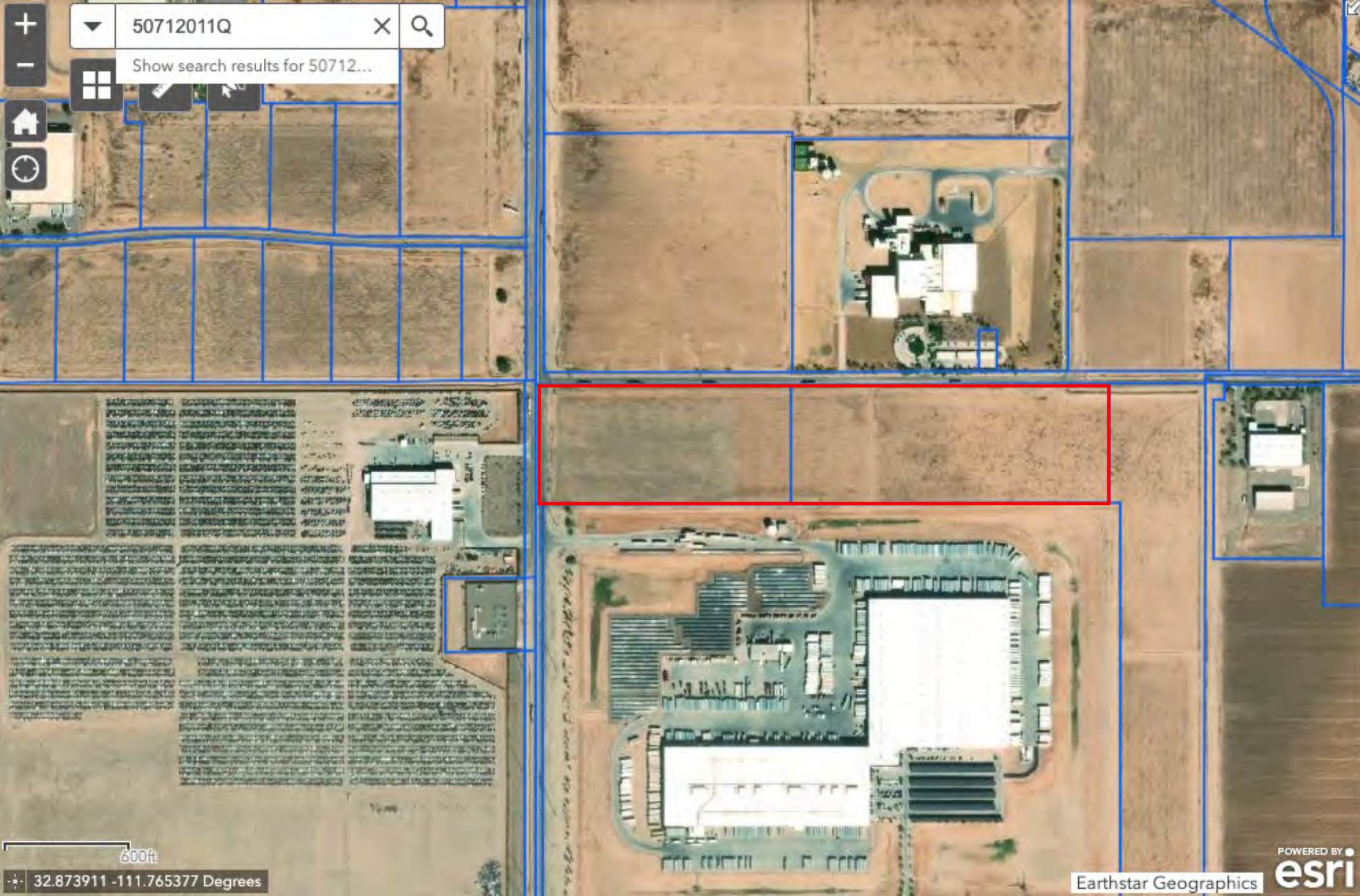
Printed Name: Michael J. Biggar

Company/Title: Orchard Partners, LLC

Date: 12/21/22 Phone: 408-888-6200 Email: mbiggar@orchardpartners.com

50712011Q

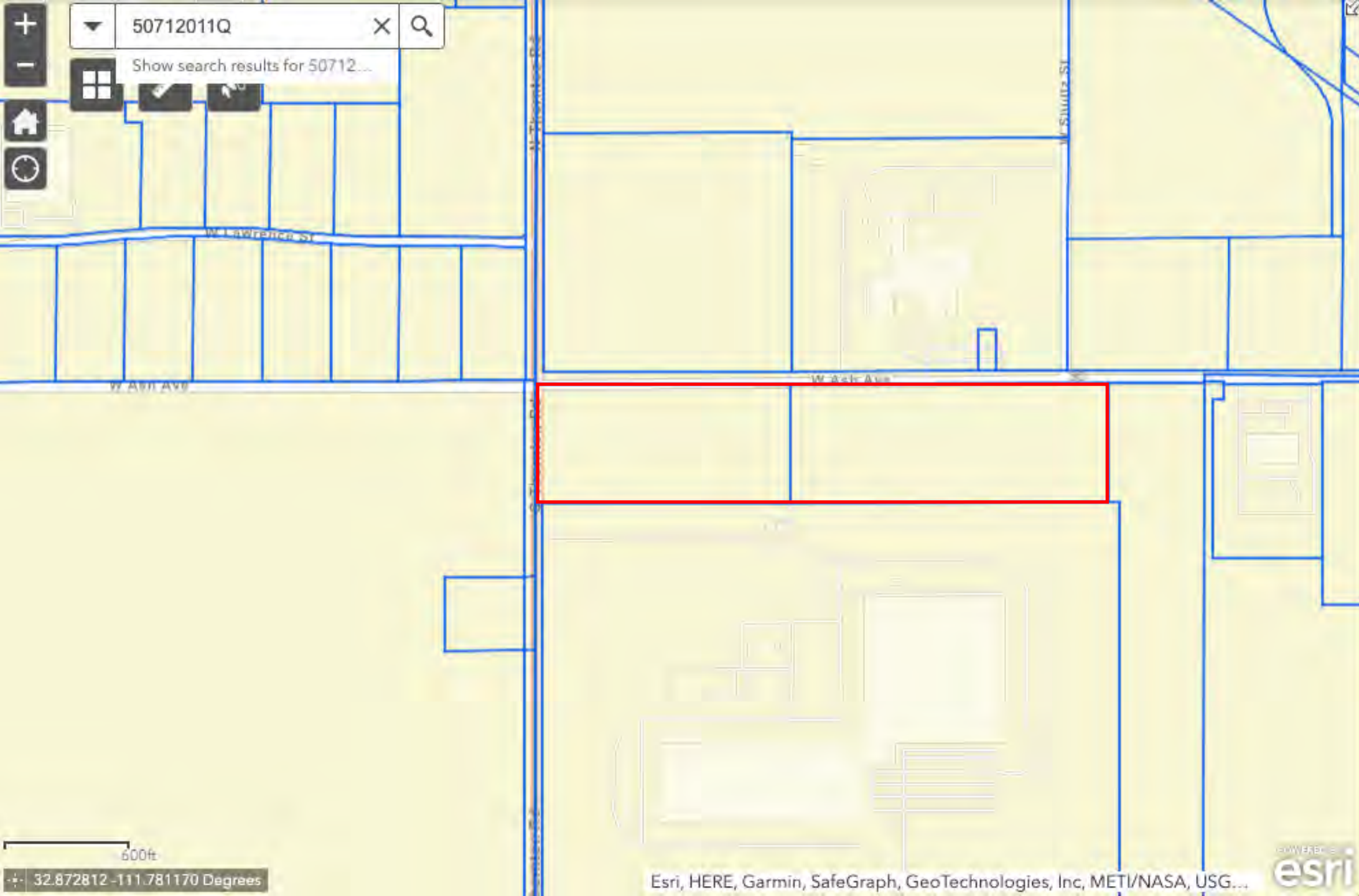
Show search results for 50712...



50712011Q

Show search results for 50712...

Map navigation controls: zoom in (+), zoom out (-), home, location history, and a compass.



APPENDIX C
ERIS DATABASE REPORT



DATABASE REPORT

Project Property: ~36 Acres Vacant Land
SE of Thornton Road & Ash Avenue
Casa Grande AZ 85122

Project No: 22-1206

Report Type: Database Report

Order No: 22120700975

Requested by: The McGovern Group

Date Completed: December 9, 2022

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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: ~36 Acres Vacant Land
SE of Thornton Road & Ash Avenue Casa Grande AZ 85122

Project No: 22-1206

Coordinates:

Latitude:	32.87131379
Longitude:	-111.76982569
UTM Northing:	3,637,283.53
UTM Easting:	427,980.98
UTM Zone:	12S

Elevation: 1,393 FT

Order Information:

Order No: 22120700975
Date Requested: December 7, 2022
Requested by: The McGovern Group
Report Type: Database Report

Historicals/Products:

Aerial Photographs	Historical Aerials (with Project Boundaries)
ERIS Xplorer	ERIS Xplorer
Excel Add-On	Excel Add-On

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
<u>Standard Environmental Records</u>								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	1	-	-	1
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FRP	Y	0.25	0	0	0	-	-	0
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0

State

SHWS	Y	1	0	0	0	0	0	0
SHWS ACIDS	Y	1	0	0	0	0	4	4
WQARF	Y	1	0	0	0	0	0	0
DELISTED SUPERFUND	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	0	0	1	-	1
DELISTED LUST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	0	-	-	0
AST	Y	0.25	0	0	0	-	-	0
AST2	Y	0.25	0	0	0	-	-	0
DELISTED TANKS	Y	0.25	0	0	0	-	-	0
AUL	Y	0.5	0	0	0	0	-	0
RDT OTHER	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0

Tribal

BROWNFIELDS WMAT	Y	0.5	0	0	0	0	-	0
SRPMIC BROWNFIELDS	Y	0.5	0	0	0	0	-	0
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0

County

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

Additional Environmental Records

Federal

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FINDS/FRS	Y	PO	0	1	-	-	-	1
TRIS	Y	PO	0	1	-	-	-	1
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
URANIUM	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
SPILLS	Y	0.125	0	0	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
PFAS	Y	0.5	0	0	0	0	-	0
AIR PERMITS	Y	0.25	0	0	0	-	-	0
DRYWELLS	Y	0.125	0	2	-	-	-	2
DRYWELLS HIST	Y	0.125	0	1	-	-	-	1
DRUG LAB REMEDIATION	Y	0.125	0	0	-	-	-	0
CDL	Y	0.125	0	0	-	-	-	0
TIER 2	Y	0.125	0	2	-	-	-	2
BIO HAZ WASTE	Y	0.25	0	0	0	-	-	0

Tribal *No Tribal additional environmental record sources available for this State.*

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

Total:	0	7	1	1	4	13
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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

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	FINDS/FRS	DAISY BRAND, LLC	752 W ASH AVE CASA GRANDE AZ 85193-3801 Registry ID: 110039262570	ENE	0.00 / 16.28	0	19
1	TIER 2	Daisy Brand	752 W Ash Ave Casa Grande AZ 85193	ENE	0.00 / 16.28	0	19
1	TRIS	DAISY BRAND	752 W ASH AVE CASA GRANDE AZ 85193	ENE	0.00 / 16.28	0	19
2	DRYWELLS	LKQ CASA GRANDE	AZ 0 Drywell Place ID: 180436	W	0.03 / 159.85	-3	27
3	DRYWELLS HIST	THORNTON APS SUBSTATION	83 S. THORNTON RD CASA GRANDE AZ Reg No: 57752	WSW	0.09 / 457.54	-1	27
4	TIER 2	APS Thornton Substation	NULL Casa Grande AZ 85193	WSW	0.11 / 571.00	-2	28
5	DRYWELLS	THORNTON SUBSTATION	CASA GRANDE AZ 85193	WSW	0.12 / 638.75	-2	28
6	RCRA NON GEN	BAYER	749 W ASH AVE CASA GRANDE AZ 85193 EPA Handler ID: AZE200914001	E	0.14 / 750.00	4	28
7	LUST	CGES BUS MAINTENANCE FACILITY	501 S FLORENCE ST CASA GRANDE AZ 85122 Facility ID: 0-003489 Leak ID Release Status Release Closure Dt: 4900.01 Closed 12/16/1999	E	0.44 / 2,333.03	6	30
8	SHWS ACIDS	CASA GRANDE LANDFILL	1601 S CHUICHU RD CASA GRANDE AZ 85222	ESE	0.55 / 2,906.44	9	31
9	SHWS ACIDS	OCCIDENTAL CHEMICAL CO CASA GRANDE	447 W FIRST ST CASA GRANDE AZ 85222	NE	0.61 / 3,203.61	-1	31
10	SHWS ACIDS	ADOT CASA GRAHDE	613 WEST 1ST ST. AND HWY 84 CASA GRANDE AZ 85222	NE	0.65 / 3,418.94	-3	32

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
<u>11</u>	SHWS ACIDS	UNICHEM	519 E. MAIN STREET CASA GRANDE AZ 85222	E	0.83 / 4,384.95	9	<u>32</u>

Executive Summary: Summary by Data Source

Standard

Federal

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Sep 5, 2022 has found that there are 1 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
BAYER	749 W ASH AVE CASA GRANDE AZ 85193 <i>EPA Handler ID: AZE200914001</i>	E	0.14 / 750.00	<u>6</u>

State

SHWS ACIDS - CERCLIS Information Data System (ACIDS)

A search of the SHWS ACIDS database, dated Aug 3, 1995 has found that there are 4 SHWS ACIDS site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
CASA GRANDE LANDFILL	1601 S CHUICHU RD CASA GRANDE AZ 85222	ESE	0.55 / 2,906.44	<u>8</u>
UNICHEM	519 E. MAIN STREET CASA GRANDE AZ 85222	E	0.83 / 4,384.95	<u>11</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
OCCIDENTAL CHEMICAL CO CASA GRANDE	447 W FIRST ST CASA GRANDE AZ 85222	NE	0.61 / 3,203.61	<u>9</u>
ADOT CASA GRAHDE	613 WEST 1ST ST. AND HWY 84 CASA GRANDE AZ 85222	NE	0.65 / 3,418.94	<u>10</u>

LUST - Leaking Underground Storage Tanks

A search of the LUST database, dated Sep 8, 2022 has found that there are 1 LUST site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
CGES BUS MAINTENANCE FACILITY	501 S FLORENCE ST CASA GRANDE AZ 85122	E	0.44 / 2,333.03	<u>7</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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Facility ID: 0-003489

Leak ID | Release Status | Release Closure Dt: 4900.01 | Closed | 12/16/1999

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Nov 2, 2020 has found that there are 1 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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DAISY BRAND, LLC	752 W ASH AVE CASA GRANDE AZ 85193-3801	ENE	0.00 / 16.28	<u>1</u>
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Registry ID: 110039262570

TRIS - Toxics Release Inventory (TRI) Program

A search of the TRIS database, dated Aug 24, 2021 has found that there are 1 TRIS site(s) within approximately 0.02 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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DAISY BRAND	752 W ASH AVE CASA GRANDE AZ 85193	ENE	0.00 / 16.28	<u>1</u>
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State

DRYWELLS - Drywell Database

A search of the DRYWELLS database, dated Mar 17, 2022 has found that there are 2 DRYWELLS site(s) within approximately 0.12 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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LKQ CASA GRANDE	AZ 0	W	0.03 / 159.85	<u>2</u>
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Drywell Place ID: 180436

THORNTON SUBSTATION	CASA GRANDE AZ 85193	WSW	0.12 / 638.75	<u>5</u>
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DRYWELLS HIST - Historical Drywells

A search of the DRYWELLS HIST database, dated Aug 6, 2018 has found that there are 1 DRYWELLS HIST site(s) within approximately 0.12 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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THORNTON APS SUBSTATION	83 S. THORNTON RD CASA GRANDE AZ	WSW	0.09 / 457.54	<u>3</u>
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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Reg No: 57752

TIER 2 - Tier 2 Chemical Inventory Reporting

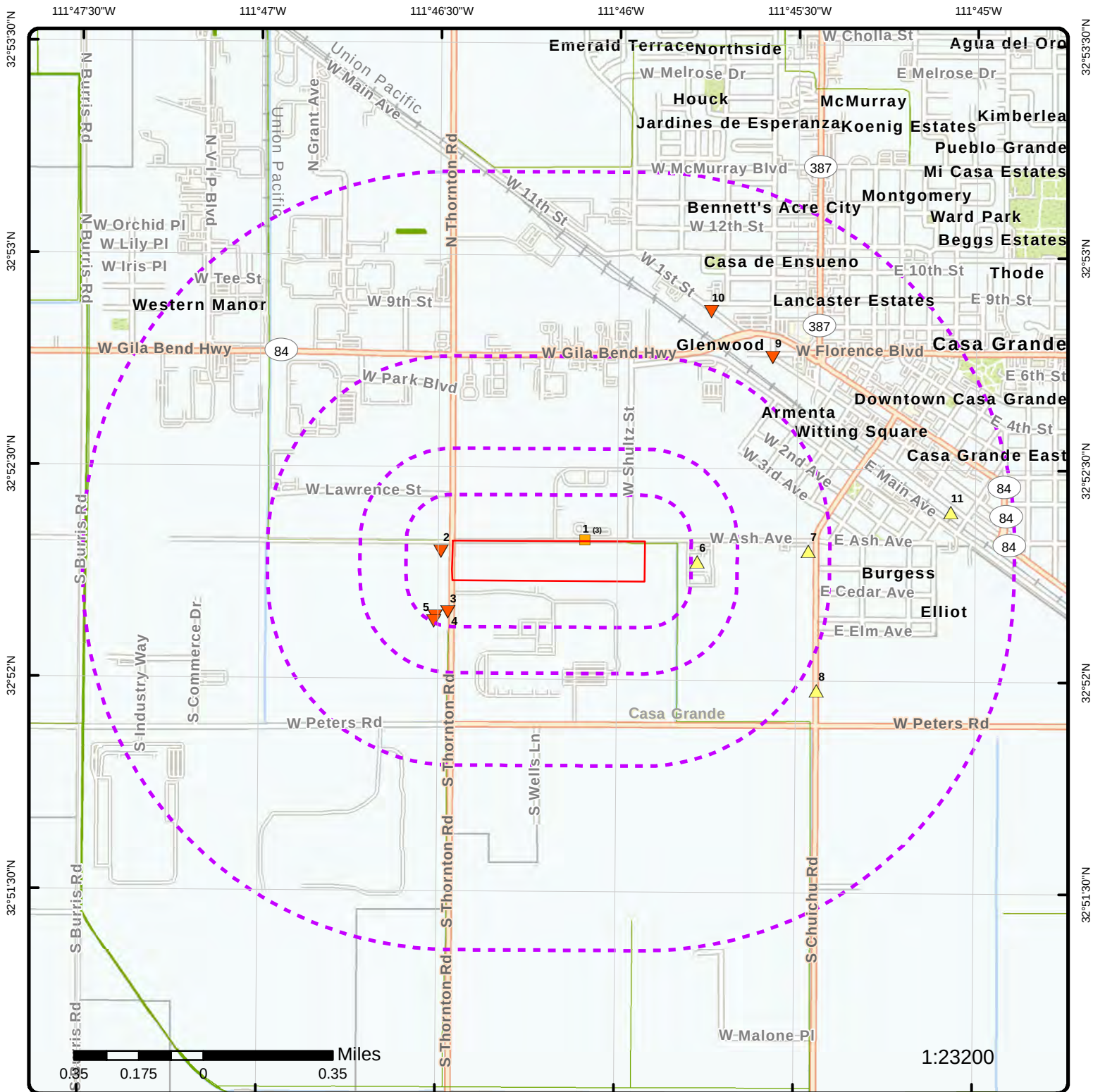
A search of the TIER 2 database, dated Dec 31, 2018 has found that there are 2 TIER 2 site(s) within approximately 0.12 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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Daisy Brand	752 W Ash Ave Casa Grande AZ 85193	ENE	0.00 / 16.28	<u>1</u>
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<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
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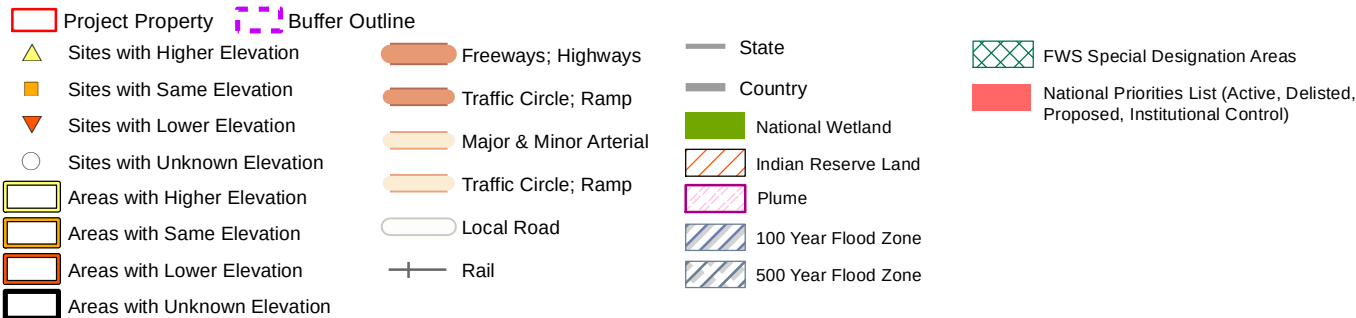
APS Thornton Substation	NULL Casa Grande AZ 85193	WSW	0.11 / 571.00	<u>4</u>
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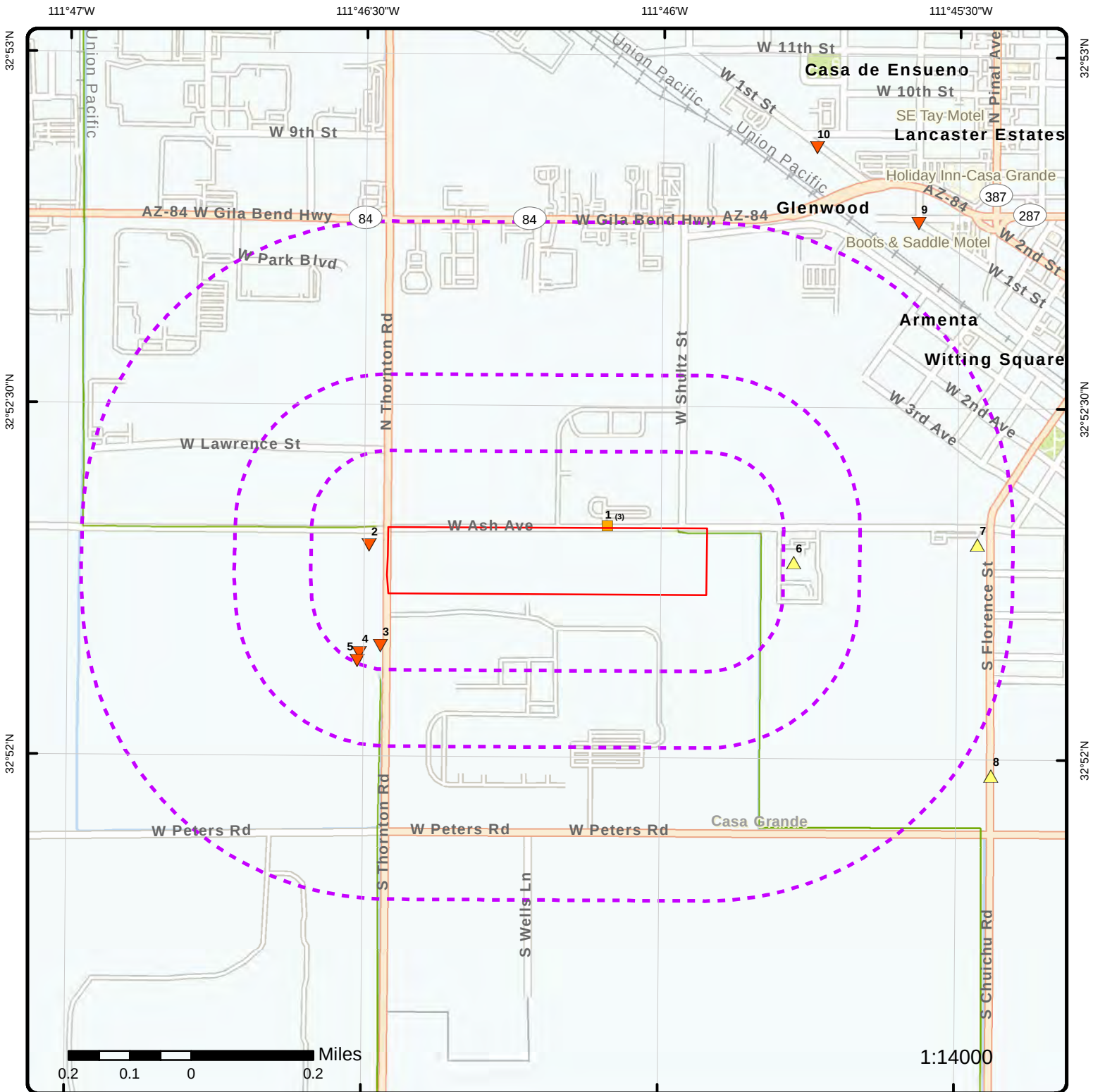


Map: 1.0 Mile Radius

Order Number: 22120700975

Address: SE of Thornton Road & Ash Avenue, Casa Grande, AZ

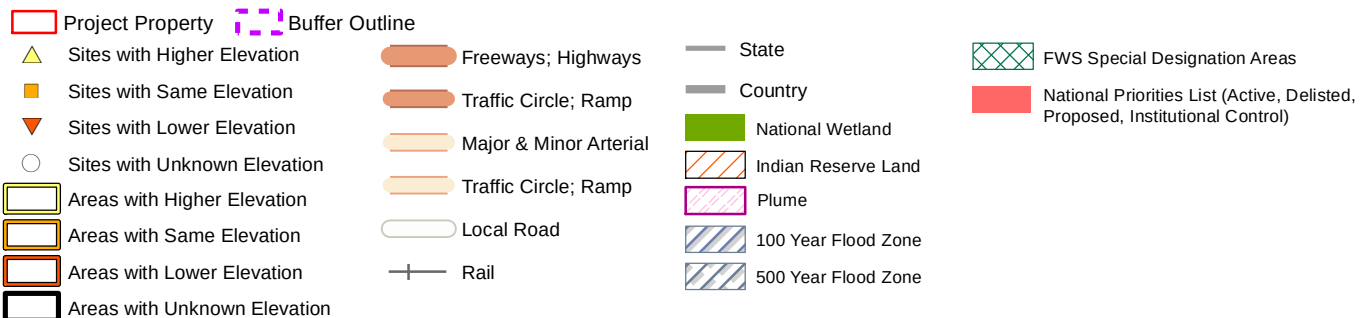




Map: 0.5 Mile Radius

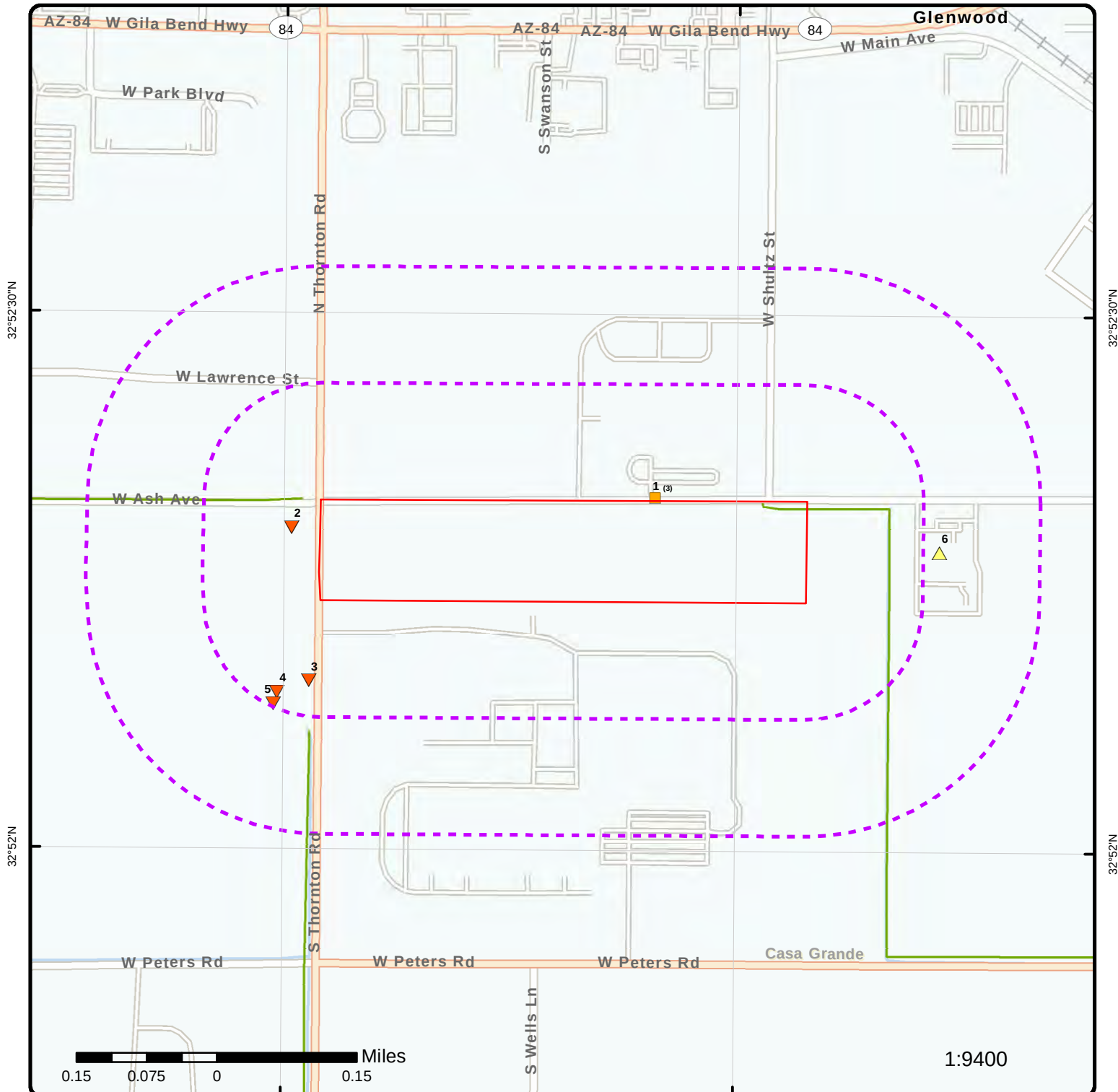
Order Number: 22120700975

Address: SE of Thornton Road & Ash Avenue, Casa Grande, AZ



111°46'30"W

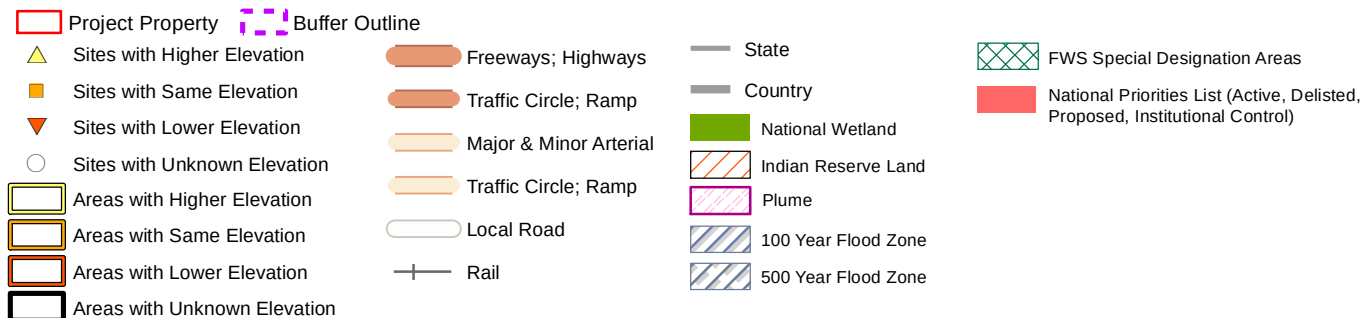
111°46'W



Map: 0.25 Mile Radius

Order Number: 22120700975

Address: SE of Thornton Road & Ash Avenue, Casa Grande, AZ



111°46'30"W

111°46'W

32°52'30"N

32°52'30"N

32°52'N

32°52'N



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

1:10000

Aerial Year: 2021

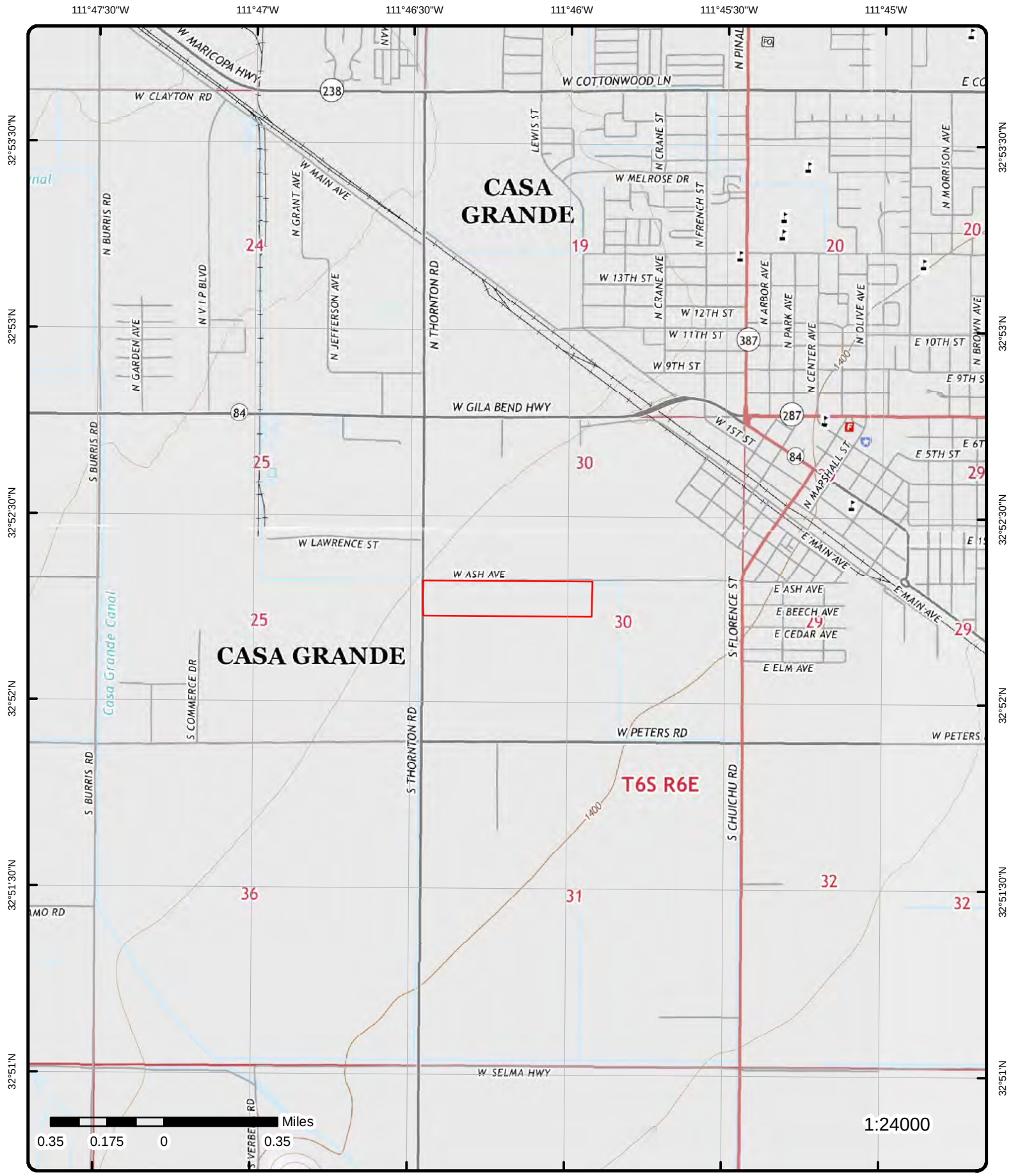
Order Number: 22120700975

Address: SE of Thornton Road & Ash Avenue, Casa Grande, AZ



© ERIS Information Inc.

Source: ESRI World Imagery



Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 3	ENE	0.00 / 16.28	1,393.43 / 0	DAISY BRAND, LLC 752 W ASH AVE CASA GRANDE AZ 85193-3801	FINDS/FRS
Registry ID: 110039262570 FIPS Code: 04021 HUC Code: 15050303 Site Type Name: STATIONARY Location Description: CASA GRANDE Supplemental Location: Create Date: 21-SEP-09 Update Date: 28-JUN-16 Interest Types: STATE MASTER, TRI REPORTER SIC Codes: SIC Code Descriptions: NAICS Codes: 311511 NAICS Code Descriptions: FLUID MILK MANUFACTURING. Conveyor: DHS-CSAT Federal Facility Code: Federal Agency Name: Tribal Land Code: Tribal Land Name: Congressional Dist No: 01 Census Block Code: 040210015001075 EPA Region Code: 09 County Name: PINAL US/Mexico Border Ind: Latitude: 32.873889 Longitude: -111.76806 Reference Point: Coord Collection Method: Accuracy Value: Datum: NAD83 Source: Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110039262570 Program Acronyms: AZURITE:128400, TRIS:8519WDSYBR752WA						
1	2 of 3	ENE	0.00 / 16.28	1,393.43 / 0	Daisy Brand 752 W Ash Ave Casa Grande AZ 85193	TIER 2
ID: 293358 Is Closed?: Not closed T2 Year: 2018 County: Pinal Latitude: 32.8720555556 Longitude: -111.7597777778 Driving Directions: NULL						
1	3 of 3	ENE	0.00 / 16.28	1,393.43 / 0	DAISY BRAND 752 W ASH AVE CASA GRANDE AZ 85193	TRIS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
TRI FD:	8519WDSYBR752WA				Pgm Sys ID (Map):	8519WDSYBR752WA
FRS_ID:	110039262570				Registry ID (Map):	110039262570
Facility Name:	DAISY BRAND				Primary Name (Map):	DAISY BRAND, LLC
Street Address:	752 W ASH AVE				Location Addr (Map):	752 W ASH AVE
City:	CASA GRANDE				City Name (Map):	CASA GRANDE
County:	PINAL				County Name (Map):	PINAL
State:	AZ				State Code (Map):	AZ
Zip:	85193				Postal Code (Map):	85193-3801
Latitude:	32.873889				Latitude83 (Map):	32.873889
Longitude:	-111.76806				Longitude83 (Map):	-111.76806
BIA:					FIPS Code (Map):	04021
Tribe:						
Record Source(s):	TRI Federal Download / Homeland Infrastructure Foundation-Level Data (HIFLD) Open Data Map					

MapServer Details

Interest Type:	TRI REPORTER	HUC8 Code:	15050303
Active Status:	ACTIVE	Accuracy Value:	
Pgm Sys Acnrm:	TRIS	Collect Mth Desc:	
Pgm Report:	no data yet	Ref Point Desc:	
Public Ind:	Y		
Fac URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110039262570		

2014 Details

TRI FD:	8519WDSYBR752WA	Water:	0
Industry Sector Code:	311	Landfills:	0
Federal Facility:	NO	RCRA C Landfill:	0
Cas No Compound ID:	N511	Other Landfills:	0
Classification:	TRI	Land Treatment:	0
Primary SIC:		Surface Impndmnt:	0
Primary NAICS:	311511	RCRA Surface IM:	0
Metal:	NO	Other Surface I:	0
Carcinogen:	NO	Other Disposal:	0
Fugitive Air:	0	On Site Release Tot:	0
Stack Air:	0	Off Site Release Tot:	345.7
Underground:	0	Off Site Recycled Tot:	0
Underground CL I:	0	Total Releases:	345.7
Underground C II-V:	0		
Chemical:	Nitrate compounds (water dissociable; reportable only when in aqueous solution)		
Industry Sector:	Food		
Parent Co Name:	NAD83		
Standard Parent Co Name:			

DAISY BRAND LLC

One Time Release:

CAS No:

N511

PFAS:

NO

TRI FD:	8519WDSYBR752WA	Water:	0
Industry Sector Code:	311	Landfills:	0
Federal Facility:	NO	RCRA C Landfill:	0
Cas No Compound ID:	0007697372	Other Landfills:	0
Classification:	TRI	Land Treatment:	0
Primary SIC:		Surface Impndmnt:	0
Primary NAICS:	311511	RCRA Surface IM:	0
Metal:	NO	Other Surface I:	0
Carcinogen:	NO	Other Disposal:	0
Fugitive Air:	0	On Site Release Tot:	0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Stack Air:	0				Off Site Release Tot:	0
Underground:	0				Off Site Recycled Tot:	0
Underground CL I:	0				Total Releases:	0
Underground C II-V:	0					
Chemical:		Nitric acid				
Industry Sector:		Food				
Parent Co Name:		NAD83				
Standard Parent Co Name:						
DAISY BRAND LLC						
One Time Release:						
CAS No:						
7697-37-2						
PFAS:						
NO						

2015 Details

TRI FD:	8519WDSYBR752WA	Water:	0
Industry Sector Code:	311	Landfills:	0
Federal Facility:	NO	RCRA C Landfill:	0
Cas No Compound ID:	0007697372	Other Landfills:	0
Classification:	TRI	Land Treatment:	0
Primary SIC:		Surface Impndmnt:	0
Primary NAICS:	311511	RCRA Surface IM:	0
Metal:	NO	Other Surface I:	0
Carcinogen:	NO	Other Disposal:	0
Fugitive Air:	0	On Site Release Tot:	0
Stack Air:	0	Off Site Release Tot:	0
Underground:	0	Off Site Recycled Tot:	0
Underground CL I:	0	Total Releases:	0
Underground C II-V:	0		
Chemical:	Nitric acid		
Industry Sector:	Food		
Parent Co Name:	NAD83		
Standard Parent Co Name:			
DAISY BRAND LLC			
One Time Release:			
CAS No:			
7697-37-2			
PFAS:			
NO			

TRI FD:	8519WDSYBR752WA	Water:	0
Industry Sector Code:	311	Landfills:	0
Federal Facility:	NO	RCRA C Landfill:	0
Cas No Compound ID:	N511	Other Landfills:	0
Classification:	TRI	Land Treatment:	0
Primary SIC:		Surface Impndmnt:	0
Primary NAICS:	311511	RCRA Surface IM:	0
Metal:	NO	Other Surface I:	0
Carcinogen:	NO	Other Disposal:	0
Fugitive Air:	0	On Site Release Tot:	0
Stack Air:	0	Off Site Release Tot:	489.1
Underground:	0	Off Site Recycled Tot:	0
Underground CL I:	0	Total Releases:	489.1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Underground C II-V:	0					
Chemical:					Nitrate compounds (water dissociable; reportable only when in aqueous solution)	
Industry Sector:					Food	
Parent Co Name:					NAD83	
Standard Parent Co Name:						

DAISY BRAND LLC

One Time Release:

CAS No:

N511

PFAS:

NO

2016 Details

TRI FD:	8519WDSYBR752WA	Water:	0
Industry Sector Code:	311	Landfills:	0
Federal Facility:	NO	RCRA C Landfill:	0
Cas No Compound ID:	N511	Other Landfills:	0
Classification:	TRI	Land Treatment:	0
Primary SIC:		Surface Impndmnt:	0
Primary NAICS:	311511	RCRA Surface IM:	0
Metal:	NO	Other Surface I:	0
Carcinogen:	NO	Other Disposal:	0
Fugitive Air:	0	On Site Release Tot:	0
Stack Air:	0	Off Site Release Tot:	477.022
Underground:	0	Off Site Recycled Tot:	0
Underground CL I:	0	Total Releases:	477.022
Underground C II-V:	0		
Chemical:			Nitrate compounds (water dissociable; reportable only when in aqueous solution)
Industry Sector:			Food
Parent Co Name:			NAD83
Standard Parent Co Name:			

DAISY BRAND LLC

One Time Release:

CAS No:

N511

PFAS:

NO

TRI FD:	8519WDSYBR752WA	Water:	0
Industry Sector Code:	311	Landfills:	0
Federal Facility:	NO	RCRA C Landfill:	0
Cas No Compound ID:	0007697372	Other Landfills:	0
Classification:	TRI	Land Treatment:	0
Primary SIC:		Surface Impndmnt:	0
Primary NAICS:	311511	RCRA Surface IM:	0
Metal:	NO	Other Surface I:	0
Carcinogen:	NO	Other Disposal:	0
Fugitive Air:	0	On Site Release Tot:	0
Stack Air:	0	Off Site Release Tot:	0
Underground:	0	Off Site Recycled Tot:	0
Underground CL I:	0	Total Releases:	0
Underground C II-V:	0		
Chemical:			Nitric acid
Industry Sector:			Food

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Parent Co Name: NAD83
Standard Parent Co Name:

DAISY BRAND LLC

One Time Release:

CAS No:

7697-37-2

PFAS:

NO

2017 Details

TRI FD:	8519WDSYBR752WA	Water:	0
Industry Sector Code:	311	Landfills:	0
Federal Facility:	NO	RCRA C Landfill:	0
Cas No Compound ID:	0007697372	Other Landfills:	0
Classification:	TRI	Land Treatment:	0
Primary SIC:		Surface Impndmnt:	0
Primary NAICS:	311511	RCRA Surface IM:	0
Metal:	NO	Other Surface I:	0
Carcinogen:	NO	Other Disposal:	0
Fugitive Air:	0	On Site Release Tot:	0
Stack Air:	0	Off Site Release Tot:	0
Underground:	0	Off Site Recycled Tot:	0
Underground CL I:	0	Total Releases:	0
Underground C II-V:	0		
Chemical:	Nitric acid		
Industry Sector:	Food		
Parent Co Name:	NAD83		
Standard Parent Co Name:			

DAISY BRAND LLC

One Time Release:

CAS No:

7697-37-2

PFAS:

NO

TRI FD:	8519WDSYBR752WA	Water:	0
Industry Sector Code:	311	Landfills:	0
Federal Facility:	NO	RCRA C Landfill:	0
Cas No Compound ID:	N511	Other Landfills:	0
Classification:	TRI	Land Treatment:	0
Primary SIC:		Surface Impndmnt:	0
Primary NAICS:	311511	RCRA Surface IM:	0
Metal:	NO	Other Surface I:	0
Carcinogen:	NO	Other Disposal:	0
Fugitive Air:	0	On Site Release Tot:	0
Stack Air:	0	Off Site Release Tot:	339
Underground:	0	Off Site Recycled Tot:	0
Underground CL I:	0	Total Releases:	339
Underground C II-V:	0		
Chemical:	Nitrate compounds (water dissociable; reportable only when in aqueous solution)		
Industry Sector:	Food		
Parent Co Name:	NAD83		
Standard Parent Co Name:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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DAISY BRAND LLC

One Time Release:

CAS No:

N511

PFAS:

NO

2018 Details

TRI FD:	8519WDSYBR752WA	Water:	0
Industry Sector Code:	311	Landfills:	0
Federal Facility:	NO	RCRA C Landfill:	0
Cas No Compound ID:	0007697372	Other Landfills:	0
Classification:	TRI	Land Treatment:	0
Primary SIC:		Surface Impndmnt:	0
Primary NAICS:	311511	RCRA Surface IM:	0
Metal:	NO	Other Surface I:	0
Carcinogen:	NO	Other Disposal:	0
Fugitive Air:	0	On Site Release Tot:	0
Stack Air:	0	Off Site Release Tot:	0
Underground:	0	Off Site Recycled Tot:	0
Underground CL I:	0	Total Releases:	0
Underground C II-V:	0		
Chemical:	Nitric acid		
Industry Sector:	Food		
Parent Co Name:	NAD83		
Standard Parent Co Name:			

DAISY BRAND LLC

One Time Release:

CAS No:

7697-37-2

PFAS:

NO

TRI FD:	8519WDSYBR752WA	Water:	0
Industry Sector Code:	311	Landfills:	0
Federal Facility:	NO	RCRA C Landfill:	0
Cas No Compound ID:	N511	Other Landfills:	0
Classification:	TRI	Land Treatment:	0
Primary SIC:		Surface Impndmnt:	0
Primary NAICS:	311511	RCRA Surface IM:	0
Metal:	NO	Other Surface I:	0
Carcinogen:	NO	Other Disposal:	0
Fugitive Air:	0	On Site Release Tot:	0
Stack Air:	0	Off Site Release Tot:	477
Underground:	0	Off Site Recycled Tot:	0
Underground CL I:	0	Total Releases:	477
Underground C II-V:	0		
Chemical:	Nitrate compounds (water dissociable; reportable only when in aqueous solution)		
Industry Sector:	Food		
Parent Co Name:	NAD83		
Standard Parent Co Name:			

DAISY BRAND LLC

One Time Release:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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CAS No:

N511

PFAS:

NO

2019 Details

TRI FD:	8519WDSYBR752WA	Water:	0
Industry Sector Code:	311	Landfills:	0
Federal Facility:	NO	RCRA C Landfill:	0
Cas No Compound ID:	0007697372	Other Landfills:	0
Classification:	TRI	Land Treatment:	0
Primary SIC:		Surface Impndmnt:	0
Primary NAICS:	311511	RCRA Surface IM:	0
Metal:	NO	Other Surface I:	0
Carcinogen:	NO	Other Disposal:	0
Fugitive Air:	0	On Site Release Tot:	0
Stack Air:	0	Off Site Release Tot:	0
Underground:	0	Off Site Recycled Tot:	0
Underground CL I:	0	Total Releases:	0
Underground C II-V:	0		
Chemical:	Nitric acid		
Industry Sector:	Food		
Parent Co Name:	NAD83		
Standard Parent Co Name:			

DAISY BRAND LLC

One Time Release:

CAS No:

7697-37-2

PFAS:

NO

TRI FD:	8519WDSYBR752WA	Water:	0
Industry Sector Code:	311	Landfills:	0
Federal Facility:	NO	RCRA C Landfill:	0
Cas No Compound ID:	N511	Other Landfills:	0
Classification:	TRI	Land Treatment:	0
Primary SIC:		Surface Impndmnt:	0
Primary NAICS:	311511	RCRA Surface IM:	0
Metal:	NO	Other Surface I:	0
Carcinogen:	NO	Other Disposal:	0
Fugitive Air:	0	On Site Release Tot:	0
Stack Air:	0	Off Site Release Tot:	0
Underground:	0	Off Site Recycled Tot:	0
Underground CL I:	0	Total Releases:	0
Underground C II-V:	0		
Chemical:	Nitrate compounds (water dissociable; reportable only when in aqueous solution)		
Industry Sector:	Food		
Parent Co Name:	NAD83		
Standard Parent Co Name:			

DAISY BRAND LLC

One Time Release:

CAS No:

N511

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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PFAS:

NO

2020 Details

TRI FD:	8519WDSYBR752WA	Water:	0
Industry Sector Code:	311	Landfills:	0
Federal Facility:	NO	RCRA C Landfill:	0
Cas No Compound ID:	0007697372	Other Landfills:	0
Classification:	TRI	Land Treatment:	0
Primary SIC:		Surface Impndmnt:	0
Primary NAICS:	311511	RCRA Surface IM:	0
Metal:	NO	Other Surface I:	0
Carcinogen:	NO	Other Disposal:	0
Fugitive Air:	0	On Site Release Tot:	0
Stack Air:	0	Off Site Release Tot:	0
Underground:	0	Off Site Recycled Tot:	0
Underground CL I:	0	Total Releases:	0
Underground C II-V:	0		
Chemical:	Nitric acid		
Industry Sector:	Food		
Parent Co Name:	NAD83		
Standard Parent Co Name:			

DAISY BRAND LLC

One Time Release:

CAS No:

7697-37-2

PFAS:

NO

TRI FD:	8519WDSYBR752WA	Water:	0
Industry Sector Code:	311	Landfills:	0
Federal Facility:	NO	RCRA C Landfill:	0
Cas No Compound ID:	N511	Other Landfills:	0
Classification:	TRI	Land Treatment:	0
Primary SIC:		Surface Impndmnt:	0
Primary NAICS:	311511	RCRA Surface IM:	0
Metal:	NO	Other Surface I:	0
Carcinogen:	NO	Other Disposal:	0
Fugitive Air:	0	On Site Release Tot:	0
Stack Air:	0	Off Site Release Tot:	434
Underground:	0	Off Site Recycled Tot:	0
Underground CL I:	0	Total Releases:	434
Underground C II-V:	0		
Chemical:	Nitrate compounds (water dissociable; reportable only when in aqueous solution)		
Industry Sector:	Food		
Parent Co Name:	NAD83		
Standard Parent Co Name:			

DAISY BRAND LLC

One Time Release:

CAS No:

N511

PFAS:

NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of 1	W	0.03 / 159.85	1,390.14 / -3	LKQ CASA GRANDE	DRYWELLS
AZ 0						
Drywell Nob ID:		73010-NOB12		Drywell Verifd Flg:		Y
Drywell Place ID:		180436		Drywell Verified:		Yes
Drywell Status:		ACTIVE		Drywell County:		
Drywell End Date:				Drywell Latitude:		32.87166
Drywell Collection:		PROVIDED BY OWNER/OPERATOR		Drywell Longitude:		-111.77483
Drywell Nob Place ID:		180426				
Drywell Name:		DW-10				
Data Source:		MyDEQ Drywells (ADEQ)				
Additional Drywell Data						
Cadastral:				X:		-111.77481908196187
Generated:		3/17/2022 3:00 AM		Y:		32.87165494699329
MyDEQ Facility Information						
FID:		138		Fac Collection:		PROVIDED BY OWNER/OPERATOR
Facility Place ID:		180426		Facility Generated:		3/17/2022 3:00 AM
Facility Code:		UND		Facility Cadastral:		D 6 5 25 ddb
Fac Placc Code:		PP		Facility County:		PINAL
Facility Status:		ACTIVE		Facility Latitude:		32.86747
Facility End Date:				Facility Longitude:		-111.778485
Fac Verified Flag:		N		X:		-111.77847408094586
Facility Verified:		No		Y:		32.86746494780633
Fac Place Type:		UNDEFINED PLACE TYPE				
Facility Name:		LKQ CASA GRANDE				
Facility Address:						
Facility City:						
Facility Zip Code:		0				
3	1 of 1	WSW	0.09 / 457.54	1,391.69 / -1	THORNTON APS SUBSTATION 83 S. THORNTON RD CASA GRANDE AZ	DRYWELLS HIST
County:						
State:		AZ				
Details						
Reg No:		57752		Unique ID:		57752
Cty Code:		07		Owner ID:		1
Bus Code:		10		Addl Fee:		
Bus Other:				App Date:		
Reg Thru No:		57752		App Dt App:		
NBR Dry Well:		1		App Rqrd:		
Fee:		100.00		Date Drop:		
Fac Phone:				Date Updat:		08/15/2018
PRP Own City:		PHOENIX AZ		Depth Hght:		
PRP Own Zip:		85072		Driveway:		X
PRP Own Phon:				Drllrs Log:		
Contact Ttl:		TORRENT RESOURCES		DW No:		
Contact Cty:				Dwstat:		A
Contact Zip:				Dwstat Oth:		
Contact Phn:				Futapprqrd:		
Township:		6S		Inc Submit:		
Range :		5E		Mgmtprcpln:		
Section 1:		25		Prmt Notify:		
Section 2:				Ref Complnc:		
Section 3:				Reg Key:		57752

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Qtrsection: Dw Pen Gw: Site Plnsnt: Entry Date: 17-Apr-18 Proj Ofcr: 121 Dwstatcnge: Incompltr: 17-Apr-18 Req Date: PRP Own Name: ARIZONA PUBLIC SERVICE PRP Own Addr: PO BOX 53933 Contact Nam: Cont Addr: Owner Conta: Reg No Flag: Reg No 1: 57752 Reg Receiv: 17-Apr-18 Req 2 Info: Rooftop: X Street: X Ver Date: 08/06/2018 Gscomments:						
4	1 of 1	WSW	0.11 / 571.00	1,391.47 / -2	APS Thornton Substation NULL Casa Grande AZ 85193	TIER 2
ID: 284310 Is Closed?: Not closed T2 Year: 2018 County: Pinal Latitude: 32.869101 Longitude: -111.77508 Driving Directions: see address provided						
5	1 of 1	WSW	0.12 / 638.75	1,391.46 / -2	THORNTON SUBSTATION CASA GRANDE AZ 85193	DRYWELLS
Drywell Nob ID: Drywell Place ID: Drywell Status: Drywell End Date: Drywell Collection: Drywell Nob Place ID: Drywell Name: Data Source: Historical Drywell Places (ADEQ) Drywell Verifd Flg: Drywell Verified: Drywell County: Drywell Latitude: Drywell Longitude:						
<u>Historical Facility Information</u>						
Facility Place ID: 166211 Drywells: 1 Facility Code: UND Fac Placc Code: PP Facility Status: ACTIVE Facility End Date: Fac Verified Flag: No Facility Verified: No Fac Place Type: UNDEFINED PLACE TYPE Facility Name: THORNTON SUBSTATION Facility Address: Facility City: CASA GRANDE Facility Zip Code: 85193 Fac Collection: PROVIDED BY OWNER/OPERATOR Facility Generated: 3/17/2022 3:00 AM Facility County: PINAL Facility Cadastral: Facility Latitude: 32.868922 Facility Longitude: -111.775147 X: -111.775136081588 Y: 32.86891694792941						
6	1 of 1	E	0.14 / 750.00	1,396.68 / 4	BAYER 749 W ASH AVE CASA GRANDE AZ 85193	RCRA NON GEN
EPA Handler ID: AZE200914001 Gen Status Universe: No Report Contact Name: Contact Address: Contact Phone No and Ext:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Contact Email:
Contact Country:
County Name: PINAL
EPA Region: 09
Land Type: Private
Receive Date: 20211108
Location Latitude: 32.872127
Location Longitude: -111.762791

Violation/Evaluation Summary

Note: NO RECORDS: As of Sep 2022, 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 Marketer: No

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20211108
Handler Name: BAYER
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20201214
Handler Name: BAYER
Source Type: Implementer
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: U185
Waste Code Description: BENZENE, PENTACHLORONITRO- (OR) PENTACHLORONITROBENZENE (PCNB)

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20200914
Handler Name: BAYER
Source Type: Notification
Federal Waste Generator Code: 2

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: U185
Waste Code Description: BENZENE, PENTACHLORONITRO- (OR) PENTACHLORONITROBENZENE (PCNB)

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	800 N LINDBERGH BLVD
Name:	MONSANTO COMPANY	Street 2:	
Date Became Current:	20100330	City:	CREVE COEUR
Date Ended Current:		State:	MO
Phone:	940-839-6042	Country:	US
Source Type:	Implementer	Zip Code:	63141

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	749 W ASH AVE
Name:	MONSANTO COMPANY	Street 2:	
Date Became Current:	20110104	City:	CASA GRANDE
Date Ended Current:		State:	AZ
Phone:		Country:	US
Source Type:	Notification	Zip Code:	85193

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	749 W ASH AVE
Name:	MONSANTO COMPANY	Street 2:	
Date Became Current:	20110104	City:	CASA GRANDE
Date Ended Current:		State:	AZ
Phone:		Country:	US
Source Type:	Implementer	Zip Code:	85193

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	800 N LINDBERGH BLVD
Name:	MONSANTO COMPANY	Street 2:	
Date Became Current:	20100330	City:	CREVE COEUR
Date Ended Current:		State:	MO
Phone:	940-839-6042	Country:	US
Source Type:	Notification	Zip Code:	63141

Historical Handler Details

Receive Dt: 20200914
Generator Code Description: Small Quantity Generator
Handler Name: BAYER

Receive Dt: 20201214
Generator Code Description: Small Quantity Generator
Handler Name: BAYER

7	1 of 1	E	0.44 / 2,333.03	1,398.66 / 6	CGES BUS MAINTENANCE FACILITY 501 S FLORENCE ST CASA GRANDE AZ 85122	LUST
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Facility ID:	0-003489	City (Search):	CASA GRANDE
Place ID (UST Rel):	31571	State (Search):	AZ
Status (UST Rel):	NOT ACTIVE	Zip (Search):	85122
Cadastral (USTRel):		City (LUST DI):	CASA GRANDE
Generate (UST Rel):	9/8/2022, 3:00 AM	State (LUST DI):	AZ
City (UST Rel):	CASA GRANDE	Zip (LUST DI):	85122
Zip (UST Rel):	85122	County (LUST DI):	Pinal
County (UST Rel):	Pinal	Latitude:	32.871452884
County (LUST Srch):	Pinal	Longitude:	-111.758976055

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Name (UST Rel):		CGES BUS MAINTENANCE FACILITY				
Address (UST Rel):		501 S FLORENCE ST				
Place Type (UST Rel):		AUTO/VEHICLE REPAIR FACILITY				
Facility Name (Search):		CGES BUS MAINTENANCE FACILITY				
Address (Search):		501 S FLORENCE ST				
Facility Name(LUST DI):		CGES BUS MAINTENANCE FACILITY				
Address (LUST DI):		501 S FLORENCE ST				
Data Source:		ADEQ LUST Database Search; ADEQ LUST Database Download; ADEQ eMaps UST Releases				

ADEQ LUST Database Search

Leak ID:	4900.01	Release Reportd Dt:	06/18/1998
Priority Level:	5R1	Release Closure Dt:	12/16/1999
Release Status:	Closed	Data Source:	ADEQ LUST Database Search

ADEQ eMaps UST Releases

Case No:	4900.01	LUST No.:	4900
Status:	Closed	LUST Closure:	12/16/1999, 3:00 AM
Fac Place:	31571	Confirmed:	6/17/1998, 3:00 AM
FID:	4265	Generated:	9/8/2022, 3:00 AM
Discovered:	6/17/1998, 3:00 AM	Data Source:	ADEQ eMaps UST Releases
Reported Date:	6/18/1998, 3:00 AM		
Priority D:	Closed soil-only CoC levels meet RBCA Tier 1 standards		
Location Description:	(3) diesel fuel USTs		

ADEQ LUST Database Download

LUST Release ID:	4900.01	LUST Reported Date:	6/18/1998
LUST Status:	Closed	LUST Closure Date:	12/16/1999
Priority Code:	5R1	Data Source:	ADEQ LUST Database Download
Priority Description:	Closed soil-only CoC levels meet RBCA Tier 1 standards		

ADEQ eMaps UST Facility Details

Lust No:	4900
FID:	3366

<u>8</u>	1 of 1	ESE	0.55 / 2,906.44	1,401.96 / 9	CASA GRANDE LANDFILL 1601 S CHUICHU RD CASA GRANDE AZ 85222	SHWS ACIDS
ACIDS ID:		52				
EPA ID:		AZD980817464				
Water Qual Assur Revol Fund:						
File Location:		The PA/SI for these sites have been completed and are available for review. Appointments to review files located within this program may be made through the Preremedial Unit Secretary. Telephone: (602) 2074227.				

<u>9</u>	1 of 1	NE	0.61 / 3,203.61	1,392.27 / -1	OCCIDENTAL CHEMICAL CO CASA GRANDE 447 W FIRST ST CASA GRANDE AZ 85222	SHWS ACIDS
ACIDS ID:		227				
EPA ID:		AZD070255484				
Water Qual Assur Revol Fund:						
File Location:		The PA/SI for these sites have been completed and are available for review. Appointments to review files located within this program may be made through the Preremedial Unit Secretary. Telephone: (602) 2074227.				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>10</u>	1 of 1	NE	0.65 / 3,418.94	1,389.78 / -3	ADOT CASA GRAHDE 613 WEST 1ST ST. AND HWY 84 CASA GRANDE AZ 85222	SHWS ACIDS
ACIDS ID:		818				
EPA ID:		AZD981997471				
Water Qual Assur Revol Fund:						
File Location:		The PA/SI for these sites have been completed and are available for review. Appointments to review files located within this program may be made through the Preremedial Unit Secretary. Telephone: (602) 2074227.				
<u>11</u>	1 of 1	E	0.83 / 4,384.95	1,402.02 / 9	UNICHEM 519 E. MAIN STREET CASA GRANDE AZ 85222	SHWS ACIDS
ACIDS ID:		1369				
EPA ID:		AZ000 1039593				
Water Qual Assur Revol Fund:						
File Location:		A Preliminary Assessment/Site Inspection (PA/SI) is in progress for this site for the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of federal Superfund program. These files are considered to be confidential until the report has been reviewed and approved by EPA. Contact the Preremedial Unit for a status update of these sites. Telephone (602) 207-4227.				

Unplottable Summary

Total: 0 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
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No unplottable records were found that may be relevant for the search criteria.

Unplottable Report

No unplottable records were found that may be relevant for the search criteria.

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 and E1527-21, 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:

[DOE FUSRAP](#)

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:

[NPL](#)

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities 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. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jul 26, 2022

National Priority List - Proposed:

[PROPOSED NPL](#)

Sites proposed - by the EPA, the state agency, 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. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jul 26, 2022

Deleted NPL:

[DELETED NPL](#)

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. 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. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jul 26, 2022

SEMS List 8R Active Site Inventory:[SEMS](#)

The U.S. Environmental Protection Agency's (EPA) 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. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Sep 28, 2022

Inventory of Open Dumps, June 1985:[ODI](#)

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites:[SEMS ARCHIVE](#)

The U.S. Environmental Protection Agency's (EPA) 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. This data includes sites from the List 8R Archived site file.

Government Publication Date: Sep 28, 2022

Comprehensive Environmental Response, Compensation and Liability Information System -[CERCLIS](#)**CERCLIS:**

Superfund 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

EPA Report on the Status of Open Dumps on Indian Lands:[IODI](#)

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

CERCLIS - No Further Remedial Action Planned:[CERCLIS NFRAP](#)

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:[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). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:[RCRA CORRACTS](#)

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: Sep 5, 2022

RCRA non-CORRACTS TSD Facilities:[RCRA TSD](#)

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: Sep 5, 2022

RCRA Generator List:[RCRA LQG](#)

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: Sep 5, 2022

RCRA Small Quantity Generators List:[RCRA SQG](#)

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: Sep 5, 2022

RCRA Very Small Quantity Generators List:[RCRA VSQG](#)

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: Sep 5, 2022

RCRA Non-Generators:[RCRA NON GEN](#)

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: Sep 5, 2022

RCRA Sites with Controls:[RCRA CONTROLS](#)

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Sep 5, 2022

Federal Engineering Controls-ECs:[FED ENG](#)

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). 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. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Oct 27, 2022

Federal Institutional Controls- ICs:

FED INST

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs 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 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. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Oct 27, 2022

Land Use Control Information System:

LUCIS

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

Institutional Control Boundaries at NPL sites:

NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. 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.

Government Publication Date: Jul 26, 2022

Emergency Response Notification System:

ERNS 1982 TO 1986

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:

ERNS 1987 TO 1989

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:

ERNS

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: Aug 28, 2022

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

FED BROWNFIELDS

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 data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing:

FEMA UST

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:

FRP

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 31, 2021

Delisted Facility Response Plans:

DELISTED FRP

Facilities that once appeared in - and have since been removed from - the 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 31, 2021

Historical Gas Stations:

HIST 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:

REFN

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: Aug 30, 2022

Petroleum Product and Crude Oil Rail Terminals:

BULK TERMINAL

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: Jun 29, 2022

LIEN on Property:

SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Sep 28, 2022

Superfund Decision Documents:

SUPERFUND ROD

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: Sep 28, 2022

State**Waste Program Remedial Projects - Superfund & DOD:**

SHWS

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: Aug 13, 2022

CERCLIS Information Data System (ACIDS):

SHWS 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 (WQARF) 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).

Water Quality Assurance Revolving Fund Sites (WQARF):

[WQARF](#)

The Arizona Department of Environmental Quality (ADEQ) Water Quality Assurance Revolving Fund (WQARF) 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 WQARF Registry, sites removed from the WQARF Registry, and sites requiring remediation under the WQARF Emergency Response.

Government Publication Date: Aug 13, 2022

Delisted WQARF, Superfund, DOD:

[DELISTED SUPERFUND](#)

List of sites which once appeared, but have since been removed from either the WQARF Registry, Superfund Sites, Department of Defense Sites, or Superfund Alternative Sites.

Government Publication Date: Aug 13, 2022

Directory of Solid Waste Facilities:

[SWF/LF](#)

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 31, 2022

Leaking Underground Storage Tanks:

[LUST](#)

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: Sep 8, 2022

Delisted Leaking Underground Storage Tanks:

[DELISTED LUST](#)

A list of sites that once appeared on - and have since been removed from - the list of Leaking Underground Storage tanks made available by the Arizona Department of Environmental Quality.

Government Publication Date: Sep 8, 2022

Underground Storage Tanks List:

[UST](#)

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: Nov 14, 2022

Aboveground Storage Tanks:

[AST](#)

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:

[AST2](#)

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: Nov 28, 2022

Delisted Storage Tanks List:

[DELISTED TANKS](#)

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: Nov 28, 2022

Environmental Use Restriction Sites List:

[AUL](#)

A list of sites with either a Declaration of Environmental Use Restriction (DEUR) or a Voluntary Environmental Mitigation Use Restriction (VEMUR) from the Arizona Department of Environmental Quality's (ADEQ) Remediation and DEUR Tracking System (RDT) and/or the AZURITE Database of License Applications. 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: Oct 13, 2022

Remediation and DEUR Tracking Other Remediation Sites:

RDT OTHER

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

Government Publication Date: Oct 13, 2022

Voluntary Remediation Program:

VCP

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:

BROWNFIELDS

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**White Mountain Apache Tribe Brownfields:**

BROWNFIELDS WMAT

This Brownfields Inventory is made available by the White Mountain Apache Tribe (WMAT) Environmental Protection Office (EPO). The sites represent potential brownfields sites identified on the Fort Apache Indian Reservation by the WMATs EPO. The inclusion of a site in this inventory does not denote that the site is contaminated or that it poses an environmental or human health risk.

Government Publication Date: Mar 30, 2015

Salt River Pima Maricopa Indian Community Brownfields:

SRPMIC BROWNFIELDS

This Brownfield Program Public Record site listing is made available by the Environmental Protection and Natural Resources Division (EPNR) of the Community Development Department (CDD). The EPNR of the CDD was established to enhance the quality of life within the Salt River Pima-Maricopa Indian Community (SRPMIC) by protecting and preserving the land, ecosystems, wildlife, history, and natural resources of the Community. The list contains public information regarding ongoing Brownfield assessments, clean ups and/or planned assessments, cleanups, remediation and information inviting community involvement in identifying potential Brownfield sites.

Government Publication Date: Nov 22, 2021

Leaking Underground Storage Tanks (LUSTs) on Indian Lands:

INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 9, which includes Arizona, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Apr 8, 2022

Underground Storage Tanks (USTs) on Indian Lands:

INDIAN UST

USTs on Tribal/Indian Lands in Region 9, which includes Arizona.

Government Publication Date: Apr 8, 2022

Delisted Tribal Leaking Storage Tanks:

DELISTED ILST

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

Government Publication Date: Apr 9, 2022

Delisted Tribal Underground Storage Tanks:

DELISTED IUST

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

Government Publication Date: Apr 20, 2022

County

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

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index:

FINDS/FRS

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:

TRIS

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 primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Releases:

PFAS TRI

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: Aug 24, 2021

PFOA/PFOS Contaminated Sites:

PFAS NPL

List of National Priorities List (NPL) and related Superfund Alternative Agreement (SAA) sites where PFOA or PFOS contaminants have been found in water and/or soil. The site listing is provided by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Oct 4, 2022

Perfluorinated Alkyl Substances (PFAS) Water Quality:

PFAS WATER

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

SSEHRI PFAS Contamination Sites:

PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations <https://pfasproject.com/pfas-contamination-site-tracker/>

Government Publication Date: Dec 12, 2019

National Response Center PFAS Spills:

ERNS PFAS

National Response Center (NRC) calls from 1990 to the most recent complete calendar year where there is indication of Aqueous Film Forming Foam (AFFF) usage. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Data made available by the US Environmental Protection Agency (EPA). Disclaimer: dataset may include initial or misidentified incident data not yet validated or investigated by a federal/state response agency.

Government Publication Date: Feb 23, 2022

Hazardous Materials Information Reporting System:

HMIRS

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:

NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), 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: Aug 30, 2022

Toxic Substances Control Act:

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 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:

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:

FTTS ADMIN

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:

FTTS INSP

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:

PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Sep 28, 2022

State Coalition for Remediation of Drycleaners Listing:

SCRD DRYCLEANER

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. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

ICIS

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online system incorporates data from the Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. This data includes permit, inspection, violation and enforcement action information for applicable ICIS records.

Government Publication Date: Oct 15, 2022

Drycleaner Facilities:

FED DRYCLEANERS

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: Jun 25, 2022

Delisted Drycleaner Facilities:

DELISTED FED DRY

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: Jun 25, 2022

Formerly Used Defense Sites:

FUDS

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. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset.

Government Publication Date: Jul 12, 2022

Former Military Nike Missile Sites:

FORMER NIKE

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 or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents:

PIPELINE INCIDENT

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):

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:

HIST MLTS

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:

MINES

The Master Index File (MIF) is provided by the United State Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Aug 3, 2022

Surface Mining Control and Reclamation Act Sites:

SMCRA

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.

Mineral Resource Data System:

MRDS

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 topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites:

URANIUM

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Title II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Jun 21, 2022

Alternative Fueling Stations:

ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG) fuel type locations.

Government Publication Date: Oct 10, 2022

Superfunds Consent Decrees:

CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Sep 15, 2022

Air Facility System:

AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments:

SSTS

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: Mar 30, 2022

Polychlorinated Biphenyl (PCB) Transformers:

PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers:

PCB

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: Jul 28, 2022

State**Hazardous Material Logbook/Spills:**

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:

DRYCLEANERS

This list of dry cleaners includes sites from two sources: the 2016 Arizona Department of Environmental Quality (ADEQ) Dry Cleaners list, and the 2006 Dry Cleaner Inventory Project by Miller Brooks Environmental for ADEQ. The 2016 ADEQ Dry Cleaners list does not distinguish between contaminated or non-contaminated facilities and only provides limited details per facility with a Place ID. The 2006 Dry Cleaner Inventory Project was commissioned to assist in the identification, prioritization, investigation, and remediation of sites that have released hazardous substances into the lands and waters of the state. This Inventory includes the following types of sites: Sites with Known Contamination (sites with documented contamination, or a history of release and/or prior site characterization and remedial activities); Sites with High Potential for Release (sites with multiple owners, sites that have been in operation more than 10 years, sites that specifically operated between 1935 and 1984, and high-volume sites); and Sites with Low Potential for Release (sites that have been in operation only after 1985, or prior to 1934, sites that "broker" cleaning services to other facilities, and sites that operate primarily as a coin-operated laundry facility). Disclaimer: Due to the time spanned between these listings and available details, multiple listings may occur. Per ADEQ, these listings are no longer updated.

Government Publication Date: Jul 10, 2021

Per- and Polyfluoroalkyl Substances (PFAS):

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 in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

Government Publication Date: May 10, 2022

Air Permits Major/Minor Sources:

AIR PERMITS

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: Aug 16, 2022

Drywell Database:

DRYWELLS

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

Government Publication Date: Mar 17, 2022

Historical Drywells:

DRYWELLS HIST

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 Labs Remediation:

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:

CDL

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.

Tier 2 Chemical Inventory Reporting:

[TIER 2](#)

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 (EPCRA) 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, 2018

Biohazardous Medical Waste Facilities:

[BIO HAZ WASTE](#)

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

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. Source: Google Elevation API.

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.

APPENDIX D
HISTORICAL DOCUMENTS



HISTORICAL AERIALS

Project Property: ~36 Acres Vacant Land
SE of Thornton Road & Ash Avenue
Casa Grande AZ 85122

Project No: 22-1206

Requested By: The McGovern Group

Order No: 22120700975

Date Completed: December 08, 2022

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present 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

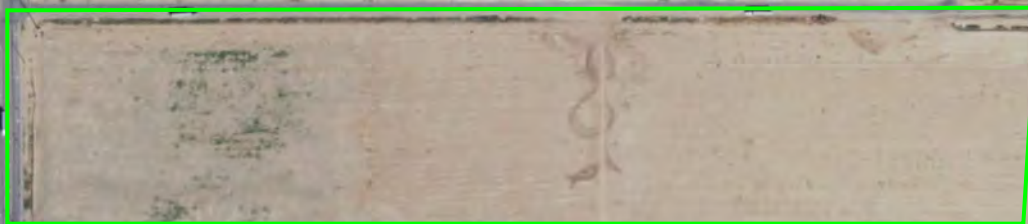
Date	Source	Scale	Comments
2021	United States Department of Agriculture	1" = 500'	
2019	United States Department of Agriculture	1" = 500'	
2017	United States Department of Agriculture	1" = 500'	
2015	United States Department of Agriculture	1" = 500'	
2013	United States Department of Agriculture	1" = 500'	
2010	United States Department of Agriculture	1" = 500'	
2007	United States Department of Agriculture	1" = 500'	
2005	United States Department of Agriculture	1" = 500'	
2003	United States Department of Agriculture	1" = 500'	
1996	United States Geological Survey	1" = 500'	
1990	United States Geological Survey	1" = 500'	
1983	United States Geological Survey	1" = 500'	
1978	United States Air Force	1" = 500'	
1971	National Aeronautics And Space Admin	1" = 500'	
1961	United States Geological Survey	1" = 500'	
1956	Army Mapping Service	1" = 500'	
1949	Agricultural Stabilization & Conserv. Service	1" = 500'	
1936	Agricultural Stabilization & Conserv. Service	1" = 500'	

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

one inch



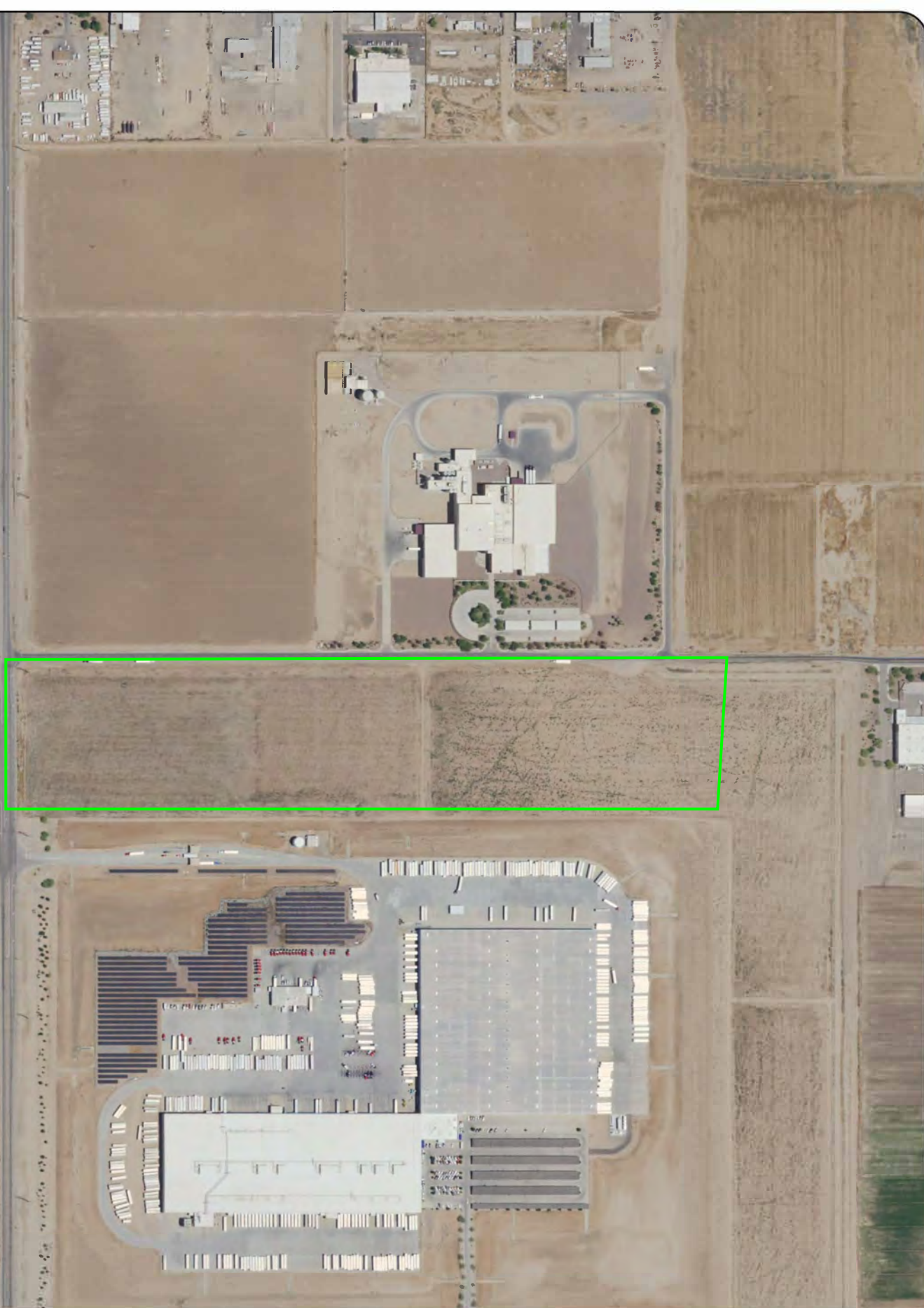
Year: 2021
Source: USDA
Scale: 1" = 500'
Comment:

Address: SE of Thornton Road & Ash Avenue,
Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975



one inch

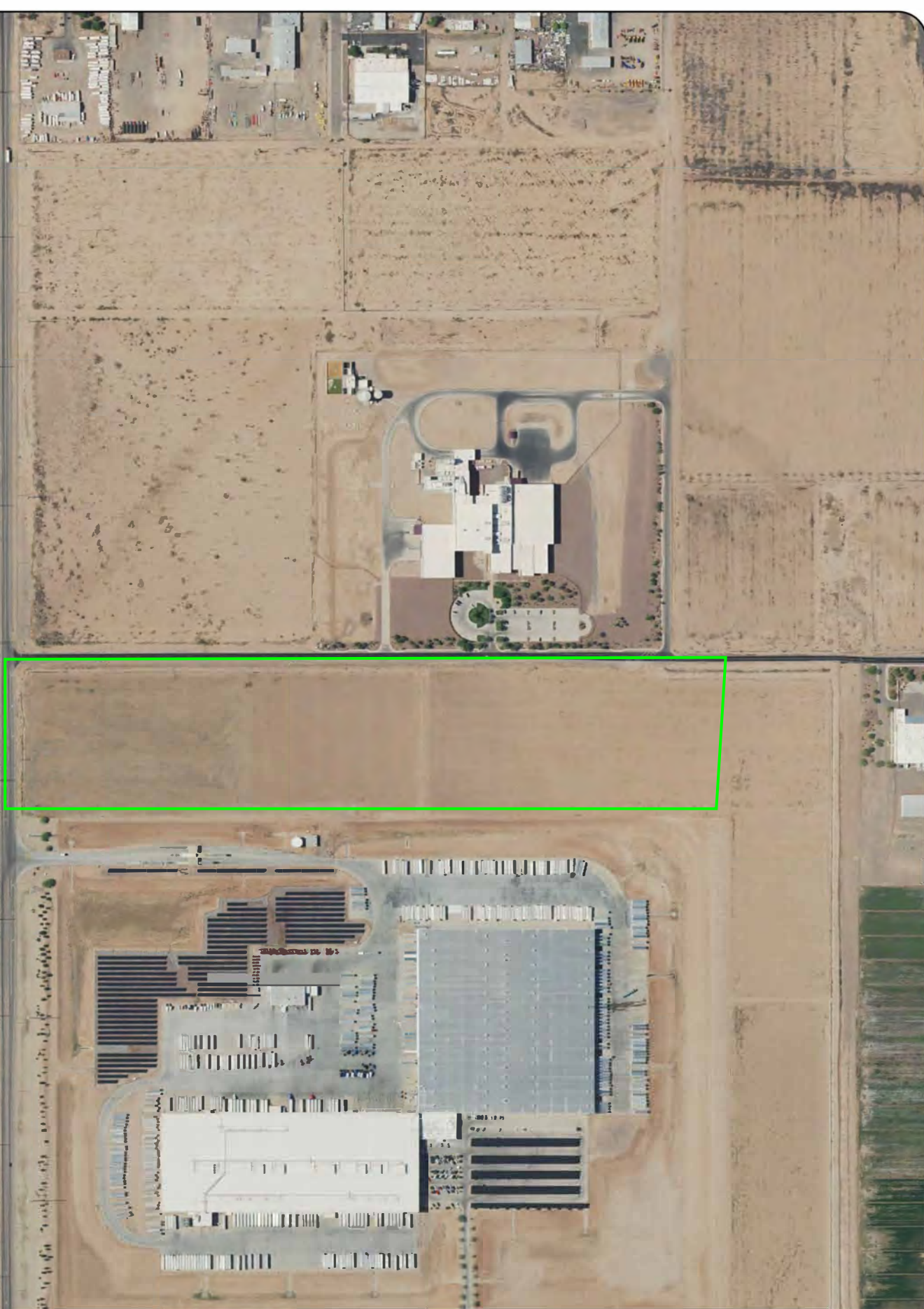


Year: 2019
Source: USDA
Scale: 1" = 500'
Comment:

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Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975





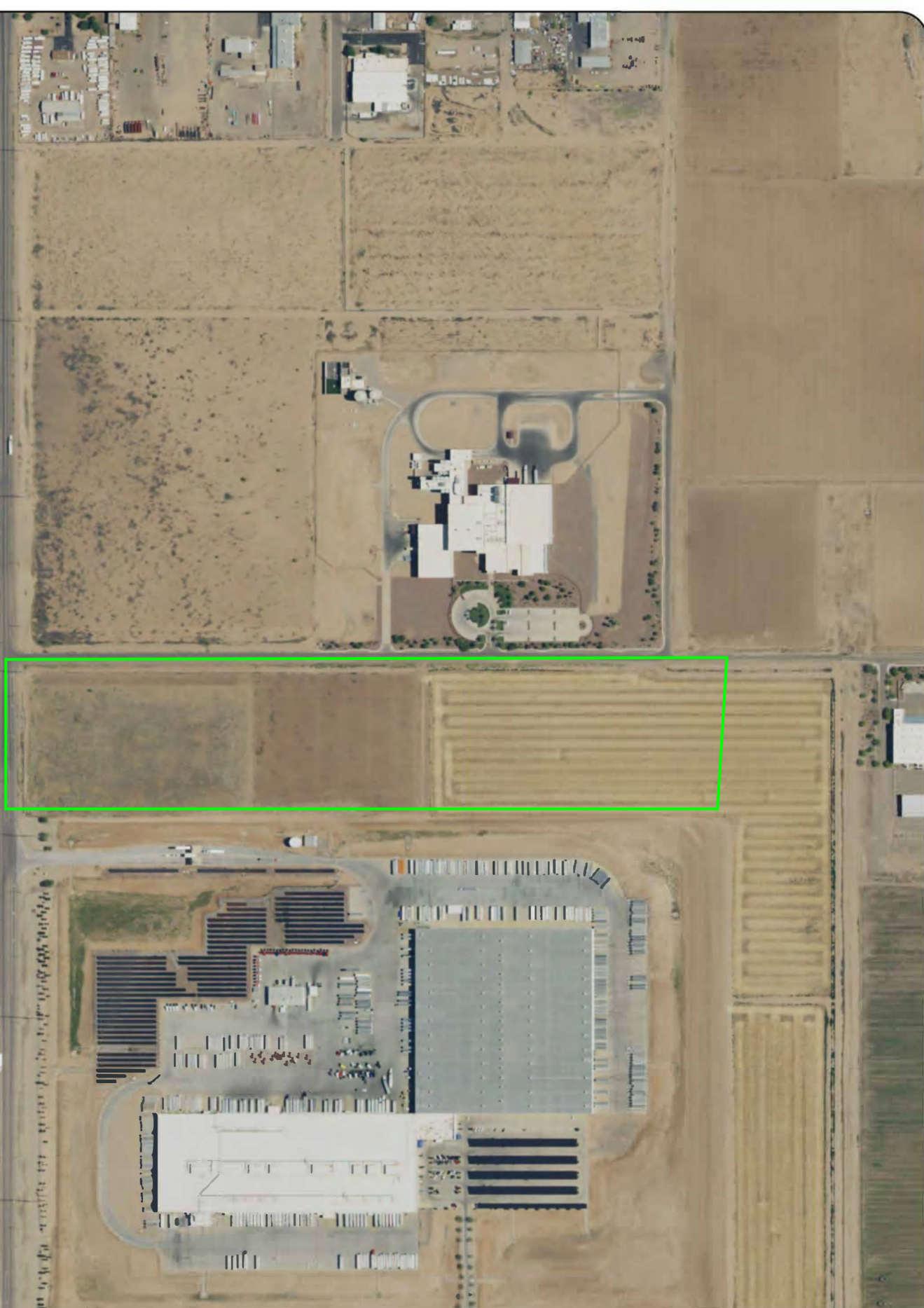
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Scale: 1" = 500'
Comment:

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Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975



one inch



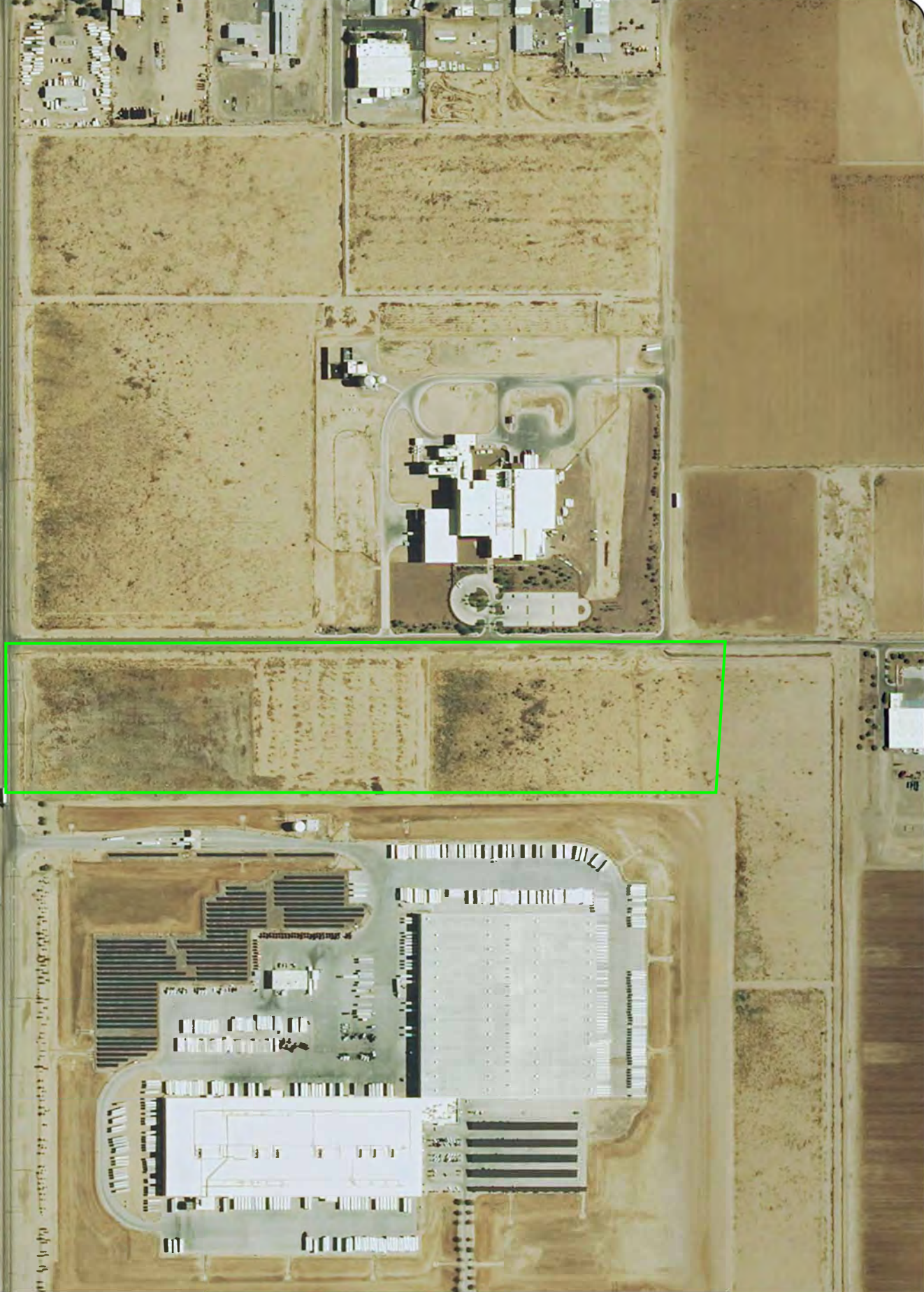
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Comment:

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Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975



one inch



Year: 2013
Source: USDA
Scale: 1" = 500'
Comment:

Address: SE of Thornton Road & Ash Avenue,
Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975



one inch

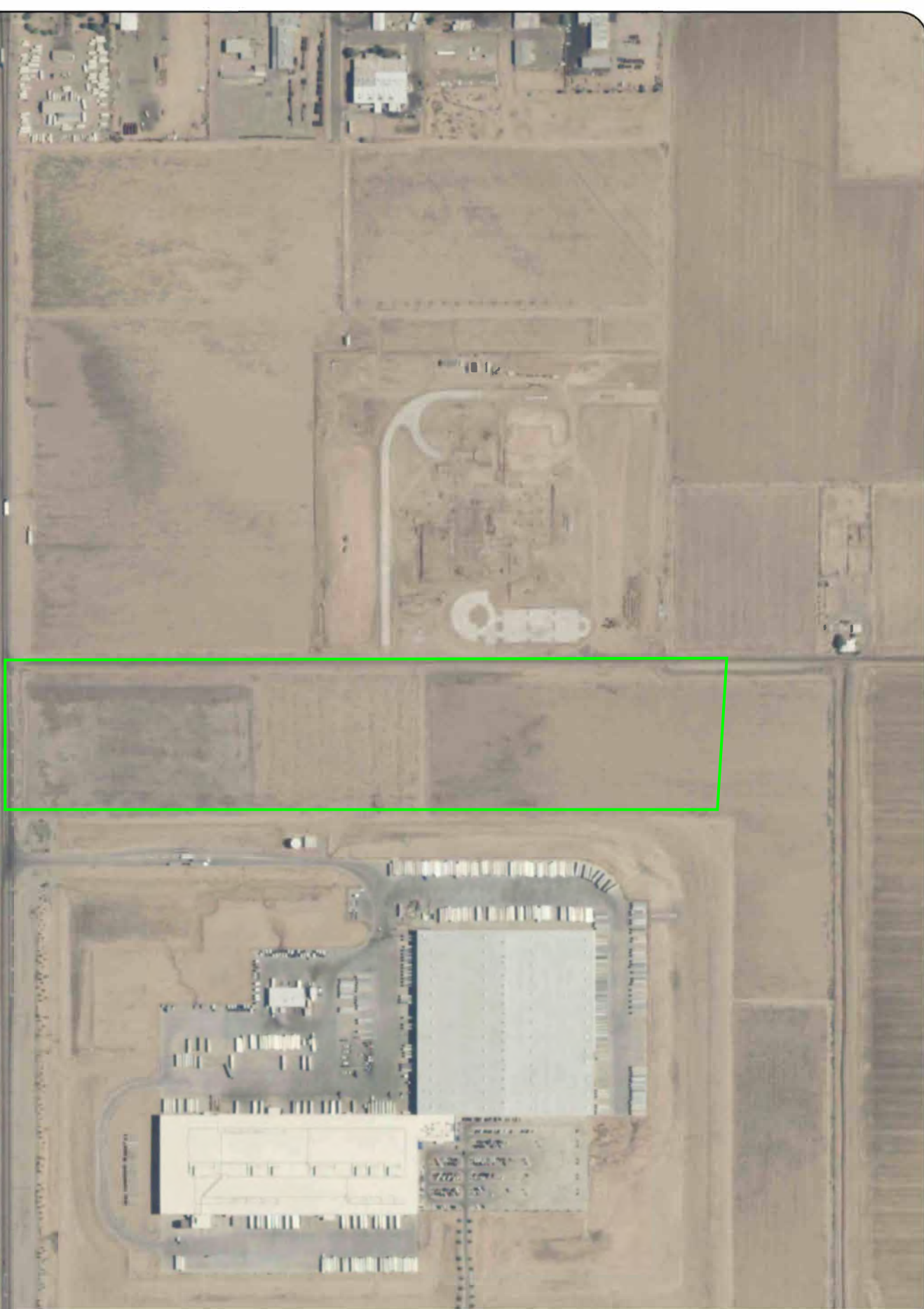


Year: 2010
Source: USDA
Scale: 1" = 500'
Comment:

Address: SE of Thornton Road & Ash Avenue,
Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975





Year: 2007
Source: USDA
Scale: 1" = 500'
Comment:

Address: SE of Thornton Road & Ash Avenue,
Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975



one inch

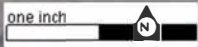


Year: 2005
Source: USDA
Scale: 1" = 500'
Comment:

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Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975





Year: 2003
Source: USDA
Scale: 1" = 500'
Comment:

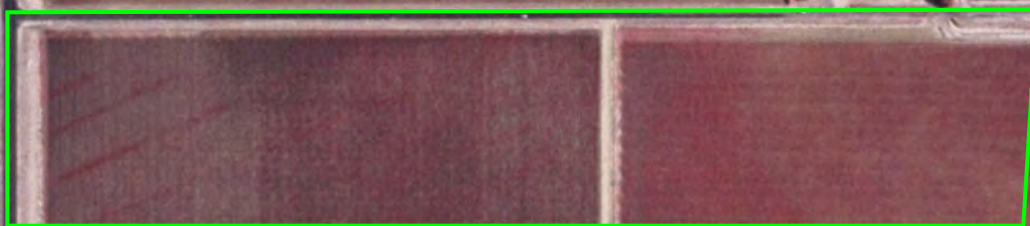
Address: SE of Thornton Road & Ash Avenue,
Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975



one inch

N



Year: 1996
Source: USGS
Scale: 1" = 500'
Comment:

Address: SE of Thornton Road & Ash Avenue,
Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975



one inch



Year: 1990
Source: USGS
Scale: 1" = 500'
Comment:

Address: SE of Thornton Road & Ash Avenue,
Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975





Year: 1983
Source: USGS
Scale: 1" = 500'
Comment:

Address: SE of Thornton Road & Ash Avenue,
Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975



one inch



Year: 1978
Source: USAF
Scale: 1" = 500'
Comment:

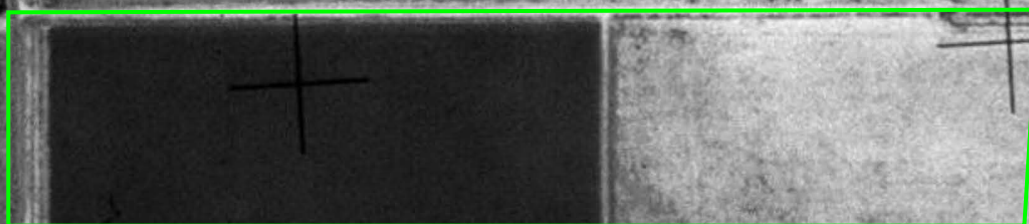
Address: SE of Thornton Road & Ash Avenue,
Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975



one inch

N

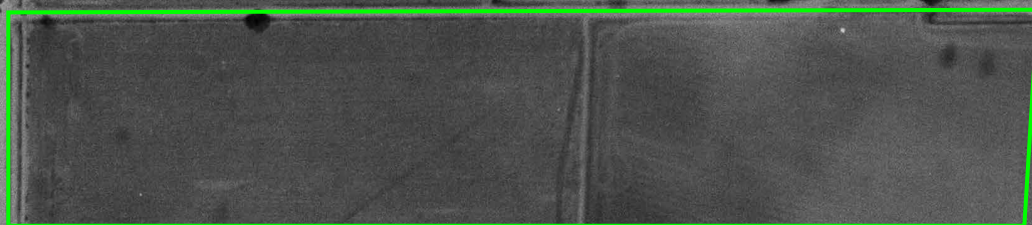
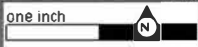


Year: 1971
Source: NASA
Scale: 1" = 500'
Comment:

Address: SE of Thornton Road & Ash Avenue,
Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975



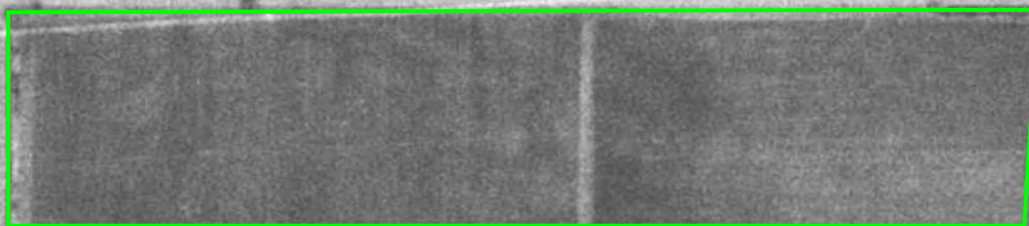
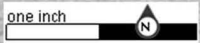


Year: 1961
Source: USGS
Scale: 1" = 500'
Comment:

Address: SE of Thornton Road & Ash Avenue,
Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975



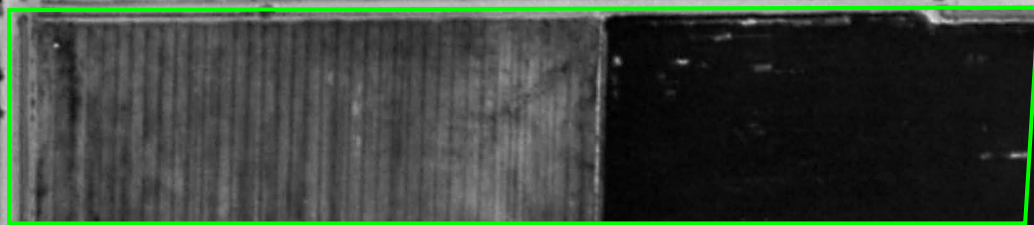


Year: 1956
Source: AMS
Scale: 1" = 500'
Comment:

Address: SE of Thornton Road & Ash Avenue,
Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975



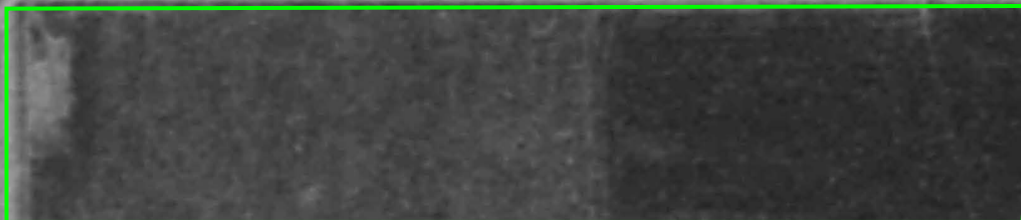


Year: 1949
Source: ASCS
Scale: 1" = 500'
Comment:

Address: SE of Thornton Road & Ash Avenue,
Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975





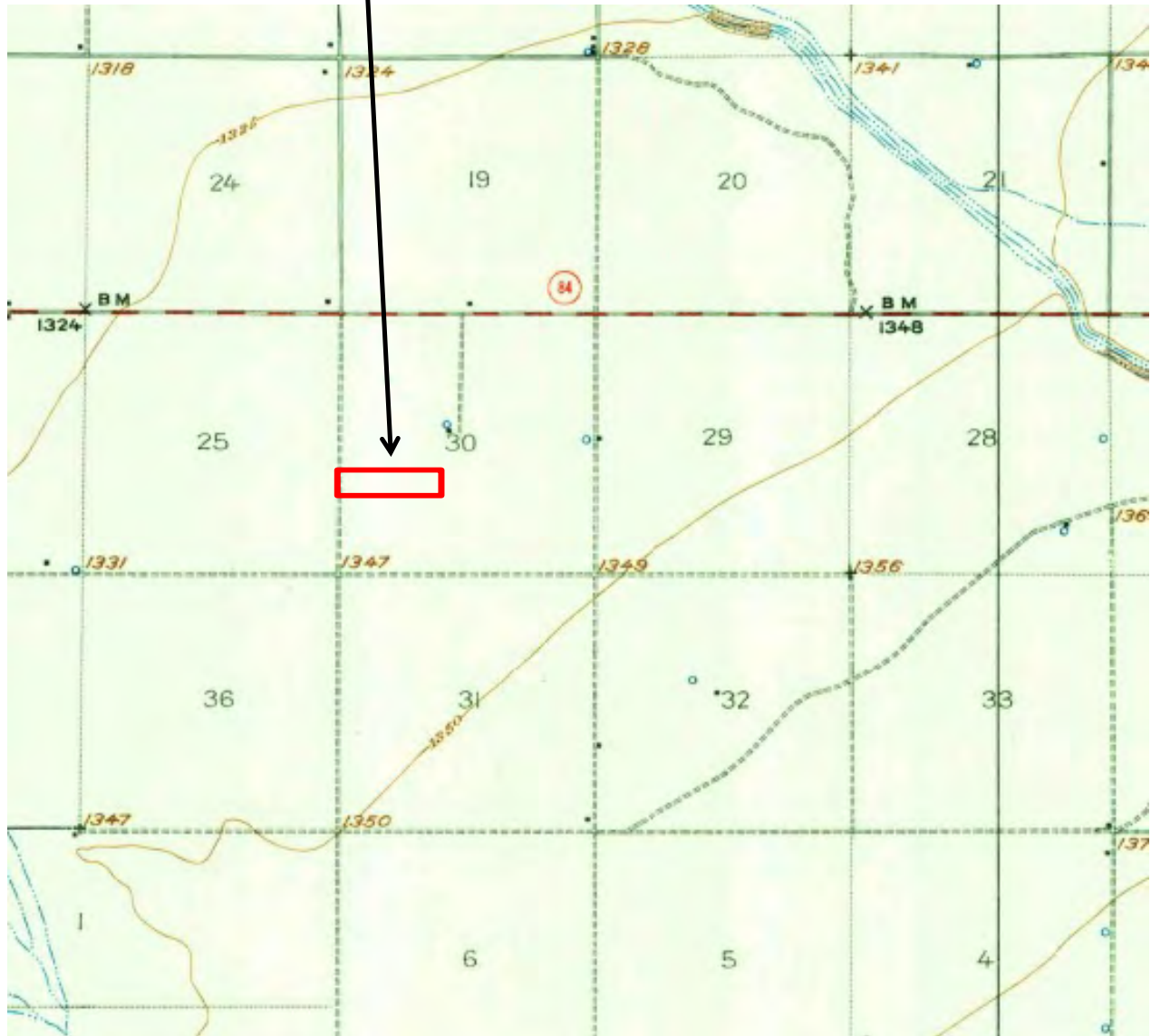
Year: 1936
Source: ASCS
Scale: 1" = 500'
Comment:

Address: SE of Thornton Road & Ash Avenue,
Casa Grande, AZ
Approx Center: -111.76982569,32.87131379

Order No: 22120700975



Approximate
Property Boundaries



Source: USGS

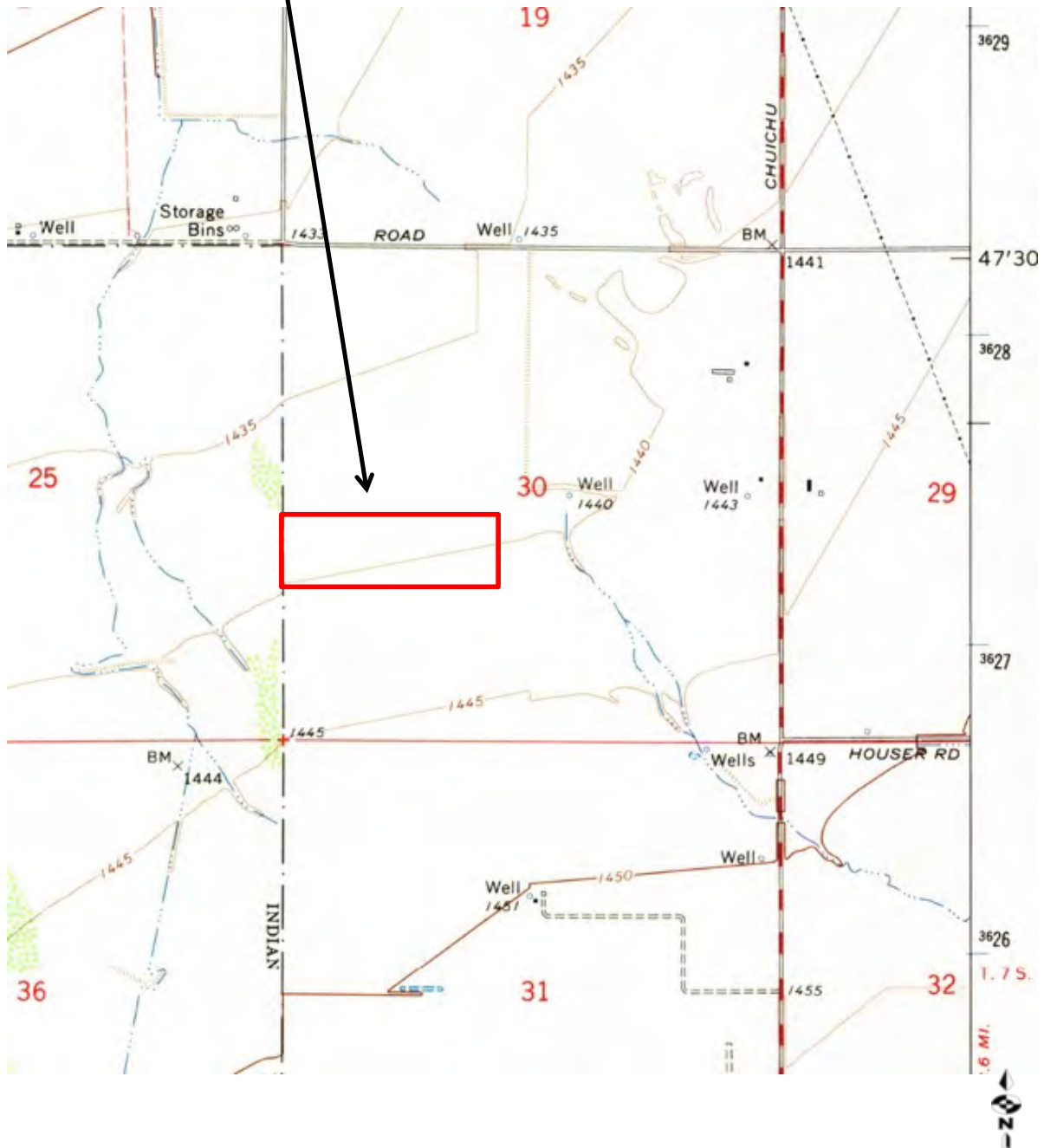
THE
McGovern
GROUP LLC

1922 USGS 15-Minute Topographic Map
Casa Grande, Arizona

~36-Acre Vacant Land
Southeast of Thornton Road & Ash Avenue
Casa Grande, Arizona 85122

TMG Project
No. 22-1206
Dec 2022

Approximate
Property Boundaries



Source: USGS

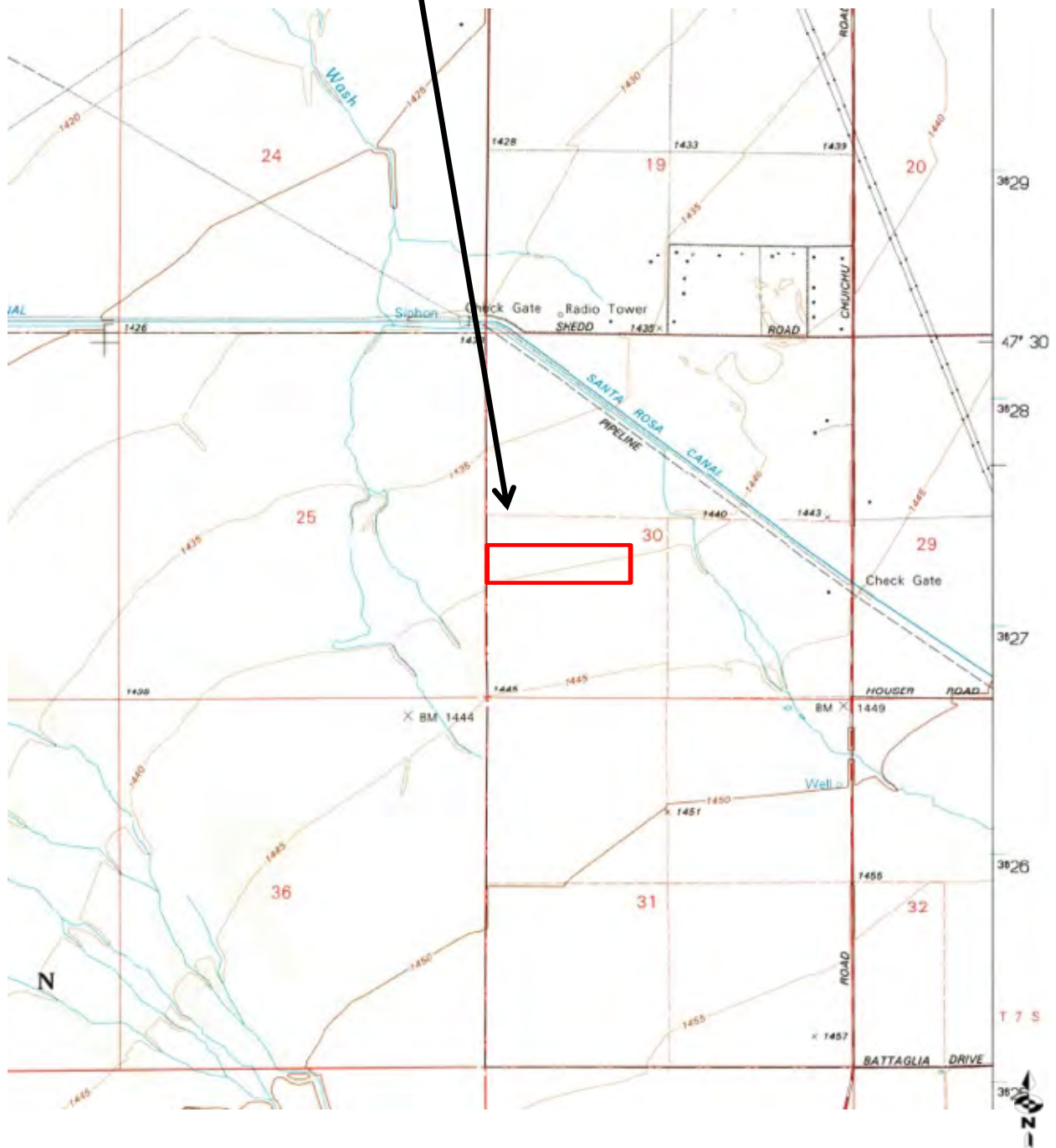
THE
McGovern
GROUP LLC

1965 USGS 7.5-Minute Topographic Map
Chuichu, Arizona

~36-Acre Vacant Land
Southeast of Thornton Road & Ash Avenue
Casa Grande, Arizona 85122

TMG Project
No. 22-1206
Dec 2022

Approximate
Property Boundaries



Source: USGS

THE
McGovern
GROUP LLC

1992 USGS 7.5-Minute Topographic Map
Chuichu, Arizona

~36-Acre Vacant Land
Southeast of Thornton Road & Ash Avenue
Casa Grande, Arizona 85122

TMG Project
No. 22-1206
Dec 2022

Approximate
Property Boundaries

7.5-MINUTE SERIES



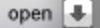
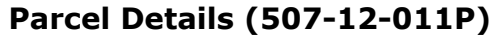
Source: USGS

THE
McGovern
GROUP LLC

2018 USGS 7.5-Minute Topographic Map
Chuichu, Arizona
~36-Acre Vacant Land
Southeast of Thornton Road & Ash Avenue
Casa Grande, Arizona 85122

TMG Project
No. 22-1206
Dec 2022

APPENDIX E
GOVERNMENT RECORDS



Print View

2023 ▼

Tax Year Chart

Parcel Number: 507-12-011P ([View Tax Info](#))

Primary Owner:	THORNTON & ASH LLC
-----------------------	--------------------

Section: 30 **Township:** 06S **Range:** 06E

Name 2:

Map: [Assessor Parcel Viewer](#)

In C/O:

Property Description: (What is this?)

Tax Bill Mailing Address

COMMENCING @ THE WEST QTR CORNER OF SEC
30 6S 6E TH S 30 TO POB TH E 1222.71 TH S
570.03 TH W 1222.71 TH N 570 TO POB AKA
TRACT 1 IN SURVEY 2009 078623 16 AC

Address:	1793 N BIANCO RD
-----------------	------------------

City:	CASA GRANDE
--------------	-------------

State:	AZ
---------------	----

Zip Code:	85193
------------------	-------

Date of Recording: 10/29/2014

Property Address (Location):

Sale Amount:	\$531,625.00
---------------------	--------------

Subdivision:

Unit:	Block:	Lot:	Phase:
--------------	---------------	-------------	---------------

Cabinet:		Slide:
-----------------	--	---------------

Yes **No**

Widow	X
-------	---

Widower X

Disabled	X
----------	---

Senior Freeze	X
---------------	---

Imp:	0.00	Item:	
-------------	------	--------------	--

Const year:	0	Grnd Flr Perim:	0
--------------------	---	------------------------	---

Stories:	Total Sq. Ft.:	0
-----------------	-----------------------	---

Imp:	0.00	Item:	Mobile Office
Const year:	1994	Grnd Flr Perim:	0
Stories:		Total Sq. Ft.:	0
Imp:	0.00	Item:	Mobile Office
Const year:	1994	Grnd Flr Perim:	0
Stories:		Total Sq. Ft.:	0

Parcel Size:	16.00
Size Indicator:	Acres
Tax Area Code:	0428 (Rates current as of 2021)
Use Code:	0004
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp
Impr. Legal Class:	
Full Cash Value (FCV):	\$836,352.00
Limited Value (LPV):	\$227,726.00
Real Property Ratio:	
Assessed FCV:	\$125,453.00
Assessed LPV:	\$34,158.92

 [COMPARABLE PROPERTIES](#)

Attached Personal Property:	View Personal Property Attached To This Parcel
------------------------------------	--

*The data presented on this website is deemed reliable but not guaranteed. This information should be used for informational use only and does not constitute a legal document for the description of these properties. The Pinal County Assessor's Office disclaims any responsibility or liability for any direct or indirect damages resulting from the use of this data.



OFFICIAL RECORDS OF
PINAL COUNTY RECORDER
VIRGINIA ROSS

RECORDING REQUESTED BY:
Title Security Agency, LLC
AND WHEN RECORDED MAIL TO:
Thornton and Ash LLC
1793 N. Bianco Rd.
Casa Grande, AZ 85193

DATE/TIME: 10/29/2014 1623

FEE: \$11.00

PAGES: 4

FEE NUMBER: 2014-062313



ESCROW NO: 600-30015-TS
600-30015-TS

SPACE ABOVE THIS LINE FOR RECORDER'S USE

SPECIAL WARRANTY DEED

For the consideration of Ten Dollars, and other valuable considerations, I or we,

DHB Real Estate LLC, an Arizona Limited Liability Company

do/does hereby convey to

Thornton and Ash LLC, an Arizona Limited Liability Company

the following real property situated in **Pinal** County, Arizona:

See Exhibit "A" attached hereto and made a part hereof.

SUBJECT TO: Current taxes and other assessments, reservations in patents and all easements, rights of way, encumbrances, liens, covenants, conditions, restrictions, obligations, and liabilities as may appear of record.

And the Grantor hereby binds itself and its successors to warrant and defend the title, against all acts of the Grantor herein, and no other, subject to the matters set forth:

Escrow No: 600-30015-TS

Dated: October 16, 2014

Grantor(s):

DHB Real Estate LLC
an Arizona Limited Liability Company

New York Community Bank, a New York
Banking Corporation/its sole member

BY: [Signature]
Mitchel Baffa, Vice President

State of _____)ss:
County of _____

On this 20th day of October, 2014, before me,
The Undersigned
a Notary Public in and for said County and State, personally
appeared Mitchel Baffa, Vice President of New York Community
Bank _____

FOR NOTARY SEAL OR STAMP

personally known to me (or proved to me on the basis of
satisfactory evidence) to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument
WITNESS my hand and official seal.

Notary Public: [Signature]

My Commission Expires: _____

NADINE M. BARHAM
Notary Public, State of New York
No. 01BA8145308
Qualified in Nassau County
Commission Expires May 1, 2018



EXHIBIT "A"

Parcel No. 1:

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COMMENCING at the West Quarter corner of said Section 30;

Thence South 00 degrees 00 minutes 08 seconds East, along the West line of the Southwest Quarter of said Section 30, a distance of 30.00 feet to the TRUE POINT OF BEGINNING;

Thence departing said West line and running North 89 degrees 49 minutes 06 seconds East (record), North 89 degrees 49 minutes 01 seconds East (measured), along a line which is 30.00 feet South of and parallel with the East-West mid-section line of said Section 30, a distance of 1222.71 feet;

Thence running South 00 degrees 00 minutes 08 seconds East, a distance of 570.03 feet;

Thence running south 89 degrees 49 minutes 06 seconds West, a distance of 1222.71 feet to a point on the West line of the Southwest Quarter of said Section 30;

Thence running North 00 degrees 00 minutes 08 seconds West, along said West line, a distance of 570.00 feet to the POINT OF BEGINNING.

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Thence continuing along said parallel line North 89 degrees 48 minutes 58 seconds East (record), North 89 degrees 49 minutes 13 seconds East (measured), a distance of 195.80 feet;

Thence running South 00 degrees 00 minutes 08 seconds East, a distance of 570.04 feet;

Thence running South 89 degrees 48 minutes 58 seconds West, a distance of 197.05 feet to a point on the North-South mid-section of said Section 30;

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Thence running North 00 degrees 00 minutes 08 seconds West, a distance of 570.03 feet to the POINT OF

Escrow No.: **600-30015-TS**

BEGINNING.

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Thence running South 00 degrees 04 minutes 48 seconds West, a distance of 2611.49 feet (record), South 00 degrees 05 minutes 11 seconds West, a distance of 2611.70 feet (measured) to a point on the South line of the Southeast Quarter of said Section 30;

Thence running along said South line, South 89 degrees 51 minutes 12 seconds West, a distance of 412.43 feet (record), South 89 degrees 51 minutes 40 seconds West, a distance of 412.26 feet (measured) to a point on said South line;

Thence departing said South line and running North 00 degrees 04 minutes 43 seconds East, a distance of 2041.22 feet (record), 2041.36 feet (measured);

Thence running South 89 degrees 48 minutes 58 seconds West, a distance of 52.50 feet;

Thence running North 00 degrees 00 minutes 08 seconds West, a distance of 570.04 feet to the POINT OF BEGINNING.

AFFIDAVIT OF PROPERTY VALUE

1. ASSESSOR'S PARCEL IDENTIFICATION NUMBER(S)

Primary Parcel: 507-12-011P

BOOK MAP PARCEL SPLIT

Does this sale include any parcels that are being split / divided?

Check one: Yes ☐ No ☒

How many parcels, other than the Primary Parcel, are included in this sale? 2

Please list the additional parcels below (attach list if necessary):

(1) 507-12-011Q

(2) 507-12-011R

(3) _____

(4) _____

2. SELLER'S NAME AND ADDRESS:

DHB Real Estate LLC

c/o New York Community Bank, 1801 East Ninth Street, Suite 200

Cleveland, OH 44114

3. (a) BUYER'S NAME AND ADDRESS:

Thornton and Ash LLC

1793 N. Blanco Rd.

Casa Grande, AZ 85193

(b) Are the Buyer and Seller related? Yes ☐ No ☒

If Yes, state relationship: _____

4. ADDRESS OF PROPERTY:

Thornton Rd. and Ash Ave., approx. 61.42 ac

Casa Grande, AZ 85122

5. (a) MAIL TAX BILL TO: (Taxes due even if no bill received)

Thornton and Ash LLC

1793 N. Blanco Rd.

Casa Grande, AZ 85193

(b) Next tax payment due November 2015

6. PROPERTY TYPE (for Primary Parcel): NOTE: Check Only One Box

- | | |
|---|---|
| a. ☐ Vacant Land | f. ☐ Commercial or Industrial Use |
| b. ☐ Single Family Residence | g. ☒ Agricultural |
| c. ☐ Condo or Townhouse | h. ☐ Mobile or Manufactured Home |
| d. ☐ 2-4 Plex | ☐ Affixed ☐ Not Affixed |
| e. ☐ Apartment Building | i. ☐ Other Use; Specify _____ |

7. RESIDENTIAL BUYER'S USE: If you checked b, c, d or h in Item 6 above, please check one of the following:

- ☐ To be used as a primary residence
☐ To be rented to someone other than a "qualified family member."
☐ To be used as a non-primary or secondary residence.

See reverse side for definition of a "primary residence", "secondary residence" or "family member."

8. If you checked e or f in Item 6 above, indicate the number of units: _____

For Apartments, Motels / Hotels, Mobile Home / RV Parks, etc.

9. TYPE OF DEED OR INSTRUMENT (Check Only One Box):

- | | |
|--|---|
| a. ☐ Warranty Deed | d. ☐ Contract or Agreement |
| b. ☒ Special Warranty Deed | e. ☐ Quit Claim Deed |
| c. ☐ Joint Tenancy Deed | f. ☐ Other: _____ |

THE UNDERSIGNED BEING ONLY SWORN, ON OATH, SAYS THAT THE FOREGOING INFORMATION IS A TRUE AND CORRECT STATEMENT OF THE FACTS PERTAINING TO THE TRANSFER OF THE ABOVE DESCRIBED PROPERTY.

Signature of Seller / Agent

State of Arizona, County of Pinal

Subscribed and sworn to before me this 29 day of October, 2014

Notary Public

Notary Expiration Date 2/14/16

FOR RECORDER'S USE ONLY

PINAL COUNTY

DATE/TIME: 10/29/2014 1623

FEE NUMBER: 2014-062313

10. SALE PRICE

\$

531625 00

11. DATE OF SALE (Numeric Digits):

7/14

Month / Year

12. DOWN PAYMENT

\$

531625.00

13. METHOD OF FINANCING

- | | |
|--|--|
| a. ☒ Cash (100% of Sale Price) | e. ☐ New loan(s) from financial institution |
| b. ☐ Barter or trade | (1) ☐ Conventional |
| c. ☐ Assumption of existing loan(s) | (2) ☐ VA |
| d. ☐ Seller Loan (Carryback) | (3) ☐ FHA |
| | f. ☐ Other financing; Specify _____ |

14. PERSONAL PROPERTY (see reverse side for definition):

(a) Did the Sale Price in item 10 include Personal Property that impacted the Sale Price by 5 percent or more? Yes ☐ No ☒

(b) If Yes, provide the dollar amount of the Personal Property:

\$ 00 AND

briefly describe the Personal Property: _____

15. PARTIAL INTEREST: If only a partial ownership interest is being sold,

briefly describe the partial interest: _____

16. SOLAR / ENERGY EFFICIENT COMPONENTS:

(a) Did the Sale Price in Item 10 include solar energy devices, energy efficient building components, renewable energy equipment or combined heat and power systems that impacted the Sale Price by 5 percent or more? Yes ☐ No ☒

If Yes, briefly describe the solar / energy efficient components: _____

17. PARTY COMPLETING AFFIDAVIT (Name, Address, Phone Number):

Title Security Agency, LLC

421 E. Cottonwood Lane

Casa Grande, AZ 85122

(520)426-4600

18. LEGAL DESCRIPTION (attach copy if necessary):

See Exhibit "A" attached hereto and made a part hereof.

Signature of Buyer / Agent

State of Arizona, County of Pinal

Subscribed and sworn to before me this 29 day of October, 2014

Notary Public

Notary Expiration Date 2/14/16

EXHIBIT "A"

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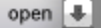
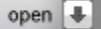
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Thence running North 00 degrees 00 minutes 08 seconds West, a distance of 570.04 feet to the POINT OF BEGINNING.



Print View

2023 ▼

Tax Year Chart

Parcel Number: 507-12-011Q ([View Tax Info](#))

Primary Owner:	THORNTON & ASH LLC
-----------------------	--------------------

Section: 30 **Township:** 06S **Range:** 06E

Name 2:

Map: [Assessor Parcel Viewer](#)

In C/O:

Property Description: (What is this?)

Tax Bill Mailing Address

COMMENCING @ THE WEST QTR CORNER OF SEC
30 6S 6E TH S 30 TH E 1222.71 TO POB TH E
1332.31 TO A PT ON THE NORTH SOUTH MID
SECTION LINE OF SEC 30 CONTINUE E 195.80 TH
S 570.04 TH W 197.05 TO A POINT ON THE
NORTH SOUTH MID SECTION LINE CONTINUE W
1331.0

Address:	1793 N BIANCO RD
-----------------	------------------

City:	CASA GRANDE
--------------	-------------

State:	AZ
---------------	----

Zip Code:	85193
------------------	-------

Date of Recording: 10/29/2014

Property Address (Location):

Sale Amount:	\$531,625.00
---------------------	--------------

Subdivision:

Unit:	Block:	Lot:	Phase:
--------------	---------------	-------------	---------------

Cabinet:		Slide:
-----------------	--	---------------

Yes **No**

Widow	X
-------	---

Widower	X
---------	---

Disabled	X
----------	---

Senior Freeze	X
---------------	---

Imp:	0.00	Item:	
-------------	------	--------------	--

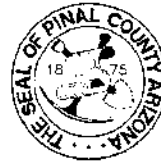
Const year:	0	Grnd Flr Perim:	0
--------------------	---	------------------------	---

Stories:	Total Sq. Ft.:	0
-----------------	-----------------------	---

Parcel Size:	20.00
Size Indicator:	Acres
Tax Area Code:	0428 (Rates current as of 2021)
Use Code:	4110
Land Legal Class:	02RLA - Ag Land
Impr. Legal Class:	
Full Cash Value (FCV):	\$4,240.00  COMPARABLE PROPERTIES
Limited Value (LPV):	\$3,194.00
Real Property Ratio:	
Assessed FCV:	\$636.00
Assessed LPV:	\$479.12

Attached Personal Property:	No Personal Property Listed
------------------------------------	-----------------------------

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ESCROW NO: 600-30015-TS
600-30015-TS

SPACE ABOVE THIS LINE FOR RECORDER'S USE

SPECIAL WARRANTY DEED

For the consideration of Ten Dollars, and other valuable considerations, I or we,

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do/does hereby convey to

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the following real property situated in **Pinal** County, Arizona:

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And the Grantor hereby binds itself and its successors to warrant and defend the title, against all acts of the Grantor herein, and no other, subject to the matters set forth:

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Dated: October 16, 2014

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DHB Real Estate LLC
an Arizona Limited Liability Company

New York Community Bank, a New York
Banking Corporation/its sole member

BY: [Signature]
Mitchel Baffa, Vice President

State of _____)ss:
County of _____

On this 20th day of October, 2014, before me,
The Undersigned
a Notary Public in and for said County and State, personally
appeared Mitchel Baffa, Vice President of New York Community
Bank _____

FOR NOTARY SEAL OR STAMP

personally known to me (or proved to me on the basis of
satisfactory evidence) to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that
he/she/they executed the same in his/her/their authorized
capacity(ies), and that by his/her/their signature(s) on the
instrument the person(s), or the entity upon behalf of which the
person(s) acted, executed the instrument
WITNESS my hand and official seal.

Notary Public: [Signature]

My Commission Expires: _____

NADINE M. BARHAM
Notary Public, State of New York
No. 01BA8145308
Qualified in Nassau County
Commission Expires May 1, 2018



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Escrow No.: **600-30015-TS**

BEGINNING.

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(2) 507-12-011R

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DHB Real Estate LLC

c/o New York Community Bank, 1801 East Ninth Street, Suite 200

Cleveland, OH 44114

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Thornton and Ash LLC

1793 N. Blanco Rd.

Casa Grande, AZ 85193

(b) Are the Buyer and Seller related? Yes ☐ No ☒

If Yes, state relationship: _____

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8. If you checked e or f in Item 6 above, indicate the number of units: _____

For Apartments, Motels / Hotels, Mobile Home / RV Parks, etc.

9. TYPE OF DEED OR INSTRUMENT (Check Only One Box):

- | | |
|--|---|
| a. ☐ Warranty Deed | d. ☐ Contract or Agreement |
| b. ☒ Special Warranty Deed | e. ☐ Quit Claim Deed |
| c. ☐ Joint Tenancy Deed | f. ☐ Other: _____ |

THE UNDERSIGNED BEING ONLY SWORN, ON OATH, SAYS THAT THE FOREGOING INFORMATION IS A TRUE AND CORRECT STATEMENT OF THE FACTS PERTAINING TO THE TRANSFER OF THE ABOVE DESCRIBED PROPERTY.

Signature of Seller / Agent

State of Arizona, County of Pinal

Subscribed and sworn to before me this 29 day of October, 2014

Notary Public

Notary Expiration Date 2/14/16

FOR RECORDER'S USE ONLY

PINAL COUNTY

DATE/TIME: 10/29/2014 1623

FEE NUMBER: 2014-062313

10. SALE PRICE

\$

531625 00

11. DATE OF SALE (Numeric Digits): / 7/14

Month / Year

12. DOWN PAYMENT

\$

531625.00

13. METHOD OF FINANCING

- | | |
|--|--|
| a. ☒ Cash (100% of Sale Price) | e. ☐ New loan(s) from financial institution |
| b. ☐ Barter or trade | (1) ☐ Conventional |
| c. ☐ Assumption of existing loan(s) | (2) ☐ VA |
| d. ☐ Seller Loan (Carryback) | (3) ☐ FHA |
| | f. ☐ Other financing; Specify _____ |

14. PERSONAL PROPERTY (see reverse side for definition):

(a) Did the Sale Price in item 10 include Personal Property that impacted the Sale Price by 5 percent or more? Yes ☐ No ☒

(b) If Yes, provide the dollar amount of the Personal Property:

\$ 00 AND

briefly describe the Personal Property: _____

15. PARTIAL INTEREST: If only a partial ownership interest is being sold,

briefly describe the partial interest: _____

16. SOLAR / ENERGY EFFICIENT COMPONENTS:

(a) Did the Sale Price in Item 10 include solar energy devices, energy efficient building components, renewable energy equipment or combined heat and power systems that impacted the Sale Price by 5 percent or more? Yes ☐ No ☒

If Yes, briefly describe the solar / energy efficient components: _____

17. PARTY COMPLETING AFFIDAVIT (Name, Address, Phone Number):

Title Security Agency, LLC

421 E. Cottonwood Lane

Casa Grande, AZ 85122

(520)426-4600

18. LEGAL DESCRIPTION (attach copy if necessary):

See Exhibit "A" attached hereto and made a part hereof.

Signature of Buyer / Agent

State of Arizona, County of Pinal

Subscribed and sworn to before me this 29 day of October, 2014

Notary Public

Notary Expiration Date 2/14/16

EXHIBIT "A"

Parcel No. 1:

That portion of the South Half of Section 30, Township 6 South, Range 6 East of the Gila and Salt River Meridian, Pinal County, Arizona, described as follows:

COMMENCING at the West Quarter corner of said Section 30;

Thence South 00 degrees 00 minutes 08 seconds East, along the West line of the Southwest Quarter of said Section 30, a distance of 30.00 feet to the TRUE POINT OF BEGINNING;

Thence departing said West line and running North 89 degrees 49 minutes 06 seconds East (record), North 89 degrees 49 minutes 01 seconds East (measured), along a line which is 30.00 feet South of and parallel with the East-West mid-section line of said Section 30, a distance of 1222.71 feet;

Thence running South 00 degrees 00 minutes 08 seconds East, a distance of 570.03 feet;

Thence running South 89 degrees 49 minutes 06 seconds West, a distance of 1222.71 feet to a point on the West line of the Southwest Quarter of said Section 30;

Thence running North 00 degrees 00 minutes 08 seconds West, along said West line, a distance of 570.00 feet to the POINT OF BEGINNING.

Parcel No. 2:

That portion of the South Half of Section 30, Township 6 South, Range 6 East of the Gila and Salt River Meridian, Pinal County, Arizona, described as follows:

COMMENCING at the West Quarter corner of said Section 30;

Thence South 00 degrees 00 minutes 08 seconds East, along the West line of the Southwest Quarter of said Section 30, a distance of 30.00 feet;

Thence departing said West line and running North 89 degrees 49 minutes 06 seconds East (record), North 89 degrees 49 minutes 01 seconds East (measured), along a line which is 30.00 feet South of and parallel with the East-West mid-section line of said Section 30, a distance of 1222.71 feet to the TRUE POINT OF BEGINNING;

Thence continuing along said parallel line North 89 degrees 49 minutes 06 seconds East (record), North 89 degrees 49 minutes 01 seconds East (measured), a distance of 1332.31 feet to a point on the North-South mid-section line of said Section 30;

Thence continuing along said parallel line North 89 degrees 48 minutes 58 seconds East (record), North 89 degrees 49 minutes 13 seconds East (measured), a distance of 195.80 feet;

Thence running South 00 degrees 00 minutes 08 seconds East, a distance of 570.04 feet;

Thence running South 89 degrees 48 minutes 58 seconds West, a distance of 197.05 feet to a point on the North-South mid-section of said Section 30;

Thence running South 89 degrees 49 minutes 06 seconds West, a distance of 1331.07 feet;

Thence running North 00 degrees 00 minutes 08 seconds West, a distance of 570.03 feet to the POINT OF BEGINNING.

Parcel No. 3:

That portion of the South Half of Section 30, Township 6 South, Range 6 East of the Gila and Salt River Meridian, Pinal County, Arizona, described as follows:

COMMENCING at the West Quarter corner of said Section 30;

Thence South 00 degrees 00 minutes 08 seconds East, along the West line of the Southwest Quarter of said Section 30, a distance of 30.00 feet;

Thence departing said West line and running North 89 degrees 49 minutes 06 seconds East (record), North 89 degrees 49 minutes 01 seconds East (measured), along a line which is 30.00 feet South of and parallel with the East-West mid-section line of said Section 30, a distance of 2555.02 feet to a point on the North-South mid-section line of said Section 30;

Thence continuing along said parallel line North 89 degrees 48 minutes 59 seconds East (record), North 89 degrees 49 minutes 13 seconds East (measured) a distance of 195.80 feet to the TRUE POINT OF BEGINNING;

Thence continuing along said parallel line North 89 degrees 48 minutes 58 seconds East (record), North 89 degrees 49 minutes 13 seconds East (measured), a distance of 465.92 feet;

Thence running South 00 degrees 04 minutes 48 seconds West, a distance of 2611.49 feet (record), South 00 degrees 05 minutes 11 seconds West, a distance of 2611.70 feet (measured) to a point on the South line of the Southeast Quarter of said Section 30;

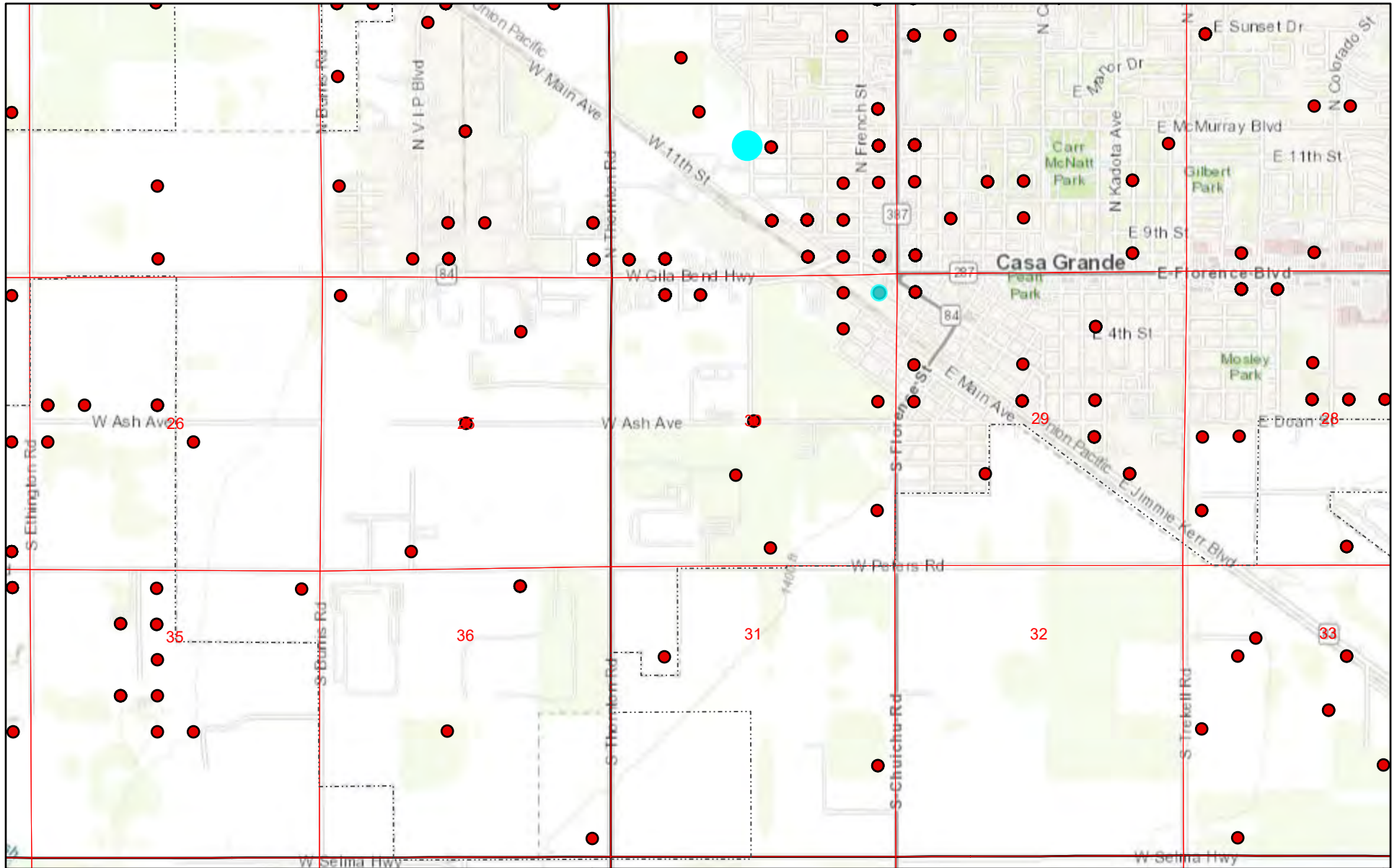
Thence running along said South line, South 89 degrees 51 minutes 12 seconds West, a distance of 412.43 feet (record), South 89 degrees 51 minutes 40 seconds West, a distance of 412.26 feet (measured) to a point on said South line;

Thence departing said South line and running North 00 degrees 04 minutes 43 seconds East, a distance of 2041.22 feet (record), 2041.36 feet (measured);

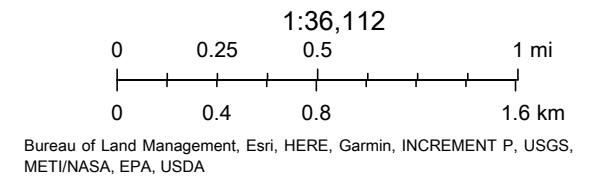
Thence running South 89 degrees 48 minutes 58 seconds West, a distance of 52.50 feet;

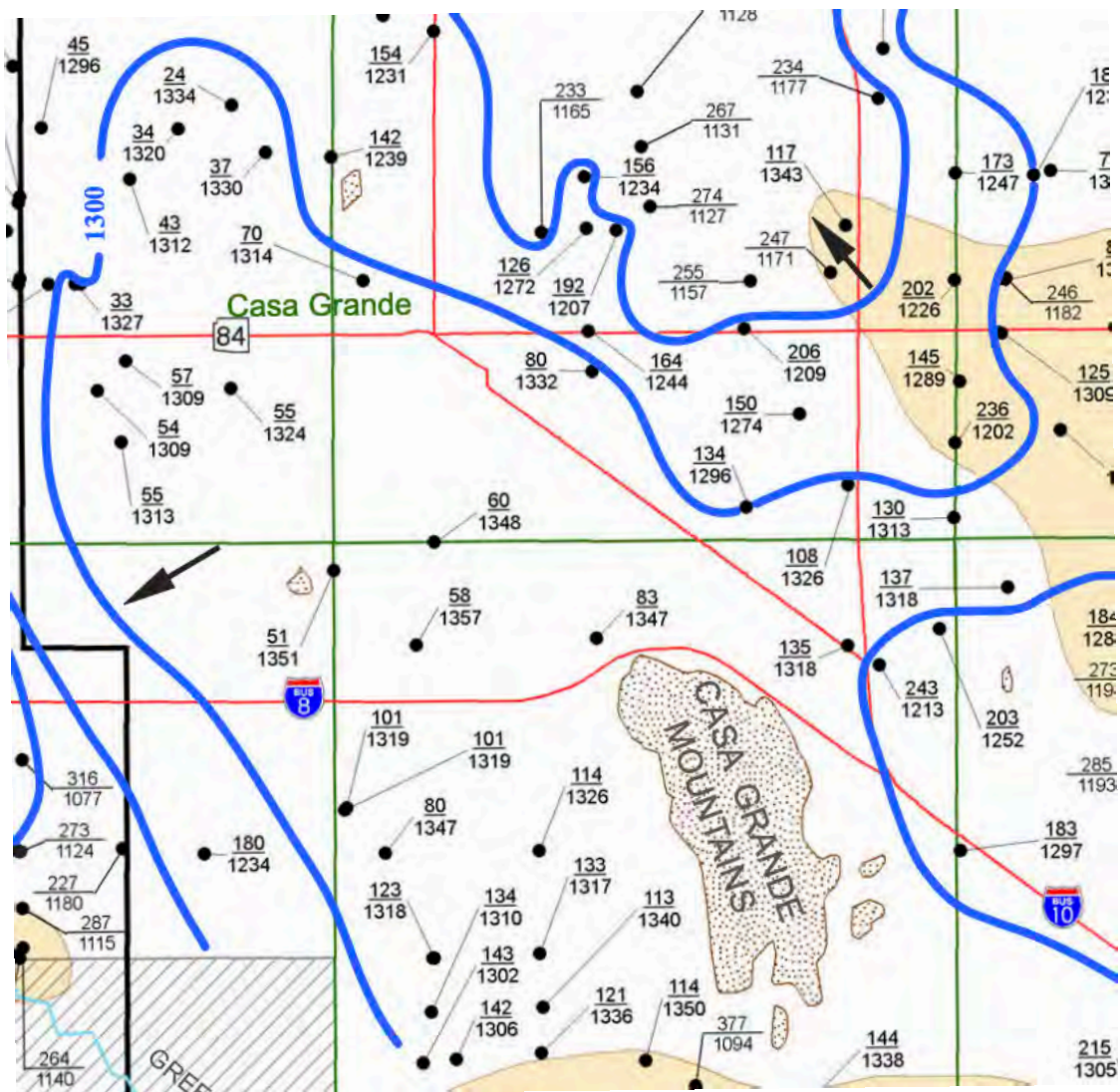
Thence running North 00 degrees 00 minutes 08 seconds West, a distance of 570.04 feet to the POINT OF BEGINNING.

Wells Casa Grande



December 21, 2022







United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

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

Custom Soil Resource Report for Pinal County, Arizona, Western Part



Preface

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

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

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

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

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

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

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How Soil Surveys Are Made

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

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

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

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

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

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

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

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

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

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

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

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

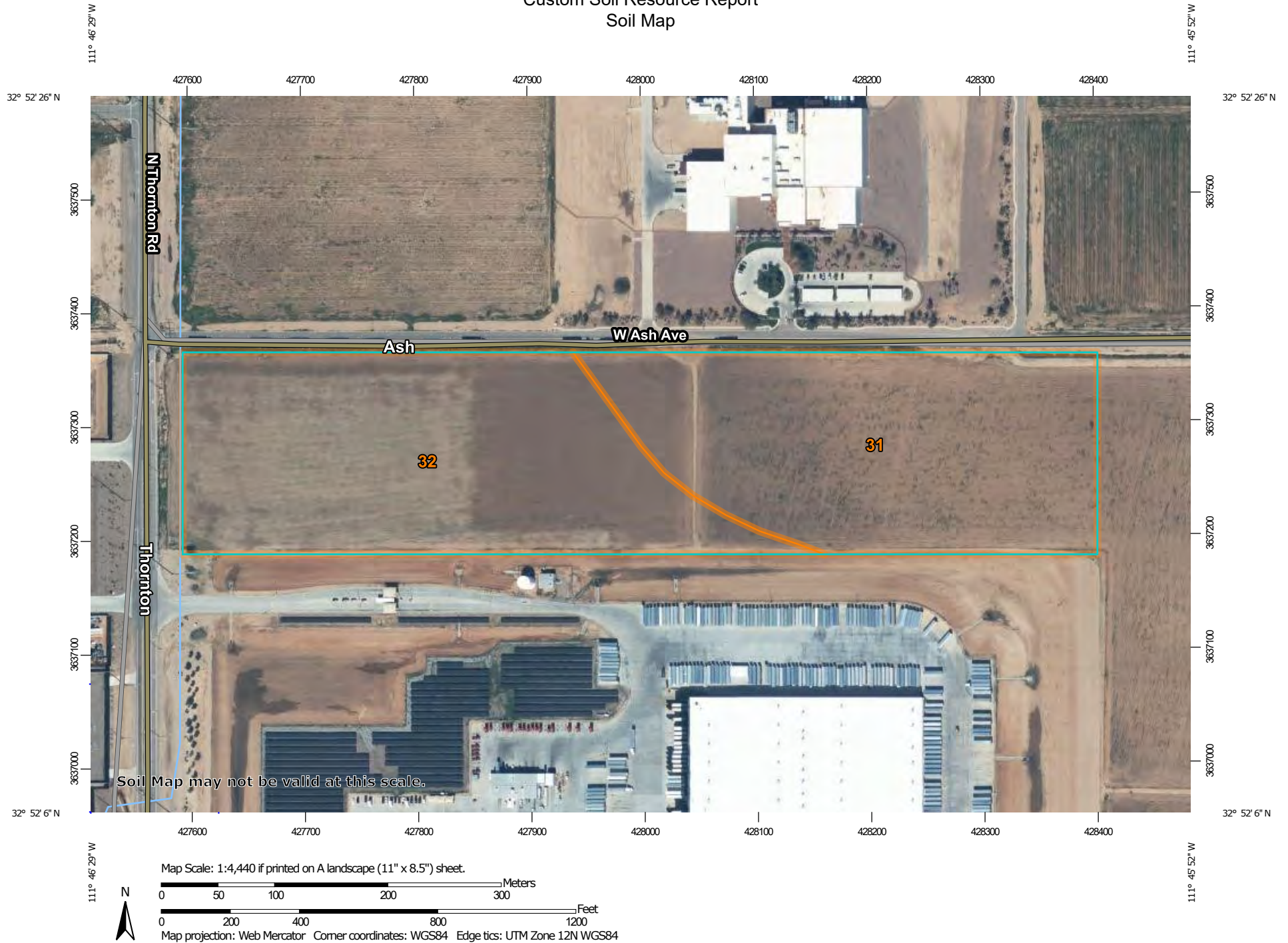
Custom Soil Resource Report

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

Soil Map

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

Custom Soil Resource Report Soil Map



Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals

Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

Soil Survey Area: Pinal County, Arizona, Western Part
Survey Area Data: Version 19, Aug 26, 2022

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

Date(s) aerial images were photographed: Feb 18, 2020—Mar 7, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
31	Mohall loam MLRA 40	16.9	47.5%
32	Mohall clay loam	18.7	52.5%
Totals for Area of Interest		35.6	100.0%

Map Unit Descriptions

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

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

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

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

Custom Soil Resource Report

onsite investigation is needed to define and locate the soils and miscellaneous areas.

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

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

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

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

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

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

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

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

Pinal County, Arizona, Western Part

31—Mohall loam MLRA 40

Map Unit Setting

National map unit symbol: 2rft
Elevation: 1,000 to 1,990 feet
Mean annual precipitation: 6 to 10 inches
Mean annual air temperature: 68 to 74 degrees F
Frost-free period: 240 to 325 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Mohall and similar soils: 80 percent
Minor components: 20 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Mohall

Setting

Landform: Stream terraces, basin floors, fan terraces
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Tread, flat
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Mixed alluvium

Typical profile

Ap - 0 to 16 inches: loam
Bt - 16 to 24 inches: clay loam
Btk1 - 24 to 37 inches: clay loam
Btk2 - 37 to 43 inches: clay loam
Bk - 43 to 60 inches: sandy loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 30 percent
Maximum salinity: Very slightly saline to strongly saline (2.0 to 16.0 mmhos/cm)
Sodium adsorption ratio, maximum: 13.0
Available water supply, 0 to 60 inches: High (about 9.9 inches)

Interpretive groups

Land capability classification (irrigated): 1
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: C
Ecological site: R040XB213AZ - Loamy Upland 7"-10" p.z.
Hydric soil rating: No

Minor Components

Unnamed soils

Percent of map unit: 20 percent

Hydric soil rating: No

32—Mohall clay loam

Map Unit Setting

National map unit symbol: 1sqp

Elevation: 1,130 to 1,990 feet

Mean annual precipitation: 6 to 8 inches

Mean annual air temperature: 68 to 72 degrees F

Frost-free period: 240 to 325 days

Farmland classification: Prime farmland if irrigated

Map Unit Composition

Mohall and similar soils: 90 percent

Minor components: 10 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Mohall

Setting

Landform: Fan terraces, basin floors

Landform position (two-dimensional): Summit

Landform position (three-dimensional): Tread, dip

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Mixed fan alluvium

Typical profile

Ap - 0 to 16 inches: clay loam

Btk - 16 to 43 inches: clay loam

Bk - 43 to 60 inches: sandy loam

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 25 percent

Maximum salinity: Very slightly saline to strongly saline (2.0 to 16.0 mmhos/cm)

Sodium adsorption ratio, maximum: 13.0

Available water supply, 0 to 60 inches: High (about 9.9 inches)

Custom Soil Resource Report

Interpretive groups

Land capability classification (irrigated): 1

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: C

Ecological site: R040XB205AZ - Clay Loam Upland 7"-10" p.z.

Hydric soil rating: No

Minor Components

Unnamed soils

Percent of map unit: 10 percent

Hydric soil rating: No

References

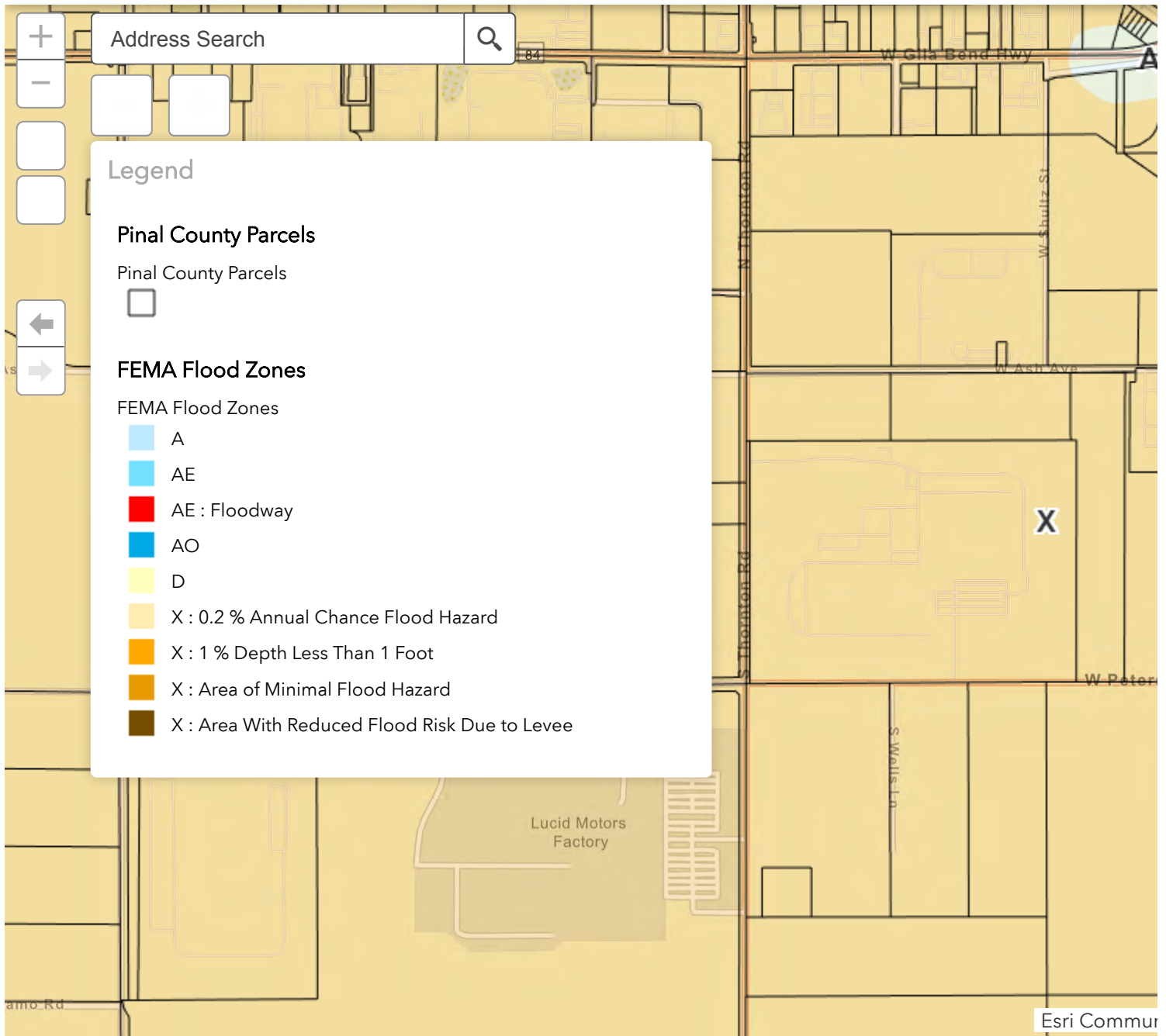
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APPENDIX F
REFERENCES AND INTERVIEWS



REFERENCES

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INTERVIEWS

Mr. Michael J. Biggar, with Orchard Partners, LLC, and a Property User representative, completed a Property User Questionnaire on December 21, 2022, (408-888-6200).

Mr. Donny England, with England Farms and Property Owner representative, completed a Property Owner Questionnaire on December 13, 2022, (520-251-1922), Denglandjr@msn.com

APPENDIX G
QUALIFICATIONS

YEARS OF EXPERIENCE

Total Years of Experience: 18

EDUCATION

B.S., Conservation Biology, 2002,
Arizona State University

Jennifer McMorran

Environmental Scientist

Ms. McMorran is an Environmental Scientist with over 18 years' experience with environmental compliance and hazmat related industries. Ms. McMorran has extensive experience with wireless telecommunications, environmental regulatory practices and project management.

REPRESENTATIVE PROJECT EXPERIENCE

Phase I Environmental Site Assessments: Ms. McMorran has overseen and conducted Phase I Environmental Site Assessments for commercial, industrial, and vacant properties. Responsibilities included reviewing lease records for the site, reviewing readily available maps and reports pertaining to the site, conducting interviews with the property representatives, performing site reconnaissance's, reviewing readily available local regulatory agency files, reviewing historical documents, and preparing Phase I ESA reports, documenting findings and providing recommendations regarding possible environmental impacts at the site.

Phase II Environmental Site Assessments: Ms. McMorran has extensive project management experience overseeing Phase II Environmental Site Assessments. Responsibilities included developing work orders to determine the investigative methods for the Phase II Environmental Site Assessment and oversight of projects. Additionally, prepared site-specific Health and Safety Plans, performed site reconnaissance to evaluate areas of potential contamination, and reviewed final Site Assessment Report. Made recommendations and managed additional remediation work and project site cleanup.

Indoor Air Quality Investigations: Ms. McMorran has overseen numerous indoor air quality projects. Oversight of surveys conducted included microbial sampling, remediation, and monitoring. Additional projects included fecal contamination and lead based paint identification sampling and remediation.

Asbestos Services: Ms. McMorran has overseen numerous asbestos projects. Responsibilities included management of project identification, sampling, quantifying, and analyzing building materials for asbestos in accordance with AHERA, NESHAP, and OSHA regulations. Review of finalized asbestos survey reports which included information on methodology, sample locations, compilation of analytical data, findings, conclusions and recommendations. Additionally, conducted oversight of asbestos abatement and remediation projects to ensure completion in accordance with all AHERA, NESHAP, and OSHA regulations.