

**Phase I Environmental Site
Assessment for the Pima County
Regional Wastewater Reclamation
Department's Proposed Biogas
Utilization Project in Pima County,
Arizona**

Prepared for

**Pima County Regional Wastewater Reclamation
Department: Biogas Utilization Project**

In care of

Greeley and Hansen, LLC

Prepared by

SWCA Environmental Consultants

January 2013

**PHASE I ENVIRONMENTAL SITE ASSESSMENT FOR THE PIMA
COUNTY REGIONAL WASTEWATER RECLAMATION DEPARTMENT'S
PROPOSED BIOGAS UTILIZATION PROJECT IN PIMA COUNTY,
ARIZONA**

Prepared for

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SWCA Project No. 25308

January 2013

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EXECUTIVE SUMMARY

This executive summary presents the results of a Phase I Environmental Site Assessment (Phase I ESA) for an approximately one-acre site within the Ina Road Wastewater Reclamation Facility southwest of the Ina Road and Interstate 10 intersection, in Marana, Pima County, Arizona (the subject property). The site is identified as the location of a future Biogas Utilization Project. The subject property is fenced on the west and east, and includes several temporary construction office trailers and one temporary office building. The purpose of this Phase I ESA is to meet due diligence requirements under the Comprehensive Environmental Response, Compensation, and Liability Act prior to the development of the subject property.

Greeley and Hansen, LLC, provided a description of the boundaries of the subject property, and this description was taken as an accurate and true representation of the site. SWCA Environmental Consultants (SWCA) did not conduct independent verification of the subject property boundaries as part of this Phase I ESA.

The following list presents selected findings of this Phase I ESA:

- SWCA's review of historical aerial and topographic maps indicated that by 1968, the area around the subject property had been developed into a sewage disposal facility, with treatment ponds to the southeast and northwest of the subject property.
- SWCA's interviews during the site reconnaissance revealed that several septic tanks serving the office trailers, intended to be temporary, are still in use. Though the presence of septic tanks is not considered to be a recognized environmental condition (REC), their locations should be noted for future design and redevelopment.
- SWCA's interviews during the site reconnaissance revealed that a biosolids treatment bladder pond adjacent to the east of the subject property infrequently discharges during heavy storm events. Because discharge is said to be only superficial, and any necessary cleanups take place immediately following the event, this finding is not considered to be a REC for the subject property.
- SWCA's interviews during the site reconnaissance revealed that an abandoned 24-inch gravity waterline exists under the subject property that once ran east-west to a well no longer in use. Though the presence of the abandoned water line is not considered to be a REC, its location should be noted for future design and redevelopment.
- SWCA's interviews during the site reconnaissance revealed the temporary office building has been in place for decades, and may be old enough that asbestos-containing materials and/or lead-based paint could have been used for construction or renovation in the past. Because of the age of the structure, it should be tested for lead-based paint and asbestos-containing materials prior to any demolition activities. Because the structures may contain lead-based paint and/or asbestos-containing materials, this finding is considered to be a REC for the subject property.
- SWCA's review of the Environmental Data Resources, Inc. (EDR), database and the Arizona Department of Environmental Quality (ADEQ) eMaps database identified the Pima County Ina Road Wastewater Treatment Plant (also listed as Pima County Wastewater Management), located adjacent to the subject property, in the Resource Conservation and Recovery Act (RCRA) Conditionally Exempt Small Quantity Generator (CESQG), underground storage tank (UST), and leaking underground storage tank (LUST) databases. As the name implies, conditionally exempt small quantity generators handle only small quantities of hazardous waste, and no violations were noted for this facility. A UST was reported to be leaking in 1992, and was removed in 1994 with soil levels meeting risk-based corrective action (RBCA) Tier 1 standards. Another UST was

permanently removed in 1991 with no indication that it had leaked. The specific locations of the tanks within the Wastewater Treatment Plant are not certain. Because no RCRA violations were noted, because leaking tanks were removed, and because soils met Tier 1 standards, this finding is not considered to be a REC for the subject property.

- SWCA's review of the EDR database and the ADEQ eMaps database identified the Pima County – Ina Road Automotive Services facility adjacent to the west of the subject property. This facility had six USTs, of which four were removed in 1999 after leaking. The cases were closed with soil levels meeting RBCA Tier 1 standards. No additional leaks were noted. Because leaking tanks were removed, because soils met Tier 1 standards, and because no leaks were noted for the remaining tanks, this finding is not considered to be a REC for the subject property.
- SWCA's review of the EDR database and the ADEQ eMaps database identified the Pima County Ina Road Construction & Demolition (C&D) Landfill and Waste Transfer Collection Site, located approximately 1,400 feet west of the subject property at 5301 West Ina Road, in the solid waste tires (SWTIRE) database. An SWTIRE site is a solid waste facility, at which waste tires are stored outdoors on any day, and C&D landfills contain only construction and demolition debris (inert materials); hazardous materials and petroleum products are not allowed. Because no leaks or contamination were noted for the C&D landfill, and because the facility only accepts inert debris, this finding is not considered to be a REC for the subject property.
- SWCA's review of the EDR database and the ADEQ eMaps database identified Trico Electric Cooperative, located approximately 600 feet northwest of the subject property at 5100 West Ina Road, in the UST and aboveground storage tank (AST) databases. This parcel is currently owned by the Town of Marana. The five USTs were permanently removed in 1988, and there are no indications that the USTs or the AST had leaked. Because the tanks were permanently removed, and because no leaks were noted, this finding is not considered to be a REC for the subject property.
- SWCA's review of the EDR database and the ADEQ eMaps database identified 4900 West Ina Road, located approximately 900 feet northeast of the subject property, with several names in several databases: Tosco Northwest Company (RCRA Non-Generator database), Exxon (US Historical Auto Stations database), and Circle K (LUST and UST databases). This site is currently an active Circle K gas station. Two USTs were reported to be leaking in 1995 and 1997. They were removed and the cases were closed with soil levels meeting RBCA Tier 1 standards. Because RCRA Non-Generators do not presently generate hazardous waste and no violations were noted for this facility, because leaking tanks were removed, and because soils met Tier 1 standards, this finding is not considered to be a REC for the subject property.
- SWCA's review of the EDR database and the ADEQ eMaps database identified Parcel 214-01-007C, located approximately 860 feet east-northeast of the subject property at 4905 West Ina Road, in the LUST, UST, and US Historical Auto Stations databases. Five USTs were reported to be leaking in 2000; they were all removed in 2000 and the cases were closed with soil levels meeting RBCA Tier 1 and Tier 2 standards. Because leaking tanks were removed, and because soils met Tier 1 and Tier 2 standards, this finding is not considered to be a REC for the subject property.
- SWCA's review of the EDR database and the ADEQ eMaps database identified the Waste Management, Inc., Marana Transfer station, located approximately 900 feet northwest of the subject property in the Solid Waste Facility/Landfill (SWF/LF), RCRA-CESQG, and AST databases. The SWF/LF listing merely indicates that a transfer station exists at this location. CESQGs handle only small quantities of hazardous waste, and no violations were noted for this facility. This facility had a 15,000-gallon diesel AST installed in 1995, and no leaks are noted.

Because no RCRA violations were noted, and because no leaks were noted, this finding is not considered to be a REC for the subject property.

- SWCA's review of the EDR database and the ADEQ eMaps database identified The CEMEX, Inc., Ina Road Pit, located approximately 1,400 feet northwest of the subject property, in the mines database as a mine and as a plant. No spills, leaks, or violations were noted for this facility. Because no spills, leaks, or violations were noted, this finding is not considered to be a REC for the subject property.
- SWCA's site reconnaissance of the subject property identified three pole-mounted transformers on the subject property. Because they appeared to be in good condition, and no evidence of leaks was noted, this finding is not considered to be a REC for the subject property.
- SWCA's site reconnaissance of the subject property identified minor surficial staining on the subject property around parked vehicles. Because the staining appeared to be only superficial fuel or oil stains associated with parked vehicles, the staining is considered de minimis and this finding is not considered to be a REC for the subject property.

SWCA has completed a Phase I ESA of the subject property based on information obtained during the site investigation conducted on January 13, 2013, and the information obtained through the activities of this Phase I ESA, excluding the limitations.

We have performed, in conformance with the scope and limitations of the American Society for Testing and Materials Standard E 1527-05, a Phase I ESA of the subject property described in Section 2.0 of this report: an approximately one-acre site within the Ina Road Wastewater Reclamation Facility southwest of the Ina Road and Interstate 10 intersection, in Marana, Pima County, Arizona. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report. This assessment has revealed no evidence of RECs in connection with the subject property except for the following:

- The temporary office building on the subject property is thought to be several decades old. Because of the age of the structure, it should be tested for lead-based paint and asbestos-containing materials prior to any demolition activities. Because the structure may contain lead-based paint and/or asbestos-containing materials, this finding is considered to be a REC for the subject property.

1.0 INTRODUCTION

This report presents the results of a Phase I Environmental Site Assessment (Phase I ESA) for an approximately one-acre site within the Ina Road Wastewater Reclamation Facility southwest of the Ina Road and Interstate 10 intersection, in Marana, Pima County, Arizona (the subject property). The subject property is fenced on the west and east, and includes several temporary construction office trailers and a temporary office building. SWCA Environmental Consultants (SWCA) completed this Phase I ESA for Greeley and Hansen, LLC, in accordance with the December 21, 2012, proposed scope of work. A copy of the scope of work is included in Appendix A.

1.1 Purpose

The purpose of this Phase I ESA is to meet due diligence requirements under the Comprehensive Environmental Response, Compensation, and Liability Act prior to redevelopment of the property as a biogas utilization facility.

The Phase I ESA followed the standards described in the American Society for Testing and Materials (ASTM) Standard E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM 2005). Deletions or deviations from ASTM Standard E 1527-05 are documented in this report. The objective of the Phase I ESA is to assess the property, to the extent practical, for the potential presence of recognized environmental conditions (RECs), defined in the ASTM standard as “the presence or likely presence of hazardous materials or petroleum products under conditions that indicate an existing release, a past release, or material threat of a release of any hazardous substances or petroleum products into structures on the property, or into the ground, groundwater, or surface water of the property.” The term is not intended to include de minimis conditions, which generally do not present risks of harm to public health or the environment and which generally would not be the subject of enforcement actions if brought to the attention of appropriate regulating agencies.

This Phase I ESA did not include activities such as inspections or sampling for the presence of asbestos-containing materials, radon, other radioactive substances, vapor intrusion, lead-based paint, non-hazardous wastes and materials, mold, or biological and medical wastes. No soil, air, or water samples were collected for this Phase I ESA.

1.2 Scope of Work

To achieve the objective referenced above, SWCA completed the following tasks:

- reviewed intermittent maps and aerial photographs dating from 1957 to 2012;
- surveyed relevant documents in order to assess the subject property’s physiography, including a review of the local hydrogeology and geology of the surrounding area;
- reviewed available federal and state regulatory databases; and
- visually surveyed the subject property by walking on and driving around the subject property and visually surveyed the surrounding area from the subject property perimeter.

1.3 Limitations

SWCA warrants that qualified professionals in conformance with ethical business practices and industry standards prepared this report. Credentials of the individuals involved in preparing this report are included in Appendix B.

Some standard historical sources are not readily available and thus were not used to prepare this Phase I ESA. Sanborn fire insurance maps were not available for the subject property. Because they were disturbed or obscured by structures or pavement, not all land surfaces within the subject property were able to be observed. Because of the lack of available aerial photographs and U.S. Geological Survey (USGS) topographic maps, the commonly used 5-year interval between photographs and topographic dates could not be followed for all photographs and maps reviewed. Standard historical sources dating back to 1940 were not reasonably attainable for the subject property. This gap in the data is not thought to have affected SWCA's ability to identify RECs on the subject property. SWCA's findings and conclusions within this assessment do not take into consideration the limitations identified in this report.

The information contained in this report relates only to the subject property and adjacent properties and should not be extrapolated or construed to apply to any other site. The description of the subject property as provided herein represents the conditions of the subject property as it existed on the date of the site reconnaissance. The contents of this report are valid as of the date shown on the report. The information presented in this report is intended for the exclusive use of Greeley and Hansen, LLC, and Pima County, and their affiliates, underwriters, and lenders. Reliance of any other parties on the information presented herein is the sole responsibility of said parties.

2.0 PROPERTY DESCRIPTION

The subject property includes an approximately one-acre site within the Ina Road Wastewater Reclamation Facility southwest of the Ina Road and Interstate 10 intersection, in Marana, Pima County, Arizona. The site is identified as the location of a future Biogas Utilization Project. The subject property is within parcel number 214-01-012A, a 9.44-acre parcel owned by Pima County.

The subject property is fenced on the west and east, and includes several temporary construction office trailers and a temporary office building. The property surface is covered with gravel, and includes connections for water and electricity, as well as an on-site septic system. It is surrounded by various parts of the Pima County Wastewater Reclamation Facility and other Pima County-owned parcels. Properties adjacent to the subject property are illustrated in Figures 1 and 2 below. To the west is an active fueling station. To the north is a former water quality testing lab that currently serves as storage and a temporary office for maintenance personnel. A roadway, followed by a parking area and a lined bladder for biosolids sludge, are located to the east, and more trailers and the main sewage processing facility are located to the south. Photographs of the subject property are provided in Appendix D.

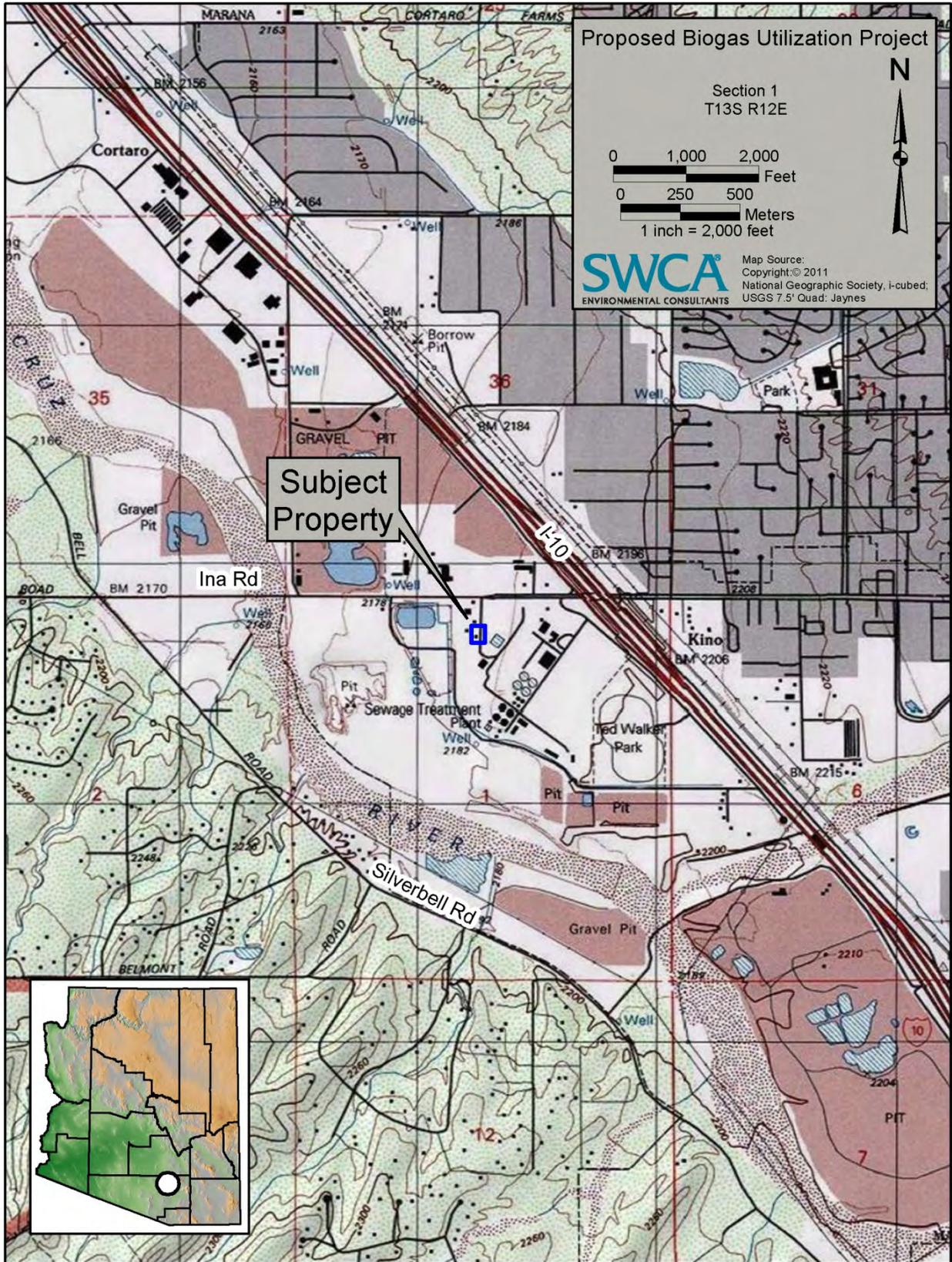


Figure 1. General location of the subject property.



Figure 2. The subject property shown on an aerial photograph.

3.0 PHYSICAL SETTING ANALYSIS

The following sections present physical characteristics of the subject property, as obtained from available natural history information sources.

3.1 Topography

The USGS 1996 Jaynes, Arizona, 7.5-minute; 1957 Cortaro, Arizona, 15 × 15 series; and 1994 Silver Bell Mountains, Arizona, 30 × 60 series topographic maps indicate that the subject property is located along the Santa Cruz River corridor, in a valley between mountain ranges to the southwest and northeast. Land across the river and west of the subject property appears to be sparsely populated in general, whereas land uphill of the subject property to the east is more densely populated and developed.

The subject property is at an elevation of approximately 2,190 feet above mean sea level, within an area that slopes overall toward the west and southwest, toward the Santa Cruz River.

3.2 Geology

USGS online spatial mineral resources data indicate that the subject property is mapped within a broad area of Holocene river alluvium. This mapping unit consists of unconsolidated to weakly consolidated sand and gravel in river channels and sand, silt, and clay on floodplains. It also includes young terrace deposits fringing floodplains. This description would appear to apply to the subject property with regards to its location along the Santa Cruz River corridor (Richard et al. 2000; USGS 2012).

3.3 Hydrogeology

Surface runoff in the vicinity of the subject property would appear to generally follow the sloping topography toward the south and west, to the Santa Cruz River. The subject property is nearly level and on-site drainage patterns could not be determined.

In a larger context, the subject property is located in the Upper Santa Cruz Sub-Basin of the Tucson Active Management Area (AMA), which has a general groundwater flow direction from the mountains along the eastern AMA boundary toward the center of the AMA, then north-northwest. However, actual groundwater movement may be variable and depends on local geology and hydrologic conditions, recharge, and withdrawal. In general, groundwater in the Tucson AMA is suitable for most uses.

The Upper Santa Cruz Sub-Basin is a deep alluvial valley filled with layers of sediments, bordered by mountains, and drained by the Santa Cruz River. Depth to bedrock in this sub-basin can be as deep as 11,000 feet below ground surface (bgs). The recent alluvial deposits underlie streambed channels of the Santa Cruz River and its major tributaries and are generally less than 100 feet thick. The underlying Tinaja Beds are up to 5,000 feet thick in the center of the sub-basin and consist of sandstones, conglomerates, siltstones, and mudstones. The Tinaja Beds have become the principal supply of groundwater in the Tucson AMA. Beneath the Tinaja Beds, the Pantano Formation, composed of consolidated sandstones, conglomerates, and mudstones, is little used as a water supply. Well yields in the sub-basin are generally between 100 and 1,000 gallons per minute, and water levels in many wells have declined by as much as 15 feet in recent decades (Arizona Department of Water Resources 2010).

Many dozens of wells are located in the vicinity of the subject property, according to an Environmental Data Resources, Inc. (EDR), database search. Reported depth to groundwater in these wells ranged from

37 to 228 feet bgs, with most reported water levels towards the middle of that range. Well data are available as part of Appendix C.

3.4 Soils

A review of soils data from the U.S. Department of Agriculture Natural Resources Conservation Service (NRCS) Web Soil Survey (NRCS 2012) indicates that the subject property is located within an area mapped as Grabe loam soils, which are mapped extensively along the Santa Cruz River corridor and throughout southern Arizona.

Grabe soils consist of very deep, well drained soils that formed in stratified alluvium. They are generally on floodplains and alluvial fans, and have slopes of 0 to 3 percent. They are well drained, and exhibit medium or slow runoff and moderate permeability. They are generally used for irrigated cropland, wildlife habitat, and livestock grazing. Vegetation typically includes mesquite, catclaw, burroweed, threawn, Arizona cottontop, bush muhly, and annual grasses. Soil mapping and data are available in Appendices C and E.

4.0 HISTORICAL PROPERTY USES AND RECORDS REVIEW

The history of the subject property and adjacent properties was reviewed in accordance with the applicable ASTM standards, except as noted in Section 1.3. Historical uses of the subject property were determined based on a review of readily available, reasonably ascertainable historical data, including historical topographic maps and aerial photographs. Sanborn fire insurance maps were not available for the subject property, and available city directories did not provide useful information.

4.1 Historical Map Review

SWCA reviewed USGS topographic maps of the area dating from 1957 to 1996 (see Appendix C). A summary of this review is provided in Table 1.

Table 1. Summary of Historical Topographic Map Interpretation

Date of Topographic Map	Observations
1957 Cortaro, Arizona USGS 15-minute series 1:50,000	The subject property and vicinity are depicted as primarily vacant and undeveloped. A railroad (Southern Pacific) and highway (I-10, then called the Casa Grande Highway) exist in their current locations northeast of the subject property. Development northeast of the subject property appears to be only low-density residential and/or agricultural.
1968 Jaynes, Arizona USGS 7.5-minute series 1:24,000	The subject property appears to be undeveloped and vacant. However, the area around the subject property has been developed into a sewage disposal facility, with treatment ponds to the southeast, and another pond to the northwest. A gravel pit exists to the west, and three wells are located in the vicinity of the subject property.
1975 Jaynes, Arizona USGS 7.5-minute series 1:24,000	The subject property does not appear to have changed significantly from the previous maps. New treatment ponds have been constructed adjacent to the existing ones. Development to the northeast has increased in density.
1992 Jaynes, Arizona USGS 7.5-minute series 1:24,000	No structures are depicted on the subject property, but the treatment facility appears to have expanded to approximately its current configuration. A number of new structures and treatment tanks are depicted. Baseball fields at Ted Walker Park, southeast of the treatment plant, appear to have been mapped in error as treatment ponds, though they may in fact be watered with reclaimed water. Areas across I-10 to the northeast are now densely populated.
1996 Jaynes, Arizona USGS 7.5-minute series 1:24,000	A few new structures and small ponds or tanks have been added to the treatment plant. No structures are depicted on the subject property.

4.2 Historical Aerial Photograph Review

SWCA reviewed available historical aerial photographs of the subject property dating from 1966 to 2012. A summary of our evaluation of the reviewed aerial photographs is provided in Table 2.

Table 2. Summary of Historical Aerial Photograph Interpretation

Date of Aerial Photograph	Observations
1966 EDR Aerial Photographs 1" = 500'	The subject property appears to have been graded or otherwise disturbed, and it cannot be determined if any structures exist. The sewage treatment facility south and east of the subject property exists, but in a much smaller footprint than it does today. Land east of the subject property appears to be agricultural.
1969 EDR Aerial Photograph 1" = 1,000'	The subject property appears unchanged, though the sewage treatment facility has expanded somewhat.

Table 2. Summary of Historical Aerial Photograph Interpretation (Continued)

Date of Aerial Photograph	Observations
1972 EDR Aerial Photograph 1" = 750'	Land adjacent to the east of the subject property appears to have been graded, and the sewage treatment facility has expanded and added new ponds.
1977 EDR Aerial Photograph 1" = 1,000'	Land adjacent to the subject property in all directions appears to have been graded. The sewage treatment facility now abuts or nearly abuts the southeast of the subject property.
1991 EDR Aerial Photograph 1" = 500'	One small structure has been constructed on the subject property, new structures have been constructed to the west and north, a new treatment pond now exists to the southeast, and a new pond exists to the west. The treatment facility has further expanded and baseball fields have been constructed southeast of the treatment facility.
1992 to 2009 Google Earth Aerial Photographs Variable scale	In 2003, a small structure was placed in the northwest corner of the subject property. In 2009, a trailer was positioned north of the building on the subject property, and materials are stored against the eastern boundary. The trailers southwest of the subject property have been replaced by a structure that appears to be modular. What appears to be filling lids for underground storage tanks are evident at the property adjacent to the west of the subject property.
2011 and 2012 Google Earth Aerial Photographs Variable scale	A number of trailers or storage containers are present along the east of the subject property, and a new building exists in the southeast corner. A large object, possibly a generator, exists north of the new building, with wires or hoses leading from it in various directions.

4.3 Adjacent Properties

Properties adjacent to the subject property are illustrated in Figures 1 and 2. To the west is an active fueling station. To the north is a small industrial type building. A roadway, followed by a parking area and a lined bladder for biosolids sludge, are located to the east, and more trailers and the main sewage processing facility are located to the south.

4.4 Previous Phase I ESA Reports

SWCA is not aware of, and was not provided with, any other Phase I ESA reports for the subject property.

4.5 Interviews

On January 10, 2013, Devin Keane of SWCA conducted an on-site visit with Art Norzagaray, the Waste Treatment Plant Manager, and Patrick Paddock, a knowledgeable employee at the facility. Mr. Norzagaray has been the Plant Manager for approximately 1.5 years and has been working at various facilities in the Pima County Wastewater Treatment System for 13 years. Mr. Paddock has worked at the facility for 16 years. Mr. Norzagaray escorted Mr. Keane through the treatment facility to the subject property and pointed out that the boundaries roughly followed the fence lines which appear on Figure 2. According to both individuals, the subject property has been primarily used as a laydown area during construction of other facilities, temporary office trailers, and for other storage. They indicated that the number of office trailers change configuration or total number depending on construction activities taking place at the facility. Mr. Paddock mentioned that several septic tanks serving the office trailers were intended to be temporary, but are still in use.

They both indicated that the bladder pond for biosolids treatment, adjacent to the east, infrequently discharges to adjacent areas during heavy storm events, but that discharge is only superficial and any necessary cleanups take place immediately following the event. Both individuals also indicated that the fueling station to the west of the subject property is active, and had probably experienced minor spills

over the years. However, no significant spills have occurred and minor spills were remediated. According to Mr. Norzagaray, the land use prior to the treatment facility was agricultural. Neither party was aware of any contamination, leaks, spills, or other environmental concerns associated with the subject property. They also noted that an abandoned 24-inch gravity waterline exists under the subject property that ran east-west to a well no longer in use. They were not aware if the “temporary office building” was old enough that asbestos-containing products and/or lead-based paint could have been used for construction or renovation in the past. The entire facility began construction in 1977. Copies of the interview and correspondence are provided in Appendix F.

5.0 ENVIRONMENTAL REGULATORY REVIEW

SWCA conducted an environmental regulatory review to establish the environmental history of the subject property and surrounding area, to ascertain whether hazardous waste or hazardous material management, handling, treatment, or disposal activities have occurred on or near the subject property.

5.1 Federal and State Environmental Records

Environmental database reports generated by EDR on December 28, 2012, were used to access environmental records for the subject property and the surrounding properties. The proximity of listed facilities was reviewed to determine the potential effect, if any, these facilities may have on the subject property. The 120 databases searched by EDR include those specified by ASTM Standard E 1527-05, as well as several additional federal and state databases and databases proprietary to EDR. EDR updates its records in accordance with ASTM Standard E 1527-05 guidelines. Additional listed facilities that EDR has not identified may exist within a 1-mile radius. A copy of the EDR report is included in Appendix C.

SWCA also searched state environmental databases at the Arizona Department of Environmental Quality (ADEQ) Interactive Geographic Information System (GIS) eMaps website, and ADEQ's online leaking underground storage tank (LUST) and underground storage tank (UST) searchable databases (ADEQ 2013a-c). Information gleaned from these sources is integrated into the records described below. Maps from ADEQ eMaps are included in Appendix C.

The subject property was not identified in any databases.

The Pima County Ina Road Wastewater Treatment Plant (also listed as Pima County Wastewater Management), located adjacent to the subject property, was listed in the Resource Conservation and Recovery Act (RCRA) Conditionally Exempt Small Quantity Generator (CESQG), Aquifer, LUST, and UST databases. As the name implies, conditionally exempt small quantity generators handle only small quantities of hazardous waste, and no violations were noted for this facility. A UST was reported to be leaking in 1992, and was removed in 1994 with soil levels meeting RBCA Tier 1 standards. Another UST was permanently removed in 1991 with no indication that it had leaked. The specific locations of the tanks within the property are not certain.

Pima County – Ina Road Automotive Services facility is mapped approximately 400 feet east of the subject property at 4901 West Ina Road. However, according to information obtained during the site visit, it is actually the fueling area located adjacent to the west of the subject property. This facility was listed in the UST and LUST databases. The listings indicated that this facility had six USTs. USTs were reported to be leaking, four USTs were removed in 1999, and the cases were closed with soil levels meeting risk-based corrective action (RBCA) Tier 1 standards. Removal records were not listed for the two remaining USTs, and it is assumed they are still in place and in use. No additional leaks were noted.

The Pima County Ina Road Construction & Demolition (C&D) Landfill and Waste Transfer Collection Site, located approximately 1,400 feet west of the subject property at 5301 West Ina Road, was listed in the solid waste tires (SWTIRE) database and was listed as a C&D landfill. C&D landfills contain only construction and demolition debris (inert materials); hazardous materials and petroleum products are not allowed. An SWTIRE site is a solid waste facility at which waste tires are stored outdoors on any day. Mapping appears to illustrate that the landfill takes up most of the parcel west and south of the wastewater treatment facility.

Trico Electric Cooperative, located approximately 600 feet northwest of the subject property at 5100 West Ina Road, was listed in the UST and aboveground storage tank (AST) databases. This parcel is

currently owned by the Town of Marana. The five USTs were permanently removed in 1988, and there are no indications that the USTs or the AST had leaked.

The address of 4900 West Ina Road, located approximately 900 feet northeast of the subject property, was listed with several names in several databases: Tosco Northwest Company (RCRA Non-Generator database), Exxon (US Historical Auto Stations database), and Circle K (LUST and UST databases). This site is currently an active Circle K gas station. Two USTs were reported to be leaking in 1995 and 1997. They were removed and the cases were closed in 1996 and 1999 with soil levels meeting RBCA Tier 1 standards. RCRA Non-Generators do not presently generate hazardous waste, and no violations were noted for this facility.

Parcel 214-01-007C, located approximately 860 feet east-northeast of the subject property at 4905 West Ina Road, was listed in the LUST, UST, and US Historical Auto Stations databases. This parcel is not listed as an existing parcel in Pima County's MapGuide mapping. It appears that it would be located where Tucson Sunrise Properties (4903 West Ina Road) and Valencia Decaf, LLC, and County Realty, LLC (4907 West Ina Road) are currently located. Five USTs were reported to be leaking in 2000. They were all removed in 2000 and the cases were closed between 2000 and 2004, with soil levels meeting RBCA Tier 1 and Tier 2 standards.

The Waste Management, Inc., Marana Transfer station, located approximately 900 feet northwest of the subject property at 5200 West Ina Road, was listed in the Solid Waste Facility/Landfill (SWF/LF), RCRA-CESQG, and AST databases. The SWF/LF listing merely indicated that a transfer station exists at this location. As the name implies, CESQGs handle only small quantities of hazardous waste, and no violations were noted for this facility. This facility had a 15,000-gallon diesel AST installed in 1995, and no leaks are noted.

The CEMEX, Inc., Ina Road Pit, located approximately 1,400 feet northwest of the subject property, was listed in the mines database as a mine and as a plant. No spills, leaks, or violations were noted for this facility.

Tusonix, Inc., and 47 Steel were erroneously listed in the EDR report and are actually located several miles away from the subject property.

5.1.1 Orphan Sites

In addition to the sites/facilities listed in the EDR report, EDR provided a list of sites or facilities that are listed in one or more regulatory agency databases but could not be mapped because of incomplete address or locational information; these are called orphan sites. The EDR report identified 38 orphan sites. It was determined that all but two of the listings were not relevant to the subject property because of their status and/or location with respect to the subject property. The CEMEX, Inc., Ina Road Pit and the Ina Road construction debris landfill were deemed to be relevant and are discussed in Section 5.1 above.

6.0 PROPERTY RECONNAISSANCE

Mr. Devin Keane of SWCA completed the Phase I ESA site investigation of the subject property on January 10, 2013. The subject property was accessed via roadways, walking the property, and entering buildings. Mr. Keane was accompanied by Mr. Norzagaray and Mr. Paddock, Pima County Public Works employees. Photographs taken during the property reconnaissance are included in Appendix D.

6.1 Property Inspection

The subject property is approximately one-acre in size and is fenced on the west and east. The ground surface has been completely disturbed from years of heavy traffic and construction use and is relatively flat, sloping slightly from east to west. A majority of the subject property surface was covered with gravel. The subject property has been used as laydown area in the past but did not appear to contain any stockpiles of construction-related materials.

The subject property contained four temporary construction office trailers and the trailers contained typical materials for office use. Each unit appeared to be relatively new, in good condition, air-conditioned, and outfitted with water and sewage facilities. North of these trailers is a small office trailer that is a former water quality testing lab. It currently serves as storage and a temporary office for maintenance personnel. There is another “temporary office building” that has been in place for several decades. It is serviced by the same temporary septic and electrical connections as the other trailers. It was locked, and was not able to be inspected. Mr. Keane was informed that it held typical office supplies, etc. Sewage lines are connected to septic systems that are located below the subject property, which are managed by a sump line. The sump is controlled via an industrial electrical panel in the northwest corner of the subject property. Water and electrical line connections emerge from the ground in several locations, including a large series of electrical boxes on the east side between two trailers. Several water spigots discharge water at normal residential pressures. Several recent-model pickup trucks were parked on the subject property outside of the two trailers on the northeast end. The southeastern corner of the subject property was empty on the date of the visit, but is often used a construction laydown area or is occupied with temporary office and/or storage trailers.

In addition to subsurface electrical lines, power pole lines crisscross the subject property. One pole on the northeast corner houses three transformers, all which appeared to be in good condition. No aboveground storage tanks were observed. No evidence of any significant spills was observed. Some minor surficial stains around the parked vehicles was evident and appeared to be fuel or oil.

No fluid containers other than for water storage were observed, and none were more than 5 gallons. No evidence of significant leaks or spills was observed. No wells were located on or adjacent to the subject property. No suspicious odors, stains, or potential sources of contamination were observed on the subject property, aside from general odors from the treatment plant’s adjacent facilities.

7.0 PHASE I ESA FINDINGS

The following list presents selected findings of this Phase I ESA:

- SWCA's review of historical aerial and topographic maps indicated that by 1968, the area around the subject property had been developed into a sewage disposal facility, with treatment ponds to the southeast and northwest of the subject property.
- SWCA's interviews during the site reconnaissance revealed that several septic tanks serving the office trailers, intended to be temporary, are still in use. Though the presence of septic tanks is not considered to be a recognized environmental condition (REC), their locations should be noted for future design and redevelopment.
- SWCA's interviews during the site reconnaissance revealed that a biosolids treatment bladder pond adjacent to the east of the subject property infrequently discharges during heavy storm events. Because discharge is said to be only superficial, and any necessary cleanups take place immediately following the event, this finding is not considered to be a REC for the subject property.
- SWCA's interviews during the site reconnaissance revealed that an abandoned 24-inch gravity waterline exists under the subject property that once ran east-west to a well no longer in use. Though the presence of the abandoned water line is not considered to be a REC, its location should be noted for future design and redevelopment.
- SWCA's interviews during the site reconnaissance revealed the temporary office building has been in place for decades, and may be old enough that asbestos-containing materials and/or lead-based paint could have been used for construction or renovation in the past. Because of the age of the structure, it should be tested for lead-based paint and asbestos-containing materials prior to any demolition activities. Because the structures may contain lead-based paint and/or asbestos-containing materials, this finding is considered to be a REC for the subject property.
- SWCA's review of the Environmental Data Resources, Inc. (EDR), database and the Arizona Department of Environmental Quality (ADEQ) eMaps database identified the Pima County Ina Road Wastewater Treatment Plant (also listed as Pima County Wastewater Management), located adjacent to the subject property, in the Resource Conservation and Recovery Act (RCRA) Conditionally Exempt Small Quantity Generator (CESQG), underground storage tank (UST), and leaking underground storage tank (LUST) databases. As the name implies, conditionally exempt small quantity generators handle only small quantities of hazardous waste, and no violations were noted for this facility. A UST was reported to be leaking in 1992, and was removed in 1994 with soil levels meeting risk-based corrective action (RBCA) Tier 1 standards. Another UST was permanently removed in 1991 with no indication that it had leaked. The specific locations of the tanks within the Wastewater Treatment Plant are not certain. Because no RCRA violations were noted, because leaking tanks were removed, and because soils met Tier 1 standards, this finding is not considered to be a REC for the subject property.
- SWCA's review of the EDR database and the ADEQ eMaps database identified the Pima County – Ina Road Automotive Services facility adjacent to the west of the subject property. This facility had six USTs, of which four were removed in 1999 after leaking. The cases were closed with soil levels meeting RBCA Tier 1 standards. No additional leaks were noted. Because leaking tanks were removed, because soils met Tier 1 standards, and because no leaks were noted for the remaining tanks, this finding is not considered to be a REC for the subject property.
- SWCA's review of the EDR database and the ADEQ eMaps database identified the Pima County Ina Road Construction & Demolition (C&D) Landfill and Waste Transfer Collection Site, located

approximately 1,400 feet west of the subject property at 5301 West Ina Road, in the solid waste tires (SWTIRE) database. An SWTIRE site is a solid waste facility, at which waste tires are stored outdoors on any day, and C&D landfills contain only construction and demolition debris (inert materials); hazardous materials and petroleum products are not allowed. Because no leaks or contamination were noted for the C&D landfill, and because the facility only accepts inert debris, this finding is not considered to be a REC for the subject property.

- SWCA's review of the EDR database and the ADEQ eMaps database identified Trico Electric Cooperative, located approximately 600 feet northwest of the subject property at 5100 West Ina Road, in the UST and aboveground storage tank (AST) databases. This parcel is currently owned by the Town of Marana. The five USTs were permanently removed in 1988, and there are no indications that the USTs or the AST had leaked. Because the tanks were permanently removed, and because no leaks were noted, this finding is not considered to be a REC for the subject property.
- SWCA's review of the EDR database and the ADEQ eMaps database identified 4900 West Ina Road, located approximately 900 feet northeast of the subject property, with several names in several databases: Tosco Northwest Company (RCRA Non-Generator database), Exxon (US Historical Auto Stations database), and Circle K (LUST and UST databases). This site is currently an active Circle K gas station. Two USTs were reported to be leaking in 1995 and 1997. They were removed and the cases were closed with soil levels meeting RBCA Tier 1 standards. Because RCRA Non-Generators do not presently generate hazardous waste and no violations were noted for this facility, because leaking tanks were removed, and because soils met Tier 1 standards, this finding is not considered to be a REC for the subject property.
- SWCA's review of the EDR database and the ADEQ eMaps database identified Parcel 214-01-007C, located approximately 860 feet east-northeast of the subject property at 4905 West Ina Road, in the LUST, UST, and US Historical Auto Stations databases. Five USTs were reported to be leaking in 2000; they were all removed in 2000 and the cases were closed with soil levels meeting RBCA Tier 1 and Tier 2 standards. Because leaking tanks were removed, and because soils met Tier 1 and Tier 2 standards, this finding is not considered to be a REC for the subject property.
- SWCA's review of the EDR database and the ADEQ eMaps database identified the Waste Management, Inc., Marana Transfer station, located approximately 900 feet northwest of the subject property in the Solid Waste Facility/Landfill (SWF/LF), RCRA-CESQG, and AST databases. The SWF/LF listing merely indicates that a transfer station exists at this location. CESQGs handle only small quantities of hazardous waste, and no violations were noted for this facility. This facility had a 15,000-gallon diesel AST installed in 1995, and no leaks are noted. Because no RCRA violations were noted, and because no leaks were noted, this finding is not considered to be a REC for the subject property.
- SWCA's review of the EDR database and the ADEQ eMaps database identified The CEMEX, Inc., Ina Road Pit, located approximately 1,400 feet northwest of the subject property, in the mines database as a mine and as a plant. No spills, leaks, or violations were noted for this facility. Because no spills, leaks, or violations were noted, this finding is not considered to be a REC for the subject property.
- SWCA's site reconnaissance of the subject property identified three pole-mounted transformers on the subject property. Because they appeared to be in good condition, and no evidence of leaks was noted, this finding is not considered to be a REC for the subject property.
- SWCA's site reconnaissance of the subject property identified minor surficial staining on the subject property around parked vehicles. Because the staining appeared to be only superficial fuel or oil stains associated with parked vehicles, the staining is considered de minimis and this finding is not considered to be a REC for the subject property.

8.0 PHASE I ESA CONCLUSIONS

SWCA has completed a Phase I ESA of the subject property based on information obtained during the site investigation conducted on January 13, 2013, and the information obtained through the activities of this Phase I ESA, excluding the limitations.

We have performed, in conformance with the scope and limitations of the American Society for Testing and Materials Standard E 1527-05, a Phase I ESA of the subject property described in Section 2.0 of this report: an approximately one-acre site within the Ina Road Wastewater Reclamation Facility southwest of the Ina Road and Interstate 10 intersection, in Marana, Pima County, Arizona. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report. This assessment has revealed no evidence of RECs in connection with the subject property except for the following:

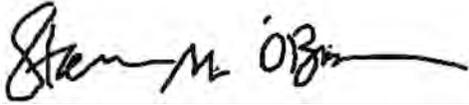
- The temporary office building on the subject property is thought to be several decades old. Because of the age of the structure, it should be tested for lead-based paint and asbestos-containing materials prior to any demolition activities. Because the structure may contain lead-based paint and/or asbestos-containing materials, this finding is considered to be a REC for the subject property.

9.0 LITERATURE CITED

- American Society for Testing and Materials (ASTM). 2005. *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. Document No. E 1527-05.
- Arizona Department of Environmental Quality (ADEQ). 2013a. Interactive Geographic Information System eMaps website. Available at: <http://www.azdeq.gov/function/programs/gis.html>. Accessed January 2, 2013.
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- . 2013c. Searchable Underground Storage Tank (UST) Database. Available at: <http://www.azdeq.gov/databases/ustsearch.html>. Accessed January 3, 2013.
- Arizona Department of Water Resources. 2010. *Arizona Water Atlas, Vol. 3: Southeastern Arizona Planning Area*. Hydrology Division, Arizona Department of Water Resources.
- Richard, S.M., S.J. Reynolds, J.E. Spencer, and P.A. Pearthree. 2000. Geologic map of Arizona. Arizona Geological Survey Map 35. Scale 1:1,000,000.
- U.S. Department of Agriculture Natural Resources Conservation Service (NRCS). 2012. Web Soil Survey. Available at: <http://websoilsurvey.nrcs.usda.gov>. Accessed December 31, 2012.
- U.S. Geological Survey (USGS). 2012. Mineral resources online spatial data: geologic maps of U.S. states. Available at: <http://tin.er.usgs.gov/geology/state>. Accessed January 2, 2013.

10.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

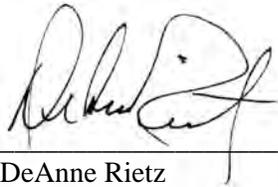
We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in §312.10 of 40 Code of Federal Regulations (CFR) 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312. Our qualifications are presented in Appendix B of this report.



Steven M. O'Brien
Environmental Specialist

01/25/13

Date



DeAnne Rietz
Environmental Specialist

01/25/13

Date

APPENDIX A

Phase I ESA Proposal

SCOPE OF WORK

Phase I Environmental Site Assessment Pima County Biogas Utilization Facility in Tucson, Arizona

SWCA Environmental Consultants (SWCA) will complete a Phase I environmental site assessment (ESA) for the approximately 1-acre site located within the Pima County Water Reclamation Facility southeast of Ina Road and Interstate 10 in Tucson, Arizona, in accordance with the standards described in American Society for Testing and Materials (ASTM) Standard E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (2005). It is our understanding that the proposed project requires a Phase I ESA.

The objective of the Phase I ESA is to assess the subject property, to the extent practical, for the potential presence of recognized environmental conditions (RECs), defined in ASTM Standard E 1527-05 as "the presence or likely presence of hazardous materials or petroleum products under conditions that indicate an existing release, a past release, or material threat of a release of any hazardous substances or petroleum products into structures on the property, or into the ground, groundwater, or surface water of the property."

TASK 1. PHASE I ENVIRONMENTAL SITE ASSESSMENT

The following scope of work applies to a Phase I ESA, and consists of four subtasks.

1.1 Records Review

SWCA will review available historical documents, including aerial photographs, Sanborn fire insurance maps, and other land-use documents (if available), in order to identify past operations or activities that may have caused the release of hazardous substances into the environment. If made available by the client, SWCA also will review copies of environmental reports previously prepared for the site, environmental compliance audits, environmental permits, environmental liens or activity-use limitations, and any other available environmental documents relating to the site. If provided by the client, specialized knowledge of or experience relating to the property or nearby properties will be reviewed by SWCA.

Additionally, available state and federal regulatory databases will be reviewed to determine whether the site or nearby facilities have been subject to any environmental actions or review. The regulatory database review will, at a minimum, include the databases required to satisfy the ASTM standard. As part of the review process, site location, hydrogeological characteristics, geographic setting, and physiography also will be summarized.

A 50-year chain-of-title report and a lien search, which are some of the standard historical sources suggested for review in ASTM Standard E 1527-05, will not be obtained by SWCA under this scope of work. SWCA will, however, review a chain-of-title report and lien search if supplied by the client or we will obtain such a report at an additional cost to this scope of work, if requested by the client.

1.2 Interviews

If site contact and/or property owner contact information is made available by the client, SWCA personnel will attempt to interview those individuals who are knowledgeable about the history of the site (typically, a past or current owner, operator, manager, or occupant of the site). Reasonable

attempts will be made to interview at least one staff member of state or local government agencies regarding information that indicates RECs in connection with the property.

1.3 Site Reconnaissance

SWCA personnel will conduct a reconnaissance of the project area and vicinity to visually identify and photograph areas with potential RECs and to document current site conditions. This scope of work does not include activities such as collecting or analyzing soil, air, water, or other environmental samples and will not address issues such as radon, asbestos, lead, vapor intrusion, or radioactivity. SWCA personnel will visually inspect the property and the interiors of buildings where hazardous chemicals and petroleum products are stored or used. SWCA personnel will require access to all areas of the subject property, entry to any structures, and a meeting with a senior facility personnel on the day of the site reconnaissance. SWCA will contact the client to make access arrangements for SWCA staff to visit the site.

1.4 Report Generation

The Phase I ESA findings will be summarized and documented in a report. Sections within the report will include 1) an introduction and description of the scope of work; 2) a description of the site; 3) a summary of the site history, including interviews and user-provided information; 4) a regulatory database review; and 5) a description of and findings of the site reconnaissance. Report limitations and literature cited will also be included. Figures, at a minimum, will include 1) a regional site location map; and 2) a detailed site plan. Where applicable, report appendices could include 1) reproductions of up to two representative aerial photographs; 2) a copy of the regulatory database review report; 3) up to 20 site photographs; 4) any applicable site history and prior-use documentation; and 5) copies of relevant environmental reports that have been previously prepared for the site, if supplied by the client.

User-provided information is an essential component of the Phase I ESA and includes items such as copies of any previous Phase I ESA or other environmental documents, completed user questionnaires, and contact information for current or past owners or land users. According to ASTM Standard E 1527-05, the content of a Phase I ESA is valid for only 180 days. If the date of the intended use for Phase I ESA is not within 180 days of the completion of the report, an update will be necessary. This scope of work assumes that the intended use of the report will occur within 180 days, that no report revisions will be required, and the report will be delivered electronically as one PDF file and by mail as one CD containing a PDF copy of the report. Hard copies of the report can be provided upon request at an additional cost.

The project cost and schedule are based on the expectation of timely receipt of information from the client. SWCA will begin work immediately after receiving a signed contract. SWCA anticipates completing the final report by January 18, 2013 if we receive written notice to proceed and the fully executed contract by December 28, 2012.

1.5 Invoicing

For fixed-fee contracts, no billing detail or back-up documentation (i.e., receipts, timesheets, or descriptions of service) will be provided. They will be billed at an overall percentage of project completeness or at a rate predetermined with the client. Although not a part of this proposal, additional items, such as narrative progress reports, timesheets, receipts, and descriptions of service

for hours worked, can be provided at an additional cost. Invoices will be produced monthly and sent to client by either email or hard copy, depending on the client's preferred method.

Cost to complete the Phase I ESA: \$ [REDACTED]

APPENDIX B
SWCA Credentials

Education

B.A., Biology/Chemistry, Gettysburg College; Pennsylvania, 1994

Expertise

ESAs

Wetland delineation and hydric soils

Stream channel assessment and restoration

Riparian restoration

Soil surveys

State/National Environmental Policy Act documentation

Protected species

Clean Water Act Section 404/401 permitting

Construction oversight

Project management

Relevant Projects

- Phase I EDDAs for six airport expansion projects; throughout Arizona
- Phase I ESA of former mining operation; Silverton, Colorado
- 52-square mile Phase I ESA for wind farm construction, Colorado
- 43,000-acre Phase I ESA for wind farm construction, Williams, Arizona
- 4,500-acre Phase I ESA for wind farm construction; New Mexico
- Phase I ESA of former Naval Depot for redevelopment; Polaris Point, Guam
- More than 30,000 acres of wetland delineations; 10 states
- 86-mile transmission line Phase I ESA and wetland delineation; Florence, South Carolina
- 950-acre Phase I ESA and wetland delineation; Fort Stewart, Georgia

Mr. O'Brien is an Environmental Specialist in SWCA's Phoenix office. He has more than 17 years of experience in environmental consulting and technical writing, including 11 years of extensive experience performing Phase I environmental site assessments (ESAs).

He has performed numerous ESAs in a variety of locations, from uninhabited deserts and mountains to dense metropolitan settings in six different states and Guam, from 1-acre parcels to 52-square mile assemblages, including a U.S. Environmental Protection Agency (EPA) Superfund site and a Department of Defense site. He has taught others to conduct ESAs and has prepared and taught a classroom and field session on ESA field and writing techniques. His specialties include applying ASTM Standard 2247-08 for large-scale projects and performing Federal Aviation Administration-Standard Phase I Environmental Due Diligence Audits (EDDAs) for airport projects.

Mr. O'Brien is experienced in performing soil mapping, wetland delineations, habitat assessments, permitting, protected species, and stream morphology assessments. He has delineated more than 30,000 acres of wetlands and has performed assessment, design, and construction oversight for more than 250 stream stabilization sites. He has completed M.A.-level coursework in soil characterization and hydric soils and is familiar with the methods used by the Natural Resources Conservation Service National Soil Survey Center for describing and sampling soils (the method used to create local soil surveys). He has extensive experience performing construction oversight and has experience training contractors, staff, and local officials.

Mr. O'Brien has extensive plant, soil, and hydrology fieldwork experience in 12 states in locations from coastal marshes to deserts to high in the Rocky Mountains. He has been 40-hour Hazardous Waste and Emergency Response (HAZWOPER)-certified since 1996. He earned a Watershed Training Certificate from the EPA, a Water Supply Watershed Protection certificate, and is a current member of the Arizona Association of Environmental Professionals and the Arizona Riparian Council.

Education / Training

- M.S., Watershed Management, University of Arizona; Tucson, 1999
- B.S., Natural Resources, University of Arizona; Tucson, 1997
- U.S. Environmental Protection Agency All Appropriate Inquiry (AAI) and the New ASTM Phase I Standard after AAI—ASTM-accredited course; 2007
- ESAs for Commercial Real Estate—ASTM-accredited course; 2006

Registration / Certification

- CPESC – Certified Professional in Erosion and Sediment Control (Certification Number 6100)

Expertise

- ESAs/EISs
- SWPPPs
- Riparian mitigation and native plant preservation plans
- Hydrologic/hydraulic sensitivity analysis
- Surface water modeling, including watershed delineation and floodplain mapping
- Graphic representation of spatial site data and photo interpretation for vegetation community mapping

Relevant Projects

- Environmental Scientist, Phase I and II ESAs; Polaris Point, Guam
- Environmental Scientist, 20,000 Acres Phase I and II ESAs; Maricopa County, Arizona
- Environmental Scientist, Lower Colorado River Southwest Willow Flycatcher Studies; Coconino County, Arizona
- Environmental Scientist, U.S. Army Corps of Engineers, Rio Salado Habitat Restoration—Tempe Reach; Tempe, Arizona

Ms. Rietz is an environmental scientist and project manager in SWCA's Phoenix office with more than 12 years of experience. Throughout her career, she has participated in numerous Phase I Environmental Site Assessment (ESA) projects and fieldwork associated with site analysis and environmental sampling. She has prepared Clean Water Act (CWA) Section 404 permits, Native Plant Preservation Plans, Stormwater Pollution Prevention Plans (SWPPPs), Riparian Habitat Mitigation Plans, and native vegetation regulatory reports for local, state, and federal jurisdictions.

Ms. Rietz is experienced in performing Phase I and II ESAs in accordance with the American Society for Testing and Materials (ASTM) Standards for ESAs throughout Arizona, New Mexico, California, and Guam. She has experience conducting site inspections, interviews, and reviews of aerial photography, environmental databases, and regulatory reports. She has conducted sensitivity analyses for riparian restoration projects and has served as project manager for large, comprehensive vegetation mitigation projects. Her responsibilities have included performing extensive site analysis, obtaining approved mitigation plans, and overseeing project-wide compliance.

Ms. Rietz has worked on a wide variety of projects regulated under the CWA, including Jurisdictional Determinations and 404 permitting for residential, commercial, and public lands. She has written numerous SWPPPs and conducted native plant surveys throughout Arizona. Her experience also includes researching and writing resource reports for Environmental Assessments (EAs) and Environmental Impact Statements (EISs) and Navajo Nation land use plans. In addition, she has experience in vegetation mapping, aerial photography interpretation, monitoring of vegetation mitigation plans, and use of HEC-1, HEC-2, and HEC-RAS for groundwater and surface water modeling and floodplain mapping.

Ms. Rietz also conducted field research and data collection for watershed assessment methods and channel geomorphic analysis, including performing extensive analysis and research on a nationwide rainfall-runoff database for the Natural Resources Conservation Service.

APPENDIX C

Environmental Database Records

Pima County Biogas Facility

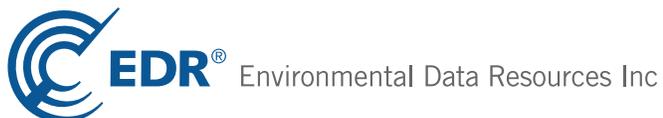
5025 West Ina Road

Tucson, AZ 85743

Inquiry Number: 3484840.2s

December 28, 2012

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

5025 WEST INA ROAD
TUCSON, AZ 85743

COORDINATES

Latitude (North): 32.3362000 - 32° 20' 10.32"
Longitude (West): 111.0718000 - 111° 4' 18.48"
Universal Transverse Mercator: Zone 12
UTM X (Meters): 493242.8
UTM Y (Meters): 3577515.2
Elevation: 2187 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 32111-C1 JAYNES, AZ
Most Recent Revision: 1995

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2010
Source: USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

AZ WQARF..... Water Quality Assurance Revolving Fund Sites

State- and tribal - equivalent CERCLIS

SPL..... Superfund Program List

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

EXECUTIVE SUMMARY

State and tribal institutional control / engineering control registries

AUL..... DEUR Database

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Tracking System

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
AOCONCERN..... Superfund GIS Information
CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Hazardous Material Logbook

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

EXECUTIVE SUMMARY

HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
UIC.....	Underground Injection Control Wells
DRYCLEANERS.....	Drycleaner Facility Listing
AZ DOD.....	Department of Defense Sites
Aquifer.....	Waste Water Treatment Facilities
Dry Wells.....	Drywell Registration
AIRS.....	Arizona Airs Database
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PRP.....	Potentially Responsible Parties
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
2020 COR ACTION.....	2020 Corrective Action Program List
EPA WATCH LIST.....	EPA WATCH LIST
US FIN ASSUR.....	Financial Assurance Information
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
Financial Assurance.....	Financial Assurance Information Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Cleaners.....	EDR Exclusive Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting

EXECUTIVE SUMMARY

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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/11/2012 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WASTE MANAGEMENT	5200 W INA RD	WNW 1/8 - 1/4 (0.204 mi.)	C7	10

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Quality's ZipAcids database.

A review of the SHWS list, as provided by EDR, and dated 01/03/2000 has revealed that there are 2 SHWS sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
47 STEEL	3909 N. RUNWAY DR.	WNW 1/8 - 1/4 (0.202 mi.)	C5	9
TUSONIX INC	7741 N BUSINESS PARK DR	NW 1/2 - 1 (0.955 mi.)	15	23

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Department of Environmental Quality's Municipal Solid Waste Landfills.../Closed Solid Waste Landfills...database.

A review of the SWF/LF list, as provided by EDR, and dated 03/01/2012 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WMI - MARANA TRANSFER STATION/		WNW 1/8 - 1/4 (0.204 mi.)	C6	9

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's LUST File Listing by Zip Code.

A review of the LUST list, as provided by EDR, and dated 10/15/2012 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PARCEL 214-01-007C Date Closed: 06/22/01 Date Closed: 08/13/04 <i>*Additional key fields are available in the Map Findings section</i>	4905 W INA RD	ENE 1/8 - 1/4 (0.182 mi.)	B3	7
PIMA COUNTY - INA ROAD AUTOMOT Date Closed: 06/16/99	4901 W INA RD	ENE 1/8 - 1/4 (0.206 mi.)	B8	14
CIRCLE K #2705537 Date Closed: 02/20/96 Date Closed: 05/10/99	4900 W INA RD	ENE 1/8 - 1/4 (0.207 mi.)	B9	15
PIMA COUNTY - INA ROAD WWTP Date Closed: 04/06/94	7101 N CASA GRANDE HWY	E 1/4 - 1/2 (0.308 mi.)	D13	23

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 10/15/2012 has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PARCEL 214-01-007C Closure Type: Perm Removal	4905 W INA RD	ENE 1/8 - 1/4 (0.182 mi.)	B3	7
PIMA COUNTY - INA ROAD AUTOMOT Closure Type: Perm Removal	4901 W INA RD	ENE 1/8 - 1/4 (0.206 mi.)	B8	14
CIRCLE K #2705537 Closure Type: Perm Removal	4900 W INA RD	ENE 1/8 - 1/4 (0.207 mi.)	B9	15

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TRICO ELECTRIC COOPERATIVE INC Closure Type: Perm Removal	5100 W INA RD	NW 0 - 1/8 (0.098 mi.)	A1	7

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Quality's Arizona UST-DMS Facility and Tank Data Listing by City database.

A review of the AST list, as provided by EDR, and dated 12/31/2000 has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TRICO ELECTRIC COOP	5100 W. INA ROAD	NW 0 - 1/8 (0.098 mi.)	A2	7
WASTE MANAGEMENT	5200 W INA RD	WNW 1/8 - 1/4 (0.204 mi.)	C7	10

EXECUTIVE SUMMARY

State and tribal institutional control / engineering control registries

AZURITE: ADEQ maintains a repository listing sites remediated under programs administered by the department.

A review of the AZURITE list, as provided by EDR, and dated 10/11/2012 has revealed that there is 1 AZURITE site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CIRCLE K #2705537</i>	<i>4900 W INA RD</i>	<i>ENE 1/8 - 1/4 (0.207 mi.)</i>	<i>B9</i>	<i>15</i>

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

A review of the SWTIRE list, as provided by EDR, and dated 07/01/2012 has revealed that there is 1 SWTIRE site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>PIMA COUNTY INA ROAD CDLF (WTC)</i>	<i>5301 WEST INA ROAD; 1 M</i>	<i>WNW 1/4 - 1/2 (0.354 mi.)</i>	<i>14</i>	<i>23</i>

Other Ascertainable Records

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

A review of the RCRA-NonGen list, as provided by EDR, and dated 09/11/2012 has revealed that there is 1 RCRA-NonGen site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>TOSCO NORTHWEST 02481</i>	<i>4900 WEST INA ROAD AND</i>	<i>ENE 1/8 - 1/4 (0.207 mi.)</i>	<i>B10</i>	<i>16</i>

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

A review of the MANIFEST list, as provided by EDR, and dated 12/31/2007 has revealed that there is 1 MANIFEST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>WASTE MANAGEMENT</i>	<i>5200 W INA RD</i>	<i>WNW 1/8 - 1/4 (0.204 mi.)</i>	<i>C7</i>	<i>10</i>

EXECUTIVE SUMMARY

WWFAC: Statewide list of waste water treatment facilities.

A review of the WWFAC list, as provided by EDR, and dated 07/09/2012 has revealed that there is 1 WWFAC site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PIMA, COUNTY OF - INA ROAD WWT	7101 N CASA GRANDE HWY	E 1/4 - 1/2 (0.308 mi.)	D12	19

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 2 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	4905 W INA RD	ENE 1/8 - 1/4 (0.182 mi.)	B4	9
EXXON TYLER WILSON BRANCH MANA	4900 W INA RD	ENE 1/8 - 1/4 (0.207 mi.)	B11	18

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 38 records.

<u>Site Name</u>	<u>Database(s)</u>
WQ-FAGAN LAKE	SHWS
ARIZONA TRUCK SERVICE/D&D GARAGE	SHWS
DELCRON MECHANICAL, INC.	SHWS
EL PASO NATURAL GAS TUCSON STATION	SHWS
THREE POINTS WTCS	SWTIRE
ARIZONA TRUCK SERVICE/D&D GARAGE	CERC-NFRAP
AJO	SWF/LF
RYLAND	SWF/LF
PIMA COUNTY - LUKEVILLE TRANSFER S	SWF/LF
INA ROAD CONSTRUCTION DEBRIS	SWF/LF
SAHUARITA	SWF/LF
LOS REALES	SWF/LF
SAHUARO MONUMENT	SWF/LF
WILMOT RD.	SWF/LF
LINDA LANDFILL	SWF/LF
CORTARO ROAD	SWF/LF
PIMA COUNTY - THREE POINTS TRANSFE	SWF/LF
SASABE	SWF/LF
PIMA COUNTY - LA CHOLLA #2	SWF/LF
SPEEDWAY LANDFILL	SWF/LF
TANGERINE	SWF/LF
PIMA COUNTY - CORONA DE TUCSON WWT	WWFAC, Aquifer
FAA TUCSON RTR & RTR-A	UST
CALPORTLAND - RIO RICO FACILITY	AST
ADEQ EL CAMINO DEL CERRO WQARF	RCRA-LQG, FINDS
RELIANT AIR POWER INC	RCRA-CESQG, MANIFEST, HAZNET
3333 SOUTH COUNTY CLUB ROAD	HMIRS
16530 OSAGE TRAIL, MESCAL, PIMA CO	ERNS
22ND STREET MAINLINE FUEL FACILITY	ERNS
22ND STREET FUELING FACILITY	ERNS
PIMA FARMS LIFT STATION	FINDS
PIMA COUNTY - WASTE WATER COLLECTI	FINDS
PIMA COMMUNITY COLLEGE NORTHWEST C	FINDS
PIMA COUNTY - INA ROAD WTCS	FINDS
PIMA CNTY-AVRA VALLEY WWTF EXPANSI	FINDS
FRYS FUEL FACILITY - IRVINGTON	Dry Wells
PIMA COUNTY FLOOD CONTROL	SPILLS
CEMEX, INC.	MINES

OVERVIEW MAP - 3484840.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

DOD Sites: AZ DEQ

Water Quality Assurance Revolving Fund Areas

Areas of Concern

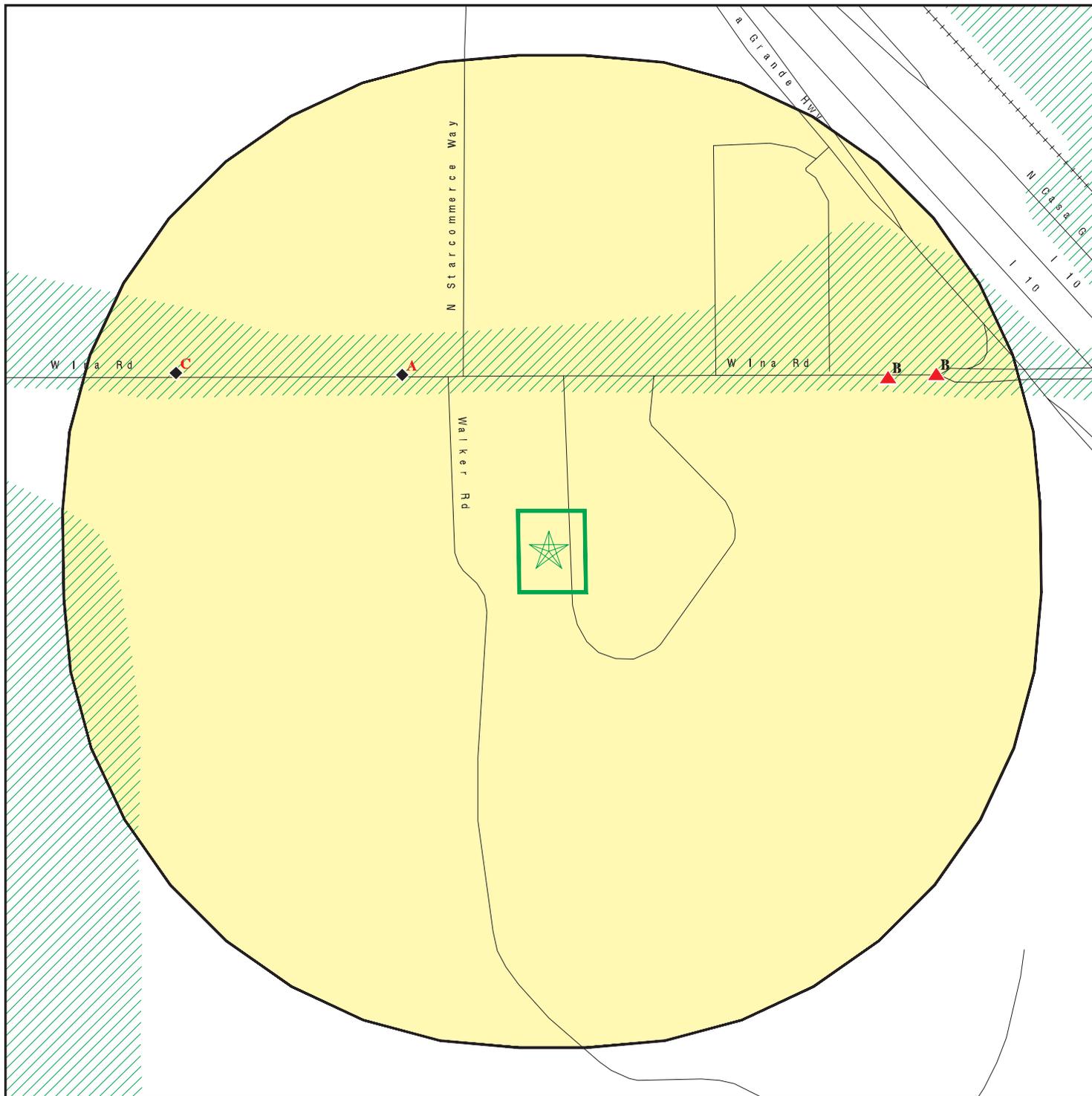


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Pima County Biogas Facility
 ADDRESS: 5025 West Ina Road
 Tucson AZ 85743
 LAT/LONG: 32.3362 / 111.0718

CLIENT: SWCA Environmental Consultants
 CONTACT: Steve Obrien
 INQUIRY #: 3484840.2s
 DATE: December 28, 2012 4:31 pm

DETAIL MAP - 3484840.2s



- | | | | |
|---|-------------------------------|-------------------------|--|
| Target Property | 0 1/16 1/8 1/4 Miles | Indian Reservations BIA | DOD Sites: AZ DEQ |
| Sites at elevations higher than or equal to the target property | Oil & Gas pipelines from USGS | 100-year flood zone | Water Quality Assurance Revolving Fund Areas |
| Sites at elevations lower than the target property | 500-year flood zone | Areas of Concern | |
| Manufactured Gas Plants | | | |
| Sensitive Receptors | | | |
| National Priority List Sites | | | |
| Dept. Defense Sites | | | |

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

SITE NAME: Pima County Biogas Facility
 ADDRESS: 5025 West Ina Road
 Tucson AZ 85743
 LAT/LONG: 32.3362 / 111.0718

CLIENT: SWCA Environmental Consultants
 CONTACT: Steve Obrien
 INQUIRY #: 3484840.2s
 DATE: December 28, 2012 4:32 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	1	NR	NR	NR	1
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
AZ WQARF	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SPL	1.000		0	0	0	0	NR	0
SHWS	1.000		0	1	0	1	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	1	0	NR	NR	1
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	3	1	NR	NR	4

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		1	3	NR	NR	NR	4
AST	0.250		1	1	NR	NR	NR	2
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL	0.500		0	0	0	NR	NR	0
AZURITE	0.500		0	1	0	NR	NR	1
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
SWTIRE	0.500		0	0	1	NR	NR	1
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250		0	1	NR	NR	NR	1
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	1	NR	NR	NR	1
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
AZ DOD	0.500		0	0	0	NR	NR	0
Aquifer	TP		NR	NR	NR	NR	NR	0
Dry Wells	TP		NR	NR	NR	NR	NR	0
WWFAC	0.500		0	0	1	NR	NR	1
AIRS	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	2	NR	NR	NR	2
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A1
NW
< 1/8
0.098 mi.
518 ft.

TRICO ELECTRIC COOPERATIVE INC
5100 W INA RD
TUCSON, AZ 85743
Site 1 of 2 in cluster A

UST **U003050240**
N/A

Relative:
Lower

UST:
Facility ID: 0-005130
Owner: TRICO ELECTRIC COOPERATIVE INC
Tank ID: 1
Date Closed: 12/07/1988
Closure Type: Perm Removal

Actual:
2184 ft.

Facility ID: 0-005130
Owner: TRICO ELECTRIC COOPERATIVE INC
Tank ID: 2
Date Closed: 12/07/1988
Closure Type: Perm Removal

Facility ID: 0-005130
Owner: TRICO ELECTRIC COOPERATIVE INC
Tank ID: 3
Date Closed: 12/07/1988
Closure Type: Perm Removal

Facility ID: 0-005130
Owner: TRICO ELECTRIC COOPERATIVE INC
Tank ID: 4
Date Closed: 12/07/1988
Closure Type: Perm Removal

A2
NW
< 1/8
0.098 mi.
518 ft.

TRICO ELECTRIC COOP
5100 W. INA ROAD
TUCSON, AZ
Site 2 of 2 in cluster A

AST **A100170756**
N/A

Relative:
Lower

AST:
Facility Status: Not reported
Owner: Trico Electric Coop
Owner Address: Not reported
Owner City,St,Zip: Not reported
Owner Phone: Not reported
Group Code: AGSTS
Ownership: Not reported
Comments: Not reported

Actual:
2184 ft.

B3
ENE
1/8-1/4
0.182 mi.
961 ft.

PARCEL 214-01-007C
4905 W INA RD
MARANA, AZ 85743
Site 1 of 6 in cluster B

LUST **U003050202**
UST **N/A**

Relative:
Higher

LUST:
Facility ID: 0-004971
Facility Status: Closed

Actual:
2197 ft.

Lust Number: 5195.01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PARCEL 214-01-007C (Continued)

U003050202

Leak Priority: CLOSED SOIL LVL MEETS TIER1
Notification: 05/18/00
Date Closed: 06/22/01

Lust Number: 5195.02
Leak Priority: CLOSED SOIL LVL MEETS TIER2
Notification: 05/18/00
Date Closed: 08/13/04

Lust Number: 5195.02
Leak Priority: CLOSED SOIL LVL MEETS TIER1
Notification: 05/18/00
Date Closed: 06/22/01

Lust Number: 5195.04
Leak Priority: CLOSED SOIL LVL MEETS TIER2
Notification: 05/18/00
Date Closed: 08/13/04

Lust Number: 5195.05
Leak Priority: CLOSED SOIL LVL MEETS TIER1
Notification: 05/18/00
Date Closed: 05/19/00

UST:

Facility ID: 0-004971
Owner: SHELL OIL PRODUCTS COMPANY LLC
Tank ID: 1
Date Closed: 04/19/2000
Closure Type: Perm Removal

Facility ID: 0-004971
Owner: SHELL OIL PRODUCTS COMPANY LLC
Tank ID: 2
Date Closed: 04/19/2000
Closure Type: Perm Removal

Facility ID: 0-004971
Owner: SHELL OIL PRODUCTS COMPANY LLC
Tank ID: 3
Date Closed: 04/19/2000
Closure Type: Perm Removal

Facility ID: 0-004971
Owner: SHELL OIL PRODUCTS COMPANY LLC
Tank ID: 4
Date Closed: 04/19/2000
Closure Type: Perm Removal

Facility ID: 0-004971
Owner: SHELL OIL PRODUCTS COMPANY LLC
Tank ID: 5
Date Closed: 04/19/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PARCEL 214-01-007C (Continued)

U003050202

Closure Type: Perm Removal

B4
ENE
1/8-1/4
0.182 mi.
961 ft.

4905 W INA RD
TUCSON, AZ 85743

EDR US Hist Auto Stat 1015517753
N/A

Site 2 of 6 in cluster B

Relative:
Higher

EDR Historical Auto Stations:

Name: INA I 10 TEXACO
Year: 1999

Actual:
2197 ft.

Address: 4905 W INA RD

Name: INA I 10 TEXACO
Year: 2000
Address: 4905 W INA RD

C5
WNW
1/8-1/4
0.202 mi.
1069 ft.

47 STEEL
3909 N. RUNWAY DR.
TUCSON, AZ 85706

SHWS S101570974
N/A

Site 1 of 3 in cluster C

Relative:
Lower

SHWS:

EPA ID: AZD983480369
Program: PA/SI
Site Code: 100107
Facility Id: 1169
Discovery Date: 19921210
Source: Not reported
Operable Unit: 0
QWARF Area: MM
Lat: Not reported
Long: Not reported
Lat/Long Method: 80
Comments: Not reported

Actual:
2181 ft.

C6
WNW
1/8-1/4
0.204 mi.
1076 ft.

WMI - MARANA TRANSFER STATION/TUCSON/INA ROAD SWTS

SWF/LF S106205303
N/A

PIMA (County), AZ

Site 2 of 3 in cluster C

Relative:
Lower

SWF/LF:

Facility Status: Active
Facility Type: Arizona Solid Waste Transfer Station
Operator: James Denson
Operator Address: 2137 W Williams
Operator City,St,Zip: Phoenix, AZ 85029
Directions: Not reported
Telephone: Not reported
Owner: Not reported
Operator Company: Not reported

Actual:
2181 ft.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

C7
WNW
1/8-1/4
0.204 mi.
1076 ft.

WASTE MANAGEMENT
5200 W INA RD
TUCSON, AZ 85743
Site 3 of 3 in cluster C

RCRA-CESQG **1004674618**
FINDS **AZR000004325**
AST
MANIFEST

Relative:
Lower

RCRA-CESQG:

Date form received by agency: 02/28/2008

Facility name: WASTE MANAGEMENT

Facility address: 5200 W INA RD

TUCSON, AZ 85743-8487

EPA ID: AZR000004325

Contact: AUBREY WAINGROW

Contact address: NO ADDRESS ON RECORD

Not reported

Contact country: Not reported

Contact telephone: (520) 389-7919

Contact email: Not reported

EPA Region: 09

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Historical Generators:

Date form received by agency: 01/17/2007

Facility name: WASTE MANAGEMENT

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 02/22/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WASTE MANAGEMENT (Continued)

1004674618

Facility name: WASTE MANAGEMENT
Site name: WASTE MANAGEMENT OF TUCSON
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/27/2005
Facility name: WASTE MANAGEMENT
Site name: WASTE MANAGEMENT OF TUCSON
Classification: Not a generator, verified

Date form received by agency: 09/17/1997
Facility name: WASTE MANAGEMENT
Site name: WASTE MANAGEMENT OF TUCSON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002602229

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AZURITE (Arizona Unified Repository For Informational Tracking Of The Environment) is the Arizona Department of Environmental Quality (ADEQ) database that is used for environmental enforcement and compliance reporting to the Permit and Compliance (PCS) system and to the Air Facility System Universal Interface (AFS-UI).

AST 2:

Exemption Num: 1000660-11
Owner Id: 135
Owner Name: Waste Management of Arizona Inc.
Applicant Mailing Address: 1580 E Elwood Street
Applicant City: Phoenix
Applicant State: AZ
Applicant Zip: 85040-1331
Cert Status: Open
Cert Effective Date: 12/09/2004
Tank Number: 1
Product Code: Diesel(20)
Tank Type: Above
Capacity: 15000
Installed Date: 01/01/1995
Cancellation Date: 04/01/2014
Comments: No month or day tank install date and no day fm approval date

AZ MANIFEST:

Business Type: O
EPA ID: AZR000004325
Mailing Address: 5200 W INA RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WASTE MANAGEMENT (Continued)

1004674618

Mailing City,St,Zip: TUCSON, AZ 85743
Contact Name: JESUS GONZOLEZ
Contact Phone: (520) 572-5525
Report Year: Not reported
Date Generator Signed The Manifest: 08/01/2005
Transporter EPA ID Number: TXR000050930
Date Transporter Signed The Manifest: 08/01/2005
Transporter EPA ID Number: TXR000050930
TSD EPA ID Number: Not reported
Date Tsd Signed The Manifest: 08/01/2005
DOT ID Number: NA1993
Quantity: 20.00 Gallons
Waste Code 1: D039
Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Waste Code 7: Not reported
Waste Code 8: Not reported
Waste Code 9: Not reported

Business Type: O
EPA ID: AZR000004325
Mailing Address: 5200 W INA RD
Mailing City,St,Zip: TUCSON, AZ 85743
Contact Name: JESUS GONZOLEZ
Contact Phone: (520) 572-5525
Report Year: Not reported
Date Generator Signed The Manifest: 03/17/2005
Transporter EPA ID Number: TXR000050930
Date Transporter Signed The Manifest: 03/17/2005
Transporter EPA ID Number: TXR000050930
TSD EPA ID Number: Not reported
Date Tsd Signed The Manifest: 03/17/2005
DOT ID Number: NA1993
Quantity: 20.00 Gallons
Waste Code 1: D039
Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Waste Code 7: Not reported
Waste Code 8: Not reported
Waste Code 9: Not reported

Business Type: O
EPA ID: AZR000004325
Mailing Address: 5200 W INA RD
Mailing City,St,Zip: TUCSON, AZ 85743
Contact Name: JESUS GONZOLEZ
Contact Phone: (520) 572-5525
Report Year: Not reported
Date Generator Signed The Manifest: 10/24/2005
Transporter EPA ID Number: TXR000050930
Date Transporter Signed The Manifest: 10/24/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WASTE MANAGEMENT (Continued)

1004674618

Transporter EPA ID Number: TXR000050930
TSD EPA ID Number: Not reported
Date Tsd Signed The Manifest: 10/24/2005
DOT ID Number: NA1993
Quantity: 20.00 Gallons
Waste Code 1: D039
Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Waste Code 7: Not reported
Waste Code 8: Not reported
Waste Code 9: Not reported

Business Type: O
EPA ID: AZR000004325
Mailing Address: 5200 W INA RD
Mailing City,St,Zip: TUCSON, AZ 85743
Contact Name: JESUS GONZOLEZ
Contact Phone: (520) 572-5525
Report Year: Not reported
Date Generator Signed The Manifest: 02/17/2005
Transporter EPA ID Number: TXR000050930
Date Transporter Signed The Manifest: 02/17/2005
Transporter EPA ID Number: TXR000050930
TSD EPA ID Number: Not reported
Date Tsd Signed The Manifest: 02/17/2005
DOT ID Number: NA1993
Quantity: 20.00 Gallons
Waste Code 1: D039
Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Waste Code 7: Not reported
Waste Code 8: Not reported
Waste Code 9: Not reported

Business Type: O
EPA ID: AZR000004325
Mailing Address: 5200 W INA RD
Mailing City,St,Zip: TUCSON, AZ 85743
Contact Name: JESUS GONZOLEZ
Contact Phone: (520) 572-5525
Report Year: Not reported
Date Generator Signed The Manifest: 01/20/2005
Transporter EPA ID Number: TXR000050930
Date Transporter Signed The Manifest: 01/20/2005
Transporter EPA ID Number: TXR000050930
TSD EPA ID Number: Not reported
Date Tsd Signed The Manifest: 01/20/2005
DOT ID Number: NA1993
Quantity: 20.00 Gallons
Waste Code 1: D039
Waste Code 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WASTE MANAGEMENT (Continued)

1004674618

Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Waste Code 7: Not reported
Waste Code 8: Not reported
Waste Code 9: Not reported

B8
ENE
1/8-1/4
0.206 mi.
1090 ft.

PIMA COUNTY - INA ROAD AUTOMOTIVE SERVICES
4901 W INA RD
MARANA, AZ 85743

LUST U003050597
UST N/A
Financial Assurance

Site 3 of 6 in cluster B

Relative:
Higher

LUST:
Facility ID: 0-006556
Facility Status: Closed

Lust Number: 2551.02
Leak Priority: CLOSED SOIL LVL MEETS TIER1
Notification: 04/12/99
Date Closed: 06/16/99

Actual:
2199 ft.

UST:
Facility ID: 0-006556
Owner: PIMA COUNTY AUTOMOTIVE SERVICES
Tank ID: 5
Date Closed: Not reported
Closure Type: Not reported

Facility ID: 0-006556
Owner: PIMA COUNTY AUTOMOTIVE SERVICES
Tank ID: 6
Date Closed: Not reported
Closure Type: Not reported

Facility ID: 0-006556
Owner: PIMA COUNTY AUTOMOTIVE SERVICES
Tank ID: 1
Date Closed: 04/09/1999
Closure Type: Perm Removal

Facility ID: 0-006556
Owner: PIMA COUNTY AUTOMOTIVE SERVICES
Tank ID: 2
Date Closed: 04/09/1999
Closure Type: Perm Removal

Facility ID: 0-006556
Owner: PIMA COUNTY AUTOMOTIVE SERVICES
Tank ID: 3
Date Closed: 04/09/1999
Closure Type: Perm Removal

Facility ID: 0-006556
Owner: PIMA COUNTY AUTOMOTIVE SERVICES
Tank ID: 4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIMA COUNTY - INA ROAD AUTOMOTIVE SERVICES (Continued)

U003050597

Date Closed: 04/09/1999
Closure Type: **Perm Removal**

Financial Assurance 1:

Mech Desc: Government Bond Rating
Owner Name: PIMA COUNTY AUTOMOTIVE SERVICES
Annual Coverage: 1000000
Effective Date: 04/16/2012

**B9
ENE
1/8-1/4
0.207 mi.
1093 ft.**

**CIRCLE K #2705537
4900 W INA RD
MARANA, AZ 85743
Site 4 of 6 in cluster B**

**LUST U003049691
UST N/A
AZURITE
Financial Assurance**

**Relative:
Higher**

LUST:

Facility ID: 0-001888
Facility Status: Closed

**Actual:
2199 ft.**

Lust Number: 304.009
Leak Priority: CLOSED SOIL LVL MEETS TIER1
Notification: 04/03/95
Date Closed: 02/20/96

Lust Number: 304.019
Leak Priority: CLOSED SOIL LVL MEETS TIER1
Notification: 10/02/97
Date Closed: 05/10/99

UST:

Facility ID: 0-001888
Owner: CIRCLE K STORES INC
Tank ID: 5
Date Closed: Not reported
Closure Type: **Not reported**

Facility ID: 0-001888
Owner: CIRCLE K STORES INC
Tank ID: 6
Date Closed: Not reported
Closure Type: **Not reported**

Facility ID: 0-001888
Owner: CIRCLE K STORES INC
Tank ID: 1
Date Closed: 10/01/1997
Closure Type: **Perm Removal**

Facility ID: 0-001888
Owner: CIRCLE K STORES INC
Tank ID: 2
Date Closed: 10/01/1997
Closure Type: **Perm Removal**

Facility ID: 0-001888
Owner: CIRCLE K STORES INC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2705537 (Continued)

U003049691

Tank ID: 3
Date Closed: 10/01/1997
Closure Type: Perm Removal

Facility ID: 0-001888
Owner: CONOCOPHILLIPS CO
Tank ID: 4
Date Closed: 12/17/1992
Closure Type: Perm Removal

AZURITE:

Remediation ID: 2600
Program: LEAKING UNDERGROUND STORAGE TANK PROGRAM
Program File Number: UST0304.01
Type: OTHER
Remediation Start Date: 02/20/1996
Remediation End Date: 02/20/1996
DEUR Record Date: Not reported
WPD Dirctr's Approval: Not reported
VEMUR Record Date: Not reported
DEUR Release Date: Not reported
Book Map Parcel: 226; 35; 015

Remediation ID: 19988
Program: LEAKING UNDERGROUND STORAGE TANK PROGRAM
Program File Number: UST0304.02
Type: OTHER
Remediation Start Date: 09/30/1997
Remediation End Date: 05/10/1999
DEUR Record Date: Not reported
WPD Dirctr's Approval: Not reported
VEMUR Record Date: Not reported
DEUR Release Date: Not reported
Book Map Parcel: 226; 35; 015

Financial Assurance 1:

Mech Desc: Commercial Insurance
Owner Name: CIRCLE K STORES INC
Annual Coverage: 2000000
Effective Date: 12/01/2011

B10
ENE
1/8-1/4
0.207 mi.
1093 ft.

TOSCO NORTHWEST 02481
4900 WEST INA ROAD AND I-10
TUCSON, AZ 85743

RCRA-NonGen 1000589382
FINDS AZD983470949

Site 5 of 6 in cluster B

Relative:
Higher

RCRA-NonGen:
Date form received by agency: 02/09/1998
Facility name: TOSCO NORTHWEST 02481
Facility address: 4900 W INA RD AT HWY I-10
TUCSON, AZ 857439746
EPA ID: AZD983470949
Contact: GUY STANDARD
Contact address: PO BOX 52084
PHOENIX, AZ 850722084
Contact country: US

Actual:
2199 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO NORTHWEST 02481 (Continued)

1000589382

Contact telephone: (602) 200-4528
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: TOSCO NORTHWEST COMPANY
Owner/operator address: 601 UNION ST STE 2500
SEATTLE, WA 98101
Owner/operator country: Not reported
Owner/operator telephone: (206) 442-7000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110008256733

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B11
ENE
1/8-1/4
0.207 mi.
1093 ft.

EXXON TYLER WILSON BRANCH MANAGER
4900 W INA RD
TUCSON, AZ

EDR US Hist Auto Stat **1008989190**
N/A

Site 6 of 6 in cluster B

Relative:
Higher

EDR Historical Auto Stations:

Actual:
2199 ft.

Name: EXXON TYLER WILSON BRANCH MANAGER
Year: 1999
Type: GASOLINE STATIONS

Name: JETTS I10 EXXON
Year: 1999
Address: 4900 W INA RD

Name: TOSCO SERVICE STATIONS
Year: 2000
Address: 4900 W INA RD

Name: JETTS I10 EXXON
Year: 2001
Address: 4900 W INA RD

Name: BUCKS RIVER RD EXXON
Year: 2002
Address: 4900 W INA RD

Name: JETTS I10 EXXON
Year: 2003
Address: 4900 W INA RD

Name: JETTS I10 EXXON
Year: 2004
Address: 4900 W INA RD

Name: CONOCOPHILLIPS CO
Year: 2006
Address: 4900 W INA RD

Name: CIRCLE K FOOD STORE
Year: 2007
Address: 4900 W INA RD

Name: CONOCOPHILLIPS CO
Year: 2008
Address: 4900 W INA RD

Name: CONOCOPHILLIPS CO
Year: 2009
Address: 4900 W INA RD

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

D12
East
1/4-1/2
0.308 mi.
1624 ft.

PIMA, COUNTY OF - INA ROAD WWTP
7101 N CASA GRANDE HWY
TUCSON, AZ 85743

Site 1 of 2 in cluster D

RCRA-CESQG
MANIFEST
Aquifer
WWFAC

1000130128
AZD981425101

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 01/11/2010

Facility name: PIMA, COUNTY OF - INA ROAD WWTP

Facility address: 7101 N CASA GRANDE HWY

TUCSON, AZ 857438618

EPA ID: AZD981425101

Contact: TOM BERRY

Contact address: 7101 N CASA GRANDE HWY

TUCSON, AZ 857438618

Contact country: Not reported

Contact telephone: (520) 579-6002

Contact email: TOM.BERRY@WWM.PIMA.GOV

EPA Region: 09

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/06/2009

Facility name: PIMA, COUNTY OF - INA ROAD WWTP

Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 03/17/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIMA, COUNTY OF - INA ROAD WWTP (Continued)

1000130128

Facility name: PIMA, COUNTY OF - INA ROAD WWTP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/04/2007
Facility name: PIMA, COUNTY OF - INA ROAD WWTP
Classification: Small Quantity Generator

Date form received by agency: 04/05/2006
Facility name: PIMA, COUNTY OF - INA ROAD WWTP
Site name: PIMA COUNTY WASTEWATER
Classification: Small Quantity Generator

Date form received by agency: 02/02/2005
Facility name: PIMA, COUNTY OF - INA ROAD WWTP
Site name: PIMA COUNTY WASTEWATER
Classification: Small Quantity Generator

Date form received by agency: 07/10/1986
Facility name: PIMA, COUNTY OF - INA ROAD WWTP
Site name: PIMA COUNTY WASTEWATER INA ROAD WPCF
Classification: Small Quantity Generator

Violation Status: No violations found

AZ MANIFEST:

Business Type: C
EPA ID: AZD981425101
Mailing Address: 7101 N CASA GRANDE HWY
Mailing City, St, Zip: TUCSON, AZ 85743-
Contact Name: JAMES O DOYLE
Contact Phone: (520) 744-4236
Report Year: Not reported
Date Generator Signed The Manifest: 05/04/2004
Transporter EPA ID Number: CAD063547996
Date Transporter Signed The Manifest: 05/20/2004
Transporter EPA ID Number: CAD063547996
TSD EPA ID Number: NVD980895338
Date Tsd Signed The Manifest: 05/27/2004
DOT ID Number: UN2923
Quantity: 5.00 Pounds
Waste Code 1: D001
Waste Code 2: D002
Waste Code 3: D006
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Waste Code 7: Not reported
Waste Code 8: Not reported
Waste Code 9: Not reported

Business Type: C
EPA ID: AZD981425101
Mailing Address: 7101 N CASA GRANDE HWY
Mailing City, St, Zip: TUCSON, AZ 85743-
Contact Name: JAMES O DOYLE
Contact Phone: (520) 744-4236
Report Year: Not reported
Date Generator Signed The Manifest: 05/04/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIMA, COUNTY OF - INA ROAD WWTP (Continued)

1000130128

Transporter EPA ID Number: CAD063547996
Date Transporter Signed The Manifest: 05/20/2004
Transporter EPA ID Number: CAD063547996
TSD EPA ID Number: NVD980895338
Date Tsd Signed The Manifest: 05/27/2004
DOT ID Number: UN3077
Quantity: 5.00 Pounds
Waste Code 1: D006
Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: P105
Waste Code 5: Not reported
Waste Code 6: Not reported
Waste Code 7: Not reported
Waste Code 8: Not reported
Waste Code 9: Not reported

Business Type: C
EPA ID: AZD981425101
Mailing Address: 7101 N CASA GRANDE HWY
Mailing City,St,Zip: TUCSON, AZ 85743-
Contact Name: JAMES O DOYLE
Contact Phone: (520) 744-4236
Report Year: Not reported
Date Generator Signed The Manifest: 05/04/2004
Transporter EPA ID Number: CAD063547996
Date Transporter Signed The Manifest: 05/20/2004
Transporter EPA ID Number: CAD063547996
TSD EPA ID Number: NVD980895338
Date Tsd Signed The Manifest: 05/27/2004
DOT ID Number: UN1993
Quantity: 5.00 Gallons
Waste Code 1: D001
Waste Code 2: F003
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Waste Code 7: Not reported
Waste Code 8: Not reported
Waste Code 9: Not reported

Business Type: C
EPA ID: AZD981425101
Mailing Address: 7101 N CASA GRANDE HWY
Mailing City,St,Zip: TUCSON, AZ 85743-
Contact Name: JAMES O DOYLE
Contact Phone: (520) 744-4236
Report Year: Not reported
Date Generator Signed The Manifest: 05/04/2004
Transporter EPA ID Number: CAD063547996
Date Transporter Signed The Manifest: 05/20/2004
Transporter EPA ID Number: CAD063547996
TSD EPA ID Number: NVD980895338
Date Tsd Signed The Manifest: 05/27/2004
DOT ID Number: NA3082
Quantity: 5.00 Gallons

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIMA, COUNTY OF - INA ROAD WWTP (Continued)

1000130128

Waste Code 1: D038
Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Waste Code 7: Not reported
Waste Code 8: Not reported
Waste Code 9: Not reported

Business Type: C
EPA ID: AZD981425101
Mailing Address: 7101 N CASA GRANDE HWY
Mailing City,St,Zip: TUCSON, AZ 85743-
Contact Name: JAMES O DOYLE
Contact Phone: (520) 744-4236
Report Year: Not reported
Date Generator Signed The Manifest: 06/16/2005
Transporter EPA ID Number: CAD063547996
Date Transporter Signed The Manifest: 06/22/2005
Transporter EPA ID Number: CAD063547996
TSD EPA ID Number: Not reported
Date Tsd Signed The Manifest: 06/24/2005
DOT ID Number: UN1805
Quantity: 23.00 Pounds
Waste Code 1: D002
Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Waste Code 7: Not reported
Waste Code 8: Not reported
Waste Code 9: Not reported

AQUIFER:

Invoice #: 100630
Place ID: 429
LTF Number: 53820
Permit Type: APP, Individual Permit, Significant Amendment, No Public Hearing
Permit Status: I
AZ PDES Permit #: Not reported
Facility Type: WASTEWATER TREATMENT PLANT
Facility Type: WASTEWATER TREATMENT PLANT
Latitude: 32.336327459
Longitude: 111.070074669
Issue Date: 05/31/2012
Expire Date: Not reported
App Name: Pima County - Regional Wastewater Reclamation Department
App Address: 201 N STONE AVE
App City/State/Zip: TUCSON, AZ 85701
Phone: (520) 740-6586
ID No: 2273

WWFAC:

Place ID: 429

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PIMA, COUNTY OF - INA ROAD WWTP (Continued)

1000130128

Inventory ID: 100630
 Facility Code: WWTP
 Facility Type: WASTEWATER TREATMENT PLANT

D13
East
1/4-1/2
0.308 mi.
1624 ft.

PIMA COUNTY - INA ROAD WWTP
7101 N CASA GRANDE HWY
TUCSON, AZ 85743

LUST U003091326
UST N/A

Site 2 of 2 in cluster D

Relative:
Higher

LUST:
 Facility ID: 0-003910
 Facility Status: Closed

Actual:
2201 ft.

Lust Number: 2416.01
 Leak Priority: CLOSED SOIL LVL MEETS TIER1
 Notification: 07/06/92
 Date Closed: 04/06/94

UST:

Facility ID: 0-003910
 Owner: PIMA COUNTY - WASTEWATER MANAGEMENT
 Tank ID: 1
 Date Closed: 09/30/1992
Closure Type: Perm Removal

14
WNW
1/4-1/2
0.354 mi.
1867 ft.

PIMA COUNTY INA ROAD CDLF (WTCS)
5301 WEST INA ROAD; 1 MILE WEST OF I-10 T13S, R12E, SEC. 1,
PIMA (County), AZ

SWTIRE S106571147
N/A

Relative:
Lower

SWTIRE:
 Operator Name: Pima County Solid Waste Management
 Operator Address: 5301 W. Ina Road
 Operator City,St,Zip: Tucson, AZ 85743
 Operator Phone: (520) 744-7649
 Owner Name: Pima County
 Owner Address: 33 N. Stone Avenue
 Owner City,St,Zip: Tucson, AZ 85701
 Owner Phone: (520) 243-7400

Actual:
2171 ft.

15
NW
1/2-1
0.955 mi.
5042 ft.

TUSONIX INC
7741 N BUSINESS PARK DR
TUCSON, AZ 85743

CERC-NFRAP 1000339193
RCRA-SQG AZD981636665
FINDS
SHWS
MANIFEST
HAZNET

Relative:
Lower

CERC-NFRAP:
 Site ID: 0904314
 Federal Facility: Not a Federal Facility
 NPL Status: Not on the NPL
 Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Actual:
2163 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSONIX INC (Continued)

1000339193

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 02/11/1992
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 05/04/1992
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 05/04/1992
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

RCRA-SQG:

Date form received by agency: 02/16/2010
Facility name: TUSONIX INC
Facility address: 7741 N BUSINESS PARK DR
TUCSON, AZ 857439622
EPA ID: AZD981636665
Contact: KEITH A WELLER
Contact address: NO ADDRESS ON RECORD
Not reported
Contact country: Not reported
Contact telephone: (520) 744-0400
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSONIX INC (Continued)

1000339193

Date form received by agency: 03/06/2009
Facility name: TUSONIX INC
Classification: Small Quantity Generator

Date form received by agency: 02/11/2008
Facility name: TUSONIX INC
Classification: Small Quantity Generator

Date form received by agency: 03/30/2006
Facility name: TUSONIX INC
Site name: TUCSONIX INC
Classification: Small Quantity Generator

Date form received by agency: 02/21/2006
Facility name: TUSONIX INC
Classification: Small Quantity Generator

Date form received by agency: 02/20/2004
Facility name: TUSONIX INC
Site name: TUCSONIX, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/08/2002
Facility name: TUSONIX INC
Site name: TUCSONIX, INC.
Classification: Large Quantity Generator

Date form received by agency: 02/15/2001
Facility name: TUSONIX INC
Site name: TUCSONIX, INC/TEMSA
Classification: Large Quantity Generator

Date form received by agency: 02/02/1998
Facility name: TUSONIX INC
Site name: TUCSONIX INC.
Classification: Large Quantity Generator

Date form received by agency: 01/26/1996
Facility name: TUSONIX INC
Site name: TUSONIX
Classification: Large Quantity Generator

Date form received by agency: 02/22/1994
Facility name: TUSONIX INC
Site name: TUSONIX, INC
Classification: Large Quantity Generator

Date form received by agency: 01/31/1992
Facility name: TUSONIX INC
Site name: TUSONIX INC./TEMSA
Classification: Large Quantity Generator

Date form received by agency: 03/26/1990
Facility name: TUSONIX INC
Site name: TUSONIX, INC.
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSONIX INC (Continued)

1000339193

Date form received by agency: 01/15/1987
Facility name: TUSONIX INC
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Universal Waste - General
Date violation determined: 05/08/2012
Date achieved compliance: 06/02/2012
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/15/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/08/2012
Date achieved compliance: 06/02/2012
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/15/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Universal Waste - General
Date violation determined: 05/08/2012
Date achieved compliance: 06/02/2012
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 06/02/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/08/2012
Date achieved compliance: 06/02/2012
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 06/02/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSONIX INC (Continued)

1000339193

Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 04/28/2005
Date achieved compliance: 06/13/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/06/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: F - GMC
Area of violation: Generators - Pre-transport
Date violation determined: 04/22/1999
Date achieved compliance: 06/09/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/20/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 11/10/1991
Date achieved compliance: 12/17/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/12/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:

Evaluation date: 05/08/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - General
Date achieved compliance: 06/02/2012
Evaluation lead agency: State

Evaluation date: 05/08/2012
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/02/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSONIX INC (Continued)

1000339193

Evaluation lead agency: State

Evaluation date: 04/28/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/13/2005
Evaluation lead agency: State

Evaluation date: 01/28/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/22/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/09/1999
Evaluation lead agency: State

Evaluation date: 02/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/08/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 01/08/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 12/17/1991
Evaluation lead agency: State

FINDS:

Registry ID: 110000770201

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AZURITE (Arizona Unified Repository For Informational Tracking Of The Environment) is the Arizona Department of Environmental Quality (ADEQ) database that is used for environmental enforcement and compliance

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSONIX INC (Continued)

1000339193

reporting to the Permit and Compliance (PCS) system and to the Air Facility System Universal Interface (AFS-UI).

HAZARDOUS WASTE BIENNIAL REPORTER

SHWS:

EPA ID: AZD981636665
Program: PA/SI
Site Code: Not reported
Facility Id: 1089
Discovery Date: 19000101
Source: Not reported
Operable Unit: 0
QWARF Area: Not reported
Lat: Not reported
Long: Not reported
Lat/Long Method: 20
Comments: Not reported

AZ MANIFEST:

Business Type: Not reported
EPA ID: AZD981636665
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
Report Year: 2007
Date Generator Signed The Manifest: Not reported
Transporter EPA ID Number: Not reported
Date Transporter Signed The Manifest: Not reported
Transporter EPA ID Number: Not reported
TSD EPA ID Number: Not reported
Date Tsd Signed The Manifest: Not reported
DOT ID Number: NA3077
Quantity: 218
Waste Code 1: D006
Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Waste Code 7: Not reported
Waste Code 8: Not reported
Waste Code 9: Not reported

Business Type: Not reported
EPA ID: AZD981636665
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
Report Year: 2007
Date Generator Signed The Manifest: Not reported
Transporter EPA ID Number: Not reported
Date Transporter Signed The Manifest: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSONIX INC (Continued)

1000339193

Transporter EPA ID Number:	Not reported
TSD EPA ID Number:	Not reported
Date Tsd Signed The Manifest:	Not reported
DOT ID Number:	NA3077
Quantity:	218
Waste Code 1:	D011
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Waste Code 7:	Not reported
Waste Code 8:	Not reported
Waste Code 9:	Not reported
Business Type:	Not reported
EPA ID:	AZD981636665
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Report Year:	2007
Date Generator Signed The Manifest:	Not reported
Transporter EPA ID Number:	Not reported
Date Transporter Signed The Manifest:	Not reported
Transporter EPA ID Number:	Not reported
TSD EPA ID Number:	Not reported
Date Tsd Signed The Manifest:	Not reported
DOT ID Number:	NA3077
Quantity:	41
Waste Code 1:	D006
Waste Code 2:	Not reported
Waste Code 3:	Not reported
Waste Code 4:	Not reported
Waste Code 5:	Not reported
Waste Code 6:	Not reported
Waste Code 7:	Not reported
Waste Code 8:	Not reported
Waste Code 9:	Not reported
Business Type:	Not reported
EPA ID:	AZD981636665
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
Report Year:	2007
Date Generator Signed The Manifest:	Not reported
Transporter EPA ID Number:	Not reported
Date Transporter Signed The Manifest:	Not reported
Transporter EPA ID Number:	Not reported
TSD EPA ID Number:	Not reported
Date Tsd Signed The Manifest:	Not reported
DOT ID Number:	NA3077
Quantity:	259
Waste Code 1:	D006
Waste Code 2:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSONIX INC (Continued)

1000339193

Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Waste Code 7: Not reported
Waste Code 8: Not reported
Waste Code 9: Not reported

Business Type: Not reported
EPA ID: AZD981636665
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
Report Year: 2007
Date Generator Signed The Manifest: Not reported
Transporter EPA ID Number: Not reported
Date Transporter Signed The Manifest: Not reported
Transporter EPA ID Number: Not reported
TSD EPA ID Number: Not reported
Date Tsd Signed The Manifest: Not reported
DOT ID Number: NA3077
Quantity: 259
Waste Code 1: D011
Waste Code 2: Not reported
Waste Code 3: Not reported
Waste Code 4: Not reported
Waste Code 5: Not reported
Waste Code 6: Not reported
Waste Code 7: Not reported
Waste Code 8: Not reported
Waste Code 9: Not reported

HAZNET:

Year: 2010
Gepaid: AZD981636665
Contact: ENVIRONMENTAL MANAGER
Telephone: 6027440400
Mailing Name: Not reported
Mailing Address: 7741 N BUSINESS PARK DR
Mailing City,St,Zip: TUCSON, AZ 857430000
Gen County: Not reported
TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Not reported
Tons: 0.75
Facility County: 99

Year: 2010
Gepaid: AZD981636665
Contact: ENVIRONMENTAL MANAGER
Telephone: 6027440400
Mailing Name: Not reported
Mailing Address: 7741 N BUSINESS PARK DR
Mailing City,St,Zip: TUCSON, AZ 857430000
Gen County: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TUSONIX INC (Continued)

1000339193

TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Not reported
Tons: 0.208
Facility County: 99

Year: 2010
Gepaid: AZD981636665
Contact: ENVIRONMENTAL MANAGER
Telephone: 6027440400
Mailing Name: Not reported
Mailing Address: 7741 N BUSINESS PARK DR
Mailing City,St,Zip: TUCSON, AZ 857430000
Gen County: Not reported
TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Not reported
Tons: 0.415
Facility County: 99

Year: 2010
Gepaid: AZD981636665
Contact: ENVIRONMENTAL MANAGER
Telephone: 6027440400
Mailing Name: Not reported
Mailing Address: 7741 N BUSINESS PARK DR
Mailing City,St,Zip: TUCSON, AZ 857430000
Gen County: Not reported
TSD EPA ID: NVD980895338
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Not reported
Tons: 0.0575
Facility County: 99

Year: 2009
Gepaid: AZD981636665
Contact: ENVIRONMENTAL MANAGER
Telephone: 6027440400
Mailing Name: Not reported
Mailing Address: 7741 N BUSINESS PARK DR
Mailing City,St,Zip: TUCSON, AZ 857430000
Gen County: 99
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Not reported
Disposal Method: Not reported
Tons: 2.035
Facility County: 99

[Click this hyperlink](#) while viewing on your computer to access 7 additional CA_HAZNET: record(s) in the EDR Site Report.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PIMA COUNTY	S110487514	AJO	2000 N AJO WELL RD		SWF/LF
PIMA COUNTY	S103895169	RYLAND	WEST END OF 40TH ST. AND SANTA		SWF/LF
PIMA COUNTY	S110143312	PIMA COUNTY - LUKEVILLE TRANSFER S	GRINGO PASS		SWF/LF
PIMA COUNTY	M30000298C	CEMEX, INC.	INA ROAD PIT		MINES
PIMA COUNTY	S110487545	INA ROAD CONSTRUCTION DEBRIS	5301 W INA RD		SWF/LF
PIMA COUNTY	S110487566	SAHUARITA	16605 S LACANADA DR		SWF/LF
PIMA COUNTY	S110487555	LOS REALES	53000 E LOS REALES RD		SWF/LF
PIMA COUNTY	S103895170	SAHUARO MONUMENT	1 MILE SOUTHEAST OF VISTORS CE		SWF/LF
PIMA COUNTY	S106571148	THREE POINTS WTCS	G MILE SOUTH OF AJO HIGHWAY AT		SWTIRE
PIMA COUNTY	S110143204	WILMOT RD.	1 MILE SOUTH OF I-10 ON WILMON		SWF/LF
PIMA COUNTY	S103895162	LINDA LANDFILL	NORTH OF ALAMEDA AND EAST OF S		SWF/LF
PIMA COUNTY	S110143202	CORTARO ROAD	SOUTH OF THE CORTARO ROAD BRID		SWF/LF
PIMA COUNTY	S110143314	PIMA COUNTY - THREE POINTS TRANSFE	OPERATES SATURDAYS ONLY, SE CO		SWF/LF
PIMA COUNTY	2011981207	16530 OSAGE TRAIL, MESCAL, PIMA CO	16530 OSAGE TRAIL, MESCAL, PIM		ERNS
PIMA COUNTY	S102286938	SASABE	PRESUMIDO PEAK QUADRANT .5 MIL		SWF/LF
PIMA COUNTY	S101570019	WQ-FAGAN LAKE	T17S R16E SEC 34 SE 1/4	0	SHWS
PIMA COUNTY	S110143203	PIMA COUNTY - LA CHOLLA #2	WEST SIDE OF LA CHOLLA RD. SOU		SWF/LF
PIMA COUNTY	S110487572	SPEEDWAY LANDFILL	7301 E SPEEDWAY		SWF/LF
PIMA COUNTY	S110487573	TANGERINE	10220 W TANGERINE RD		SWF/LF
TUCSON	98425813	22ND STREET MAINLINE FUEL FACILITY	22ND STREET MAINLINE FUEL FACI		ERNS
TUCSON	98423524	22ND STREET FUELING FACILITY	22ND STREET FUELING FACILITY		ERNS
TUCSON	S103932026	ARIZONA TRUCK SERVICE/D&D GARAGE	5140TH & N CASA GRANDE HWY	85743	SHWS
TUCSON	1003879757	ARIZONA TRUCK SERVICE/D&D GARAGE	5140 & 5150 NORTH CASA GRANDE	85743	CERC-NFRAP
TUCSON	1012144353	PIMA FARMS LIFT STATION	NO ADDRESS ON RECORD	85741	FINDS
TUCSON	1012137009	PIMA COUNTY - WASTE WATER COLLECTI	NO ADDRESS ON RECORD	85741	FINDS
TUCSON	1012147743	PIMA COMMUNITY COLLEGE NORTHWEST C	NO ADDRESS ON RECORD	85741	FINDS
TUCSON	A100358507	CALPORTLAND - RIO RICO FACILITY	409 CAM RAMANOTE	85743	AST
TUCSON	1004675127	ADEQ EL CAMINO DEL CERRO WQARF	CASA GRANDE HWY AND CURTIS RD	85741	RCRA-LQG, FINDS
TUCSON	2008424367	3333 SOUTH COUNTY CLUB ROAD	3333 SOUTH COUNTY CLUB ROAD		HMIRS
TUCSON	S103392084	DELCRON MECHANICAL, INC.	5298 N I 10 FRONTAGE	85743	SHWS
TUCSON	1012136672	PIMA COUNTY - INA ROAD WTCS	5301 W INA RD	85743	FINDS
TUCSON	S109058664	FRY'S FUEL FACILITY - IRVINGTON	IRVINGTON ST		Dry Wells
TUCSON	S103931973	EL PASO NATURAL GAS TUCSON STATION	35 MI NW OF		SHWS
TUCSON	1007879210	RELIANT AIR POWER INC	8420 S OLD NOGALES HWY		RCRA-CESQG, MANIFEST, HAZNET
TUCSON	1012137578	PIMA CNTY-AVRA VALLEY WWTF EXPANSI	10,000 W SNYDER HILL RD	85743	FINDS
TUCSON	S100886449	PIMA COUNTY FLOOD CONTROL	TANQUE VERDE WASH		SPILLS
TUCSON	U001624716	FAA TUCSON RTR & RTR-A	USHY 89 S		UST
TUCSON	S110310063	PIMA COUNTY - CORONA DE TUCSON WWT	4527 WALKER RD	85743	WWFAC, Aquifer

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 70	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 70	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 10/01/2012	Source: EPA
Date Data Arrived at EDR: 10/11/2012	Telephone: N/A
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 10/11/2012
Number of Days to Update: 70	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 10/09/2012
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. 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.

Date of Government Version: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 07/18/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/24/2012	Telephone: 703-603-0695
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 12/10/2012
Number of Days to Update: 104	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 07/18/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/24/2012	Telephone: 703-603-0695
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 12/10/2012
Number of Days to Update: 104	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/15/2012
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/04/2013
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 04/02/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 04/03/2012	Telephone: 202-267-2180
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 10/02/2012
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/14/2013
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

WQARF: Water Quality Assurance Revolving Fund Sites

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

Date of Government Version: 06/01/2011	Source: Department of Environmental Quality
Date Data Arrived at EDR: 12/02/2011	Telephone: 602-771-4360
Date Made Active in Reports: 01/05/2012	Last EDR Contact: 11/30/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPL: Superfund Program List

The list is representative of the sites and potential sites within the jurisdiction of the Superfund Program Section. It is comprised of the following elements: 1) Water Quality Assurance Revolving Fund Registry Sites; 2) Potential WQARF Registry sites; 3) NPL sites; and 4) Department of Defense sites requiring SPS oversight.

Date of Government Version: 08/25/2004	Source: Department of Environmental Quality
Date Data Arrived at EDR: 12/03/2004	Telephone: 602-771-4360
Date Made Active in Reports: 01/25/2005	Last EDR Contact: 11/16/2012
Number of Days to Update: 53	Next Scheduled EDR Contact: 02/18/2013
	Data Release Frequency: Semi-Annually

SHWS: ZipAcids List

The ACIDS list consists of more than 750 locations subject to investigation under the State Water Quality Assurance Revolving Fund (WQARF) and Federal CERCLA programs. The list is no longer updated by the state.

Date of Government Version: 01/03/2000	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/11/2000	Telephone: 602-771-4360
Date Made Active in Reports: 05/16/2000	Last EDR Contact: 12/18/2012
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/08/2013
	Data Release Frequency: No Update Planned

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Directory of Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/01/2012	Source: Department of Environmental Quality
Date Data Arrived at EDR: 06/08/2012	Telephone: 602-771-2300
Date Made Active in Reports: 07/10/2012	Last EDR Contact: 12/03/2012
Number of Days to Update: 32	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Listing

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 10/15/2012	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/16/2012	Telephone: 602-771-4345
Date Made Active in Reports: 11/14/2012	Last EDR Contact: 10/15/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/28/2013
	Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/01/2012	Source: EPA Region 10
Date Data Arrived at EDR: 08/02/2012	Telephone: 206-553-2857
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 10/30/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/06/2012
Date Data Arrived at EDR: 09/07/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

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

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

State and tribal registered storage tank lists

UST: Underground Storage Tank Listing
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 10/15/2012
Date Data Arrived at EDR: 10/16/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 29

Source: Department of Environmental Quality
Telephone: 602-771-4345
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST 2: Aboveground Storage Tank Listing

A listing of aboveground storage tank site locations.

Date of Government Version: 11/20/2012	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/21/2012	Telephone: 602-771-4380
Date Made Active in Reports: 12/03/2012	Last EDR Contact: 12/12/2012
Number of Days to Update: 12	Next Scheduled EDR Contact: 04/01/2013
	Data Release Frequency: Varies

AST: List of Aboveground Storage Tanks

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

Date of Government Version: 12/31/2000	Source: Department of Building & Fire Safety
Date Data Arrived at EDR: 01/22/2001	Telephone: 602-364-1003
Date Made Active in Reports: 02/16/2001	Last EDR Contact: 12/12/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/01/2013
	Data Release Frequency: No Update Planned

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 09/06/2012	Source: EPA Region 9
Date Data Arrived at EDR: 09/07/2012	Telephone: 415-972-3368
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 39	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/01/2012	Source: EPA Region 10
Date Data Arrived at EDR: 08/02/2012	Telephone: 206-553-2857
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 75	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/26/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Semi-Annually

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/27/2012	Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012	Telephone: 303-312-6137
Date Made Active in Reports: 10/16/2012	Last EDR Contact: 07/26/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/17/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/03/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 94

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/15/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: DEUR Database

Activity and use limitations include both engineering controls and institutional controls. DEUR and VEMUR sites. DEUR: Declaration of Environmental Use Restriction. A restrictive land use covenant that is required when a property owner elects to use an institutional (i.e., administrative) control or engineering (i.e., physical) control as a means to meet remediation goals. The DEUR runs with and burdens the land, and requires maintenance of any institutional or engineering controls. VEMUR: Voluntary Environmental Mitigation Use Restriction. A restrictive land use covenant that, prior to July 18, 2000, was required when a property owner elected to remediate the property to non-residential uses. Effective July 18, 2000, the DEUR replaced the VEMUR as a restrictive use covenant.

Date of Government Version: 10/11/2012
Date Data Arrived at EDR: 10/12/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 33

Source: Department of Environmental Quality
Telephone: 602-771-4398
Last EDR Contact: 12/18/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AZURITE: Remediation and DEUR/VEMUR Tracking System

ADEQ maintains a repository listing sites remediated under programs administered by the department.

Date of Government Version: 10/11/2012
Date Data Arrived at EDR: 10/12/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 33

Source: Department of Environmental Quality
Telephone: 601-771-4396
Last EDR Contact: 12/18/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

VCP: Voluntary Remediation Program Sites

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/17/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 602-771-4411
Last EDR Contact: 10/09/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Tracking System

Information relating to Brownfields sites in Arizona.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/17/2012
Date Made Active in Reports: 11/14/2012
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 602-771-4401
Last EDR Contact: 10/09/2012
Next Scheduled EDR Contact: 01/21/2013
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/10/2012
Date Data Arrived at EDR: 12/11/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/11/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

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

SWTIRE: Solid Waste Tire Facilities

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

Date of Government Version: 07/01/2012
Date Data Arrived at EDR: 09/06/2012
Date Made Active in Reports: 10/12/2012
Number of Days to Update: 36

Source: Department of Environmental Quality
Telephone: 602-771-4132
Last EDR Contact: 12/07/2012
Next Scheduled EDR Contact: 12/17/2012
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/11/2012
Date Data Arrived at EDR: 09/12/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 54

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AOCONCERN: Superfund GIS Information

A gis coverage for Department of Environmental Quality superfund sites, included WAQRF, DOD and NPL.

Date of Government Version: 02/28/2008
Date Data Arrived at EDR: 04/01/2008
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 570

Source: Department of Environmental Quality
Telephone: 602-771-4173
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of drug lab seizures in Arizona.

Date of Government Version: 10/29/2012
Date Data Arrived at EDR: 11/06/2012
Date Made Active in Reports: 12/03/2012
Number of Days to Update: 27

Source: Board of Technical Registration
Telephone: 602-364-4931
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2012
Next Scheduled EDR Contact: 02/11/2013
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/02/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Annually

SPILLS: Hazardous Material Logbook

Chemical spills and incidents referred to the Emergency Response Unit.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/15/2001
Date Data Arrived at EDR: 06/28/2007
Date Made Active in Reports: 07/24/2007
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 602-771-4153
Last EDR Contact: 12/03/2012
Next Scheduled EDR Contact: 03/18/2013
Data Release Frequency: Varies

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

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

Date of Government Version: 09/11/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 12/04/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/29/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/06/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/18/2012
Next Scheduled EDR Contact: 01/28/2013
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/25/2013
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/19/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 62

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

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

Date of Government Version: 02/27/2012	Source: EPA
Date Data Arrived at EDR: 03/14/2012	Telephone: 703-416-0223
Date Made Active in Reports: 06/14/2012	Last EDR Contact: 12/11/2012
Number of Days to Update: 92	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 146	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 12/05/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 03/18/2013
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 09/01/2011	Telephone: 202-566-0250
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 11/28/2012
Number of Days to Update: 131	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/28/2012
Number of Days to Update: 64	Next Scheduled EDR Contact: 04/08/2013
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/26/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/26/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/11/2013
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 11/01/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/19/2012
Number of Days to Update: 61	Next Scheduled EDR Contact: 01/28/2013
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

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

Date of Government Version: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 10/19/2012
Number of Days to Update: 98	Next Scheduled EDR Contact: 01/28/2013
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 12/10/2012
Number of Days to Update: 60	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/02/2012	Telephone: 202-343-9775
Date Made Active in Reports: 11/05/2012	Last EDR Contact: 10/02/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (415) 947-8000
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 12/11/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Biennially

UIC: Underground Injection Control Wells
Underground injection control wells.

Date of Government Version: 08/02/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 08/31/2012
Number of Days to Update: 24

Source: Arizona Geological Survey
Telephone: 520-770-3500
Last EDR Contact: 11/05/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Varies

AZ MANIFEST: Manifest Information
Hazardous waste manifest information

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 10/20/2009
Date Made Active in Reports: 11/16/2009
Number of Days to Update: 27

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 12/18/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Annually

DRYCLEANERS: Drycleaner Facility Listing
A listing of drycleaner facilities in Arizona.

Date of Government Version: 01/20/2006
Date Data Arrived at EDR: 01/25/2006
Date Made Active in Reports: 02/15/2006
Number of Days to Update: 21

Source: Department of Environmental Quality
Telephone: 602-771-4335
Last EDR Contact: 12/18/2012
Next Scheduled EDR Contact: 04/08/2013
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 06/01/2011
Date Data Arrived at EDR: 12/02/2011
Date Made Active in Reports: 01/05/2012
Number of Days to Update: 34

Source: Department of Environmental Quality
Telephone: 602-771-4360
Last EDR Contact: 11/30/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Annually

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

Date of Government Version: 09/12/2012
Date Data Arrived at EDR: 11/28/2012
Date Made Active in Reports: 12/03/2012
Number of Days to Update: 5

Source: Department of Environmental Quality
Telephone: 602-771-4623
Last EDR Contact: 12/12/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Semi-Annually

DRY WELLS: Drywell Registration

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

Date of Government Version: 10/03/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 10/22/2012
Number of Days to Update: 18

Source: Department of Environmental Quality
Telephone: 602-771-4686
Last EDR Contact: 12/10/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WWFAC: Waste Water Treatment Facilities

Statewide list of waste water treatment facilities.

Date of Government Version: 07/09/2012	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/23/2012	Telephone: 602-771-4623
Date Made Active in Reports: 09/06/2012	Last EDR Contact: 07/09/2012
Number of Days to Update: 45	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

AIRS: Arizona Airs Database

Arizona major (has the potential to emit over 100 tons of criteria pollutant) and minor (below 100 tons) sources.

Date of Government Version: 07/30/2012	Source: Department of Environmental Quality
Date Data Arrived at EDR: 08/03/2012	Telephone: 602-771-2344
Date Made Active in Reports: 08/31/2012	Last EDR Contact: 10/04/2012
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/21/2013
	Data Release Frequency: Semi-Annually

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/18/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 01/28/2013
	Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 10/22/2012
Number of Days to Update: 54	Next Scheduled EDR Contact: 02/04/2013
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/18/2012
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/28/2013
	Data Release Frequency: N/A

2020 COR ACTION: 2020 Corrective Action Program List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 08/16/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/18/2012
Date Data Arrived at EDR: 01/27/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/28/2012
Next Scheduled EDR Contact: 04/15/2013
Data Release Frequency: Annually

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/01/2012
Date Data Arrived at EDR: 10/04/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 32

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/04/2012
Next Scheduled EDR Contact: 01/14/2013
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/13/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/12/2012
Next Scheduled EDR Contact: 02/25/2013
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 11/05/2012
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/16/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 11/02/2012
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/11/2013
	Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plan Operation Data

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 10/16/2012
Number of Days to Update: 76	Next Scheduled EDR Contact: 01/28/2013
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 12/11/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 03/25/2013
	Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for ust sites.

Date of Government Version: 10/15/2012	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/16/2012	Telephone: 602-771-4258
Date Made Active in Reports: 11/14/2012	Last EDR Contact: 12/28/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/15/2013
	Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

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

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

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 08/20/2012
Date Data Arrived at EDR: 08/20/2012
Date Made Active in Reports: 09/20/2012
Number of Days to Update: 31

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/19/2012
Next Scheduled EDR Contact: 03/04/2013
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 11/01/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 12/11/2012
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2012
Next Scheduled EDR Contact: 02/18/2013
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/26/2012
Next Scheduled EDR Contact: 03/11/2013
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011

Date Data Arrived at EDR: 07/19/2012

Date Made Active in Reports: 09/27/2012

Number of Days to Update: 70

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 12/13/2012

Next Scheduled EDR Contact: 04/01/2013

Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Child Care Facilities & Group Homes

Source: Department of Health Services

Telephone: 602-674-4220

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

State Wetlands Data: Riparian Vegetation Associated with Perennial Waters

Source: State Land Department

Telephone: 602-542-4094

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PIMA COUNTY BIOGAS FACILITY
5025 WEST INA ROAD
TUCSON, AZ 85743

TARGET PROPERTY COORDINATES

Latitude (North):	32.3362 - 32° 20' 10.32"
Longitude (West):	111.0718 - 111° 4' 18.48"
Universal Tranverse Mercator:	Zone 12
UTM X (Meters):	493242.8
UTM Y (Meters):	3577515.2
Elevation:	2187 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	32111-C1 JAYNES, AZ
Most Recent Revision:	1995

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County
PIMA, AZ

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0401180060D - FEMA Q3 Flood data

Additional Panels in search area: 0400761610D - FEMA Q3 Flood data
0400761605D - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
NOT AVAILABLE

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
G21	1/4 - 1/2 Mile WNW	NW
50	1/4 - 1/2 Mile East	Varies
AB124	1/2 - 1 Mile NW	N

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

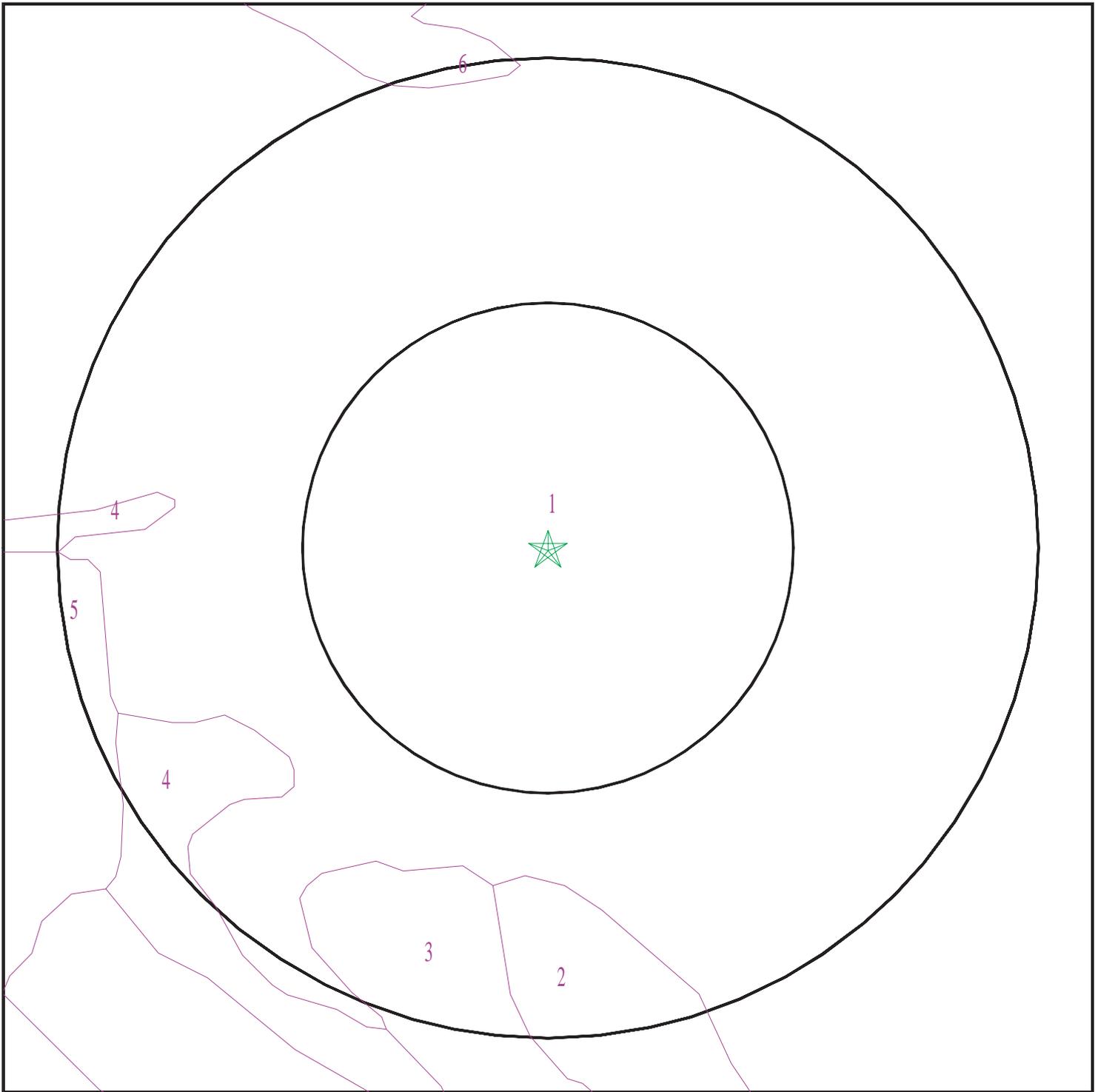
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 3484840.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Pima County Biogas Facility
ADDRESS: 5025 West Ina Road
Tucson AZ 85743
LAT/LONG: 32.3362 / 111.0718

CLIENT: SWCA Environmental Consultants
CONTACT: Steve Obrien
INQUIRY #: 3484840.2s
DATE: December 28, 2012 4:32 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: GRABE

Soil Surface Texture: stratified loam to silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	18 inches	59 inches	stratified loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.9
2	0 inches	18 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.9

Soil Map ID: 2

Soil Component Name: GRABE

Soil Surface Texture: stratified gravelly loam to loam to silt loam

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

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	9 inches	59 inches	stratified gravelly loam to loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42 Min: 0.42	Max: 7.8 Min: 6.6
2	0 inches	9 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 42 Min: 0.42	Max: 7.8 Min: 6.6

Soil Map ID: 3

Soil Component Name: GULLIED LAND

Soil Surface Texture: stratified loam to silty clay loam

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

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	stratified loam to silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	Not reported	Max: 141 Min: 42	Max: 8.4 Min: 7.9

Soil Map ID: 4

Soil Component Name: COMORO

Soil Surface Texture: sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 42 Min: 4	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: BRAZITO

Soil Surface Texture: sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 141 Min: 14	Max: 8.4 Min: 7.4
2	14 inches	59 inches	sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 141 Min: 14	Max: 8.4 Min: 7.4

Soil Map ID: 6

Soil Component Name: GRABE

Soil Surface Texture: stratified loam to silt loam to silty clay loam

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

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	7 inches	59 inches	stratified loam to silt loam to silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	USGS3031268	1/8 - 1/4 Mile NE
A9	USGS3031290	1/8 - 1/4 Mile NE
D12	USGS3031286	1/4 - 1/2 Mile WNW
D14	USGS3031287	1/4 - 1/2 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B15	USGS3031282	1/4 - 1/2 Mile WNW
E17	USGS3031257	1/4 - 1/2 Mile SSE
F18	USGS3031254	1/4 - 1/2 Mile South
F22	USGS3031253	1/4 - 1/2 Mile South
G23	USGS3031278	1/4 - 1/2 Mile West
O65	USGS3031277	1/2 - 1 Mile East
74	USGS3031300	1/2 - 1 Mile NW
M79	USGS3031279	1/2 - 1 Mile West
T82	USGS3031249	1/2 - 1 Mile SW
P83	USGS3031295	1/2 - 1 Mile ENE
U84	USGS3031272	1/2 - 1 Mile West
Q85	USGS3031311	1/2 - 1 Mile North
V90	USGS3031312	1/2 - 1 Mile North
92	USGS3031276	1/2 - 1 Mile East
93	USGS3031416	1/2 - 1 Mile SSE
X108	USGS3031307	1/2 - 1 Mile NE
X114	USGS3031306	1/2 - 1 Mile NE
117	USGS3031305	1/2 - 1 Mile NE
Y118	USGS3031418	1/2 - 1 Mile SE
AA123	USGS3031309	1/2 - 1 Mile NE
125	USGS3031423	1/2 - 1 Mile SW
AC126	USGS3031422	1/2 - 1 Mile SE
127	USGS3031319	1/2 - 1 Mile NNW
AD133	USGS3031320	1/2 - 1 Mile NNE
Z134	USGS3031314	1/2 - 1 Mile NW
139	USGS3031252	1/2 - 1 Mile ESE
146	USGS3031255	1/2 - 1 Mile WSW
AG147	USGS3031401	1/2 - 1 Mile SSE
152	USGS3031294	1/2 - 1 Mile ENE
AI166	USGS3031325	1/2 - 1 Mile NNE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A4	AZ0410256	1/8 - 1/4 Mile NNE

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	AZ7000000040284	0 - 1/8 Mile WNW
3	AZ7000000040348	1/8 - 1/4 Mile NNW
B5	AZ7000000040282	1/8 - 1/4 Mile West
B6	AZ7000000040283	1/8 - 1/4 Mile West
C7	AZ7000000040138	1/8 - 1/4 Mile SSW
C8	AZ7000000040139	1/8 - 1/4 Mile SSW
D10	AZ7000000040347	1/8 - 1/4 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
11	AZ7000000040373	1/4 - 1/2 Mile NNW
13	AZ7000000040374	1/4 - 1/2 Mile NNE
16	AZ7000000040136	1/4 - 1/2 Mile SW
E19	AZ7000000040135	1/4 - 1/2 Mile SE
20	AZ7000000040419	1/4 - 1/2 Mile NNW
G24	AZ7000000040278	1/4 - 1/2 Mile West
G25	AZ7000000040277	1/4 - 1/2 Mile West
G26	AZ7000000040279	1/4 - 1/2 Mile West
G27	AZ7000000040281	1/4 - 1/2 Mile West
G28	AZ7000000040280	1/4 - 1/2 Mile West
H29	AZ7000000040176	1/4 - 1/2 Mile WSW
H30	AZ7000000040177	1/4 - 1/2 Mile WSW
F31	AZ7000000040075	1/4 - 1/2 Mile South
F32	AZ7000000040076	1/4 - 1/2 Mile South
F33	AZ7000000040077	1/4 - 1/2 Mile South
34	AZ7000000040420	1/4 - 1/2 Mile NE
I35	AZ7000000040051	1/4 - 1/2 Mile South
I36	AZ7000000040052	1/4 - 1/2 Mile South
I37	AZ7000000040053	1/4 - 1/2 Mile South
J38	AZ7000000040415	1/4 - 1/2 Mile NW
J39	AZ7000000040414	1/4 - 1/2 Mile NW
J40	AZ7000000040416	1/4 - 1/2 Mile NW
J41	AZ7000000040418	1/4 - 1/2 Mile NW
J42	AZ7000000040417	1/4 - 1/2 Mile NW
43	AZ7000000040454	1/4 - 1/2 Mile NW
44	AZ7000000040421	1/4 - 1/2 Mile NE
K45	AZ7000000040455	1/4 - 1/2 Mile NE
K46	AZ7000000040456	1/4 - 1/2 Mile NE
L47	AZ7000000040265	1/4 - 1/2 Mile West
L48	AZ7000000040266	1/4 - 1/2 Mile West
49	AZ7000000040375	1/4 - 1/2 Mile ENE
51	AZ7000000040015	1/2 - 1 Mile SSE
M52	AZ7000000040264	1/2 - 1 Mile West
N53	AZ7000000040013	1/2 - 1 Mile SE
N54	AZ7000000040014	1/2 - 1 Mile SE
O55	AZ7000000040270	1/2 - 1 Mile East
O56	AZ7000000040271	1/2 - 1 Mile East
O57	AZ7000000040269	1/2 - 1 Mile East
O58	AZ7000000040267	1/2 - 1 Mile East
O59	AZ7000000040268	1/2 - 1 Mile East
O60	AZ7000000040275	1/2 - 1 Mile East
O61	AZ7000000040276	1/2 - 1 Mile East
O62	AZ7000000040274	1/2 - 1 Mile East
O63	AZ7000000040272	1/2 - 1 Mile East
O64	AZ7000000040273	1/2 - 1 Mile East
66	AZ7000000040346	1/2 - 1 Mile WNW
67	AZ7000000039945	1/2 - 1 Mile South
P68	AZ7000000040343	1/2 - 1 Mile ENE
P69	AZ7000000040344	1/2 - 1 Mile ENE
Q70	AZ7000000040603	1/2 - 1 Mile North
Q71	AZ7000000040602	1/2 - 1 Mile North
Q72	AZ7000000040605	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

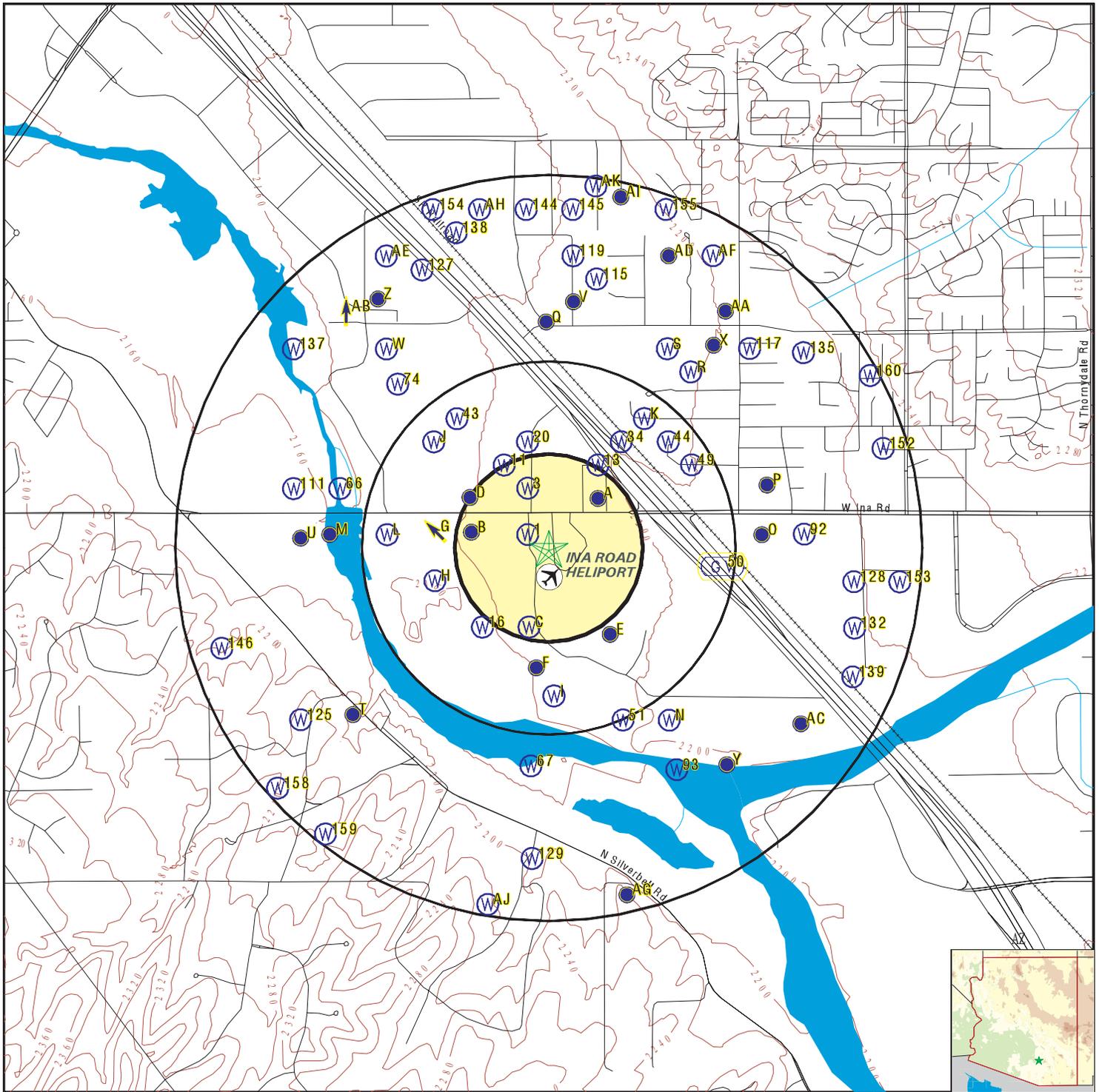
MAP ID	WELL ID	LOCATION FROM TP
Q73	AZ7000000040604	1/2 - 1 Mile North
R75	AZ7000000040518	1/2 - 1 Mile NE
R76	AZ7000000040517	1/2 - 1 Mile NE
R77	AZ7000000040520	1/2 - 1 Mile NE
R78	AZ7000000040519	1/2 - 1 Mile NE
S80	AZ7000000040575	1/2 - 1 Mile NNE
S81	AZ7000000040576	1/2 - 1 Mile NNE
V86	AZ7000000040638	1/2 - 1 Mile North
V87	AZ7000000040637	1/2 - 1 Mile North
V88	AZ7000000040640	1/2 - 1 Mile North
V89	AZ7000000040639	1/2 - 1 Mile North
U91	AZ7000000040263	1/2 - 1 Mile West
W94	AZ7000000040565	1/2 - 1 Mile NW
W95	AZ7000000040566	1/2 - 1 Mile NW
W96	AZ7000000040567	1/2 - 1 Mile NW
W97	AZ7000000040564	1/2 - 1 Mile NW
W98	AZ7000000040561	1/2 - 1 Mile NW
W99	AZ7000000040562	1/2 - 1 Mile NW
W100	AZ7000000040563	1/2 - 1 Mile NW
W101	AZ7000000040572	1/2 - 1 Mile NW
W102	AZ7000000040573	1/2 - 1 Mile NW
W103	AZ7000000040574	1/2 - 1 Mile NW
W104	AZ7000000040571	1/2 - 1 Mile NW
W105	AZ7000000040568	1/2 - 1 Mile NW
W106	AZ7000000040569	1/2 - 1 Mile NW
W107	AZ7000000040570	1/2 - 1 Mile NW
X109	AZ7000000040577	1/2 - 1 Mile NE
X110	AZ7000000040578	1/2 - 1 Mile NE
111	AZ7000000040345	1/2 - 1 Mile WNW
T112	AZ7000000040020	1/2 - 1 Mile SW
T113	AZ7000000040021	1/2 - 1 Mile SW
115	AZ7000000040672	1/2 - 1 Mile North
Y116	AZ7000000039944	1/2 - 1 Mile SE
119	AZ7000000040709	1/2 - 1 Mile North
Z120	AZ7000000040635	1/2 - 1 Mile NNW
Z121	AZ7000000040636	1/2 - 1 Mile NNW
AA122	AZ7000000040643	1/2 - 1 Mile NE
128	AZ7000000040173	1/2 - 1 Mile East
129	AZ7000000039800	1/2 - 1 Mile South
AC130	AZ7000000040012	1/2 - 1 Mile ESE
AD131	AZ7000000040710	1/2 - 1 Mile NNE
132	AZ7000000040134	1/2 - 1 Mile ESE
135	AZ7000000040550	1/2 - 1 Mile NE
AB136	AZ7000000040634	1/2 - 1 Mile NW
137	AZ7000000040560	1/2 - 1 Mile NW
138	AZ7000000040724	1/2 - 1 Mile NNW
AE140	AZ7000000040707	1/2 - 1 Mile NNW
AE141	AZ7000000040708	1/2 - 1 Mile NNW
AF142	AZ7000000040711	1/2 - 1 Mile NNE
AF143	AZ7000000040712	1/2 - 1 Mile NNE
144	AZ7000000040747	1/2 - 1 Mile North
145	AZ7000000040748	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
AH148	AZ7000000040744	1/2 - 1 Mile NNW
AH149	AZ7000000040745	1/2 - 1 Mile NNW
AH150	AZ7000000040746	1/2 - 1 Mile NNW
AI151	AZ7000000040749	1/2 - 1 Mile NNE
153	AZ7000000040172	1/2 - 1 Mile East
154	AZ7000000040743	1/2 - 1 Mile NNW
155	AZ7000000040750	1/2 - 1 Mile NNE
AJ156	AZ7000000039729	1/2 - 1 Mile South
AJ157	AZ7000000039730	1/2 - 1 Mile South
158	AZ7000000039915	1/2 - 1 Mile SW
159	AZ7000000039837	1/2 - 1 Mile SW
160	AZ7000000040507	1/2 - 1 Mile ENE
AK161	AZ7000000040755	1/2 - 1 Mile North
AK162	AZ7000000040754	1/2 - 1 Mile North
AK163	AZ7000000040757	1/2 - 1 Mile North
AK164	AZ7000000040756	1/2 - 1 Mile North
AG165	AZ7000000039728	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 3484840.2s



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

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

SITE NAME: Pima County Biogas Facility
 ADDRESS: 5025 West Ina Road
 Tucson AZ 85743
 LAT/LONG: 32.3362 / 111.0718

CLIENT: SWCA Environmental Consultants
 CONTACT: Steve Obrien
 INQUIRY #: 3484840.2s
 DATE: December 28, 2012 4:32 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
WNW
0 - 1/8 Mile
Lower **AZ WELLS** **AZ7000000040284**

Program:	55	Registry i:	503350
Owner name:	PIMA COUNTY,	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	Not Reported
Well type :	EXEMPT		
Dlic num:	127		
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	Not Reported
Well cance:	Y	Cadastral:	D13012001BAA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	493153.1		
Utm y mete:	3577762		
Applicatio:	6/24/1982 12:00:00 AM	Site id:	AZ7000000040284

A2
NE
1/8 - 1/4 Mile
Higher **FED USGS** **USGS3031268**

Agency cd:	USGS	Site no:	322009111040801
Site name:	D-13-12 01ABA	EDR Site id:	USGS3031268
Latitude:	322015	Dec lat:	32.3375741
Longitude:	1110408	Coor meth:	M
Dec lon:	-111.0695436	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	NENWNES01 T13S R12E G
Country:	US	Map scale:	24000
Location map:	JAYNES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 2191.00
 Altitude method: Interpolated from topographic map
 Altitude accuracy: 5.
 Altitude datum: National Geodetic Vertical Datum of 1929
 Hydrologic: Upper Santa Cruz. Arizona. Area = 2210 sq.mi.
 Topographic: Valley flat
 Site type: Ground-water other than Spring Date construction: 19720215
 Date inventoried: Not Reported Mean greenwich time offset: MST
 Local standard time flag: N
 Type of ground water site: Single well, other than collector or Ranney type
 Aquifer Type: Not Reported
 Aquifer: Not Reported
 Well depth: 200 Hole depth: 200
 Source of depth data: Not Reported
 Project number: USC
 Real time data flag: 0 Daily flow data begin date: 0000-00-00
 Daily flow data end date: 0000-00-00 Daily flow data count: 0
 Peak flow data begin date: 0000-00-00 Peak flow data end date: 0000-00-00
 Peak flow data count: 0 Water quality data begin date: 1981-12-16
 Water quality data end date: 1981-12-16 Water quality data count: 1
 Ground water data begin date: 1972-02-15 Ground water data end date: 1972-02-15
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
----- 1972-02-15	83.00	

**3
NNW
1/8 - 1/4 Mile
Higher**

AZ WELLS AZ7000000040348

Program:	55	Registry i:	570851
Owner name:	CONOCO PHILLIPS COMPANY		
Rgr pump d:	NO	Welltype:	GEOTECHNICAL
Well type :	OTHER		
Dlic num:	78		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	Not Reported		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Y	Cadastral:	D12012036CDD
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Whole town: 12
 Half towns: 0
 Northsouth: S
 Whole rang: 12
 Half range: 0
 Eastwest: E
 Section: 36
 Quarter 16: C Qacre160di: SW
 Quarter 40: D Qacre40dir: SE
 Quarter 10: D Qacre10dir: SE
 Utm x mete: 493153.2
 Utm y mete: 3577962
 Applicatio: 9/16/1998 12:00:00 AM Site id: AZ7000000040348

A4
NNE
1/8 - 1/4 Mile
Higher

FRDS PWS AZ0410256

PWS ID: AZ0410256
 Date Initiated: 8811 Date Deactivated: Not Reported
 PWS Name: TEXACO/INA ROAD WELL
 4905 WEST INA ROAD
 TUCSON, AZ 85704

Addressee / Facility: System Owner/Responsible Party
 TEXACO SERVICE STATION #30
 P.O. BOX 27386
 TUCSON, AZ 85726

Facility Latitude: 32 20 18 Facility Longitude: 111 04 11
 City Served: TUCSON
 Treatment Class: Untreated Population: 00000100

PWS currently has or had major violation(s) or enforcement: YES

VIOLATIONS INFORMATION:

Violation ID:	9417483	Source ID:	Not Reported	PWS Phone:	Not Reported
Vio. beginning Date:	05/01/94	Vio. end Date:	05/31/94	Vio. Period:	001 Months
Num required Samples:	Not Reported	Number of Samples Taken:	Not Reported		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Routine Major (TCR)				
Contaminant:	COLIFORM (TCR)				
Vio. Awareness Date:	061694				

Violation ID:	9417482	Source ID:	Not Reported	PWS Phone:	Not Reported
Vio. beginning Date:	04/01/94	Vio. end Date:	04/30/94	Vio. Period:	001 Months
Num required Samples:	Not Reported	Number of Samples Taken:	Not Reported		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Routine Major (TCR)				
Contaminant:	COLIFORM (TCR)				
Vio. Awareness Date:	051294				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

B5
West
1/8 - 1/4 Mile
Lower

AZ WELLS AZ7000000040282

Program:	55	Registry i:	400047
Owner name:	ARIZONA DEPARTMENT OF TRANSPORTATION		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	533		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	100		
Water leve:	0		
Casing dep:	100		
Casing dia:	6		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	A	Drill log:	Not Reported
Well cance:	Y	Cadastral:	D13012001BAB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492951		
Utm y mete:	3577762		
Applicatio:	1/6/1999 12:00:00 AM	Site id:	AZ7000000040282

B6
West
1/8 - 1/4 Mile
Lower

AZ WELLS AZ7000000040283

Program:	55	Registry i:	503351
Owner name:	PIMA COUNTY,		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	127		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	NO CASING CODE LISTED	Drill log:	Not Reported
Pump type:	NO PUMP CODE LISTED	Cadastral:	D13012001BAB
Pump power:	NO POWER CODE LISTED	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	N		
Well cance:	Y		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492951		
Utm y mete:	3577762		
Applicatio:	6/24/1982 12:00:00 AM	Site id:	AZ7000000040283

C7
SSW
1/8 - 1/4 Mile
Lower

AZ WELLS AZ7000000040138

Program:	55	Registry i:	503353
Owner name:	PIMA COUNTY,	Welltype:	MONITOR OR PIEZOMETER
Rgr pump d:	NO		
Well type :	MONITOR		
Dlic num:	473		
Approved:	Not Reported	Installed:	7/24/1992 12:00:00 AM
Well depth:	150		
Water leve:	79		
Casing dep:	150		
Casing dia:	6		
Casing typ:	PLASTIC OR PVC		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	X
Well cance:	Not Reported	Cadastral:	D13012001BDA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	A	Qacre10dir:	NE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 493158.1
 Utm y mete: 3577363
 Applicatio: 7/15/1992 12:00:00 AM Site id: AZ7000000040138

**C8
 SSW
 1/8 - 1/4 Mile
 Lower**

AZ WELLS AZ7000000040139

Program:	55	Registry i:	604856
Owner name:	CORTARO-MARANA IRRIG,	Welltype:	NON-EXEMPT
Rgr pump d:	YES		
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	3/1/1955 12:00:00 AM
Well depth:	280		
Water leve:	113		
Casing dep:	280		
Casing dia:	20		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	1350		
Testedrate:	1350		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13012001BDA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	493158.1		
Utm y mete:	3577363		
Applicatio:	3/18/1982 12:00:00 AM	Site id:	AZ7000000040139

**A9
 NE
 1/8 - 1/4 Mile
 Higher**

FED USGS USGS3031290

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	322018111040501
Site name:	D-12-12 36DCD		
Latitude:	322018	EDR Site id:	USGS3031290
Longitude:	1110405	Dec lat:	32.33840742
Dec lon:	-111.06871028	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	04	County:	019
Country:	US	Land net:	SESWSES36 T12S R12E G
Location map:	JAYNES	Map scale:	24000
Altitude:	2191.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	010		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	197203
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	310	Hole depth:	310
Source of depth data:	reporting agency (generally USGS)		
Project number:	USC		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**D10
NW
1/8 - 1/4 Mile
Lower**

AZ WELLS AZ7000000040347

Program:	55	Registry i:	604841
Owner name:	CORTARO-MARANA IRRIG,		
Rgr pump d:	NO	Welltype:	NON-EXEMPT
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	1/1/1956 12:00:00 AM
Well depth:	340		
Water leve:	76		
Casing dep:	338		
Casing dia:	20		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	1350		
Testedrate:	1350		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036CDC
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	C	Qacre10dir:	SW
Utm x mete:	492950.9		
Utm y mete:	3577962		
Applicatio:	3/18/1982 12:00:00 AM	Site id:	AZ7000000040347

**11
NNW
1/4 - 1/2 Mile
Lower**

AZ WELLS AZ7000000040373

Program:	55	Registry i:	638557
Owner name:	HERMAN,W O		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	1/1/1967 12:00:00 AM
Well depth:	216		
Water leve:	103		
Casing dep:	0		
Casing dia:	8		
Casing typ:	OTHER - BLACK STEEL - IRON - SEAMLESS		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	35		
Testedrate:	35		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036CD0
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493051.6		
Utm y mete:	3578062		
Applicatio:	6/10/1982 12:00:00 AM	Site id:	AZ7000000040373

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

D12
WNW
1/4 - 1/2 Mile
Lower

FED USGS USGS3031286

Agency cd:	USGS	Site no:	322016111043001
Site name:	D-12-12 36CDC1		
Latitude:	322016	EDR Site id:	USGS3031286
Longitude:	1110430	Dec lat:	32.33785187
Dec lon:	-111.07565486	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	04	County:	019
Country:	US	Land net:	SWSESWS36 T12S R12E G
Location map:	JAYNES	Map scale:	24000
Altitude:	2177.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	192004
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	347	Hole depth:	347
Source of depth data:	driller		
Project number:	USC		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1947-02-01	Ground water data end date:	1947-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1947-02-01	65.80	

13
NNE
1/4 - 1/2 Mile
Higher

AZ WELLS AZ7000000040374

Program:	55	Registry i:	635011
Owner name:	EXXON CO,		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	310		
Water leve:	0		
Casing dep:	300		
Casing dia:	8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	10		
Testedrate:	10		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036DC0
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493455.9		
Utm y mete:	3578062		
Applicatio:	6/8/1982 12:00:00 AM	Site id:	AZ7000000040374

**D14
WNW
1/4 - 1/2 Mile
Lower**

FED USGS USGS3031287

Agency cd:	USGS	Site no:	322017111043001
Site name:	D-12-12 36CDC2		
Latitude:	322017	EDR Site id:	USGS3031287
Longitude:	1110430	Dec lat:	32.33812964
Dec lon:	-111.07565487	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	04	County:	019
Country:	US	Land net:	SWSESWS36 T12S R12E G
Location map:	JAYNES	Map scale:	24000
Altitude:	2178.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	010		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19560703
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	340.00	Hole depth:	340.00
Source of depth data:	driller		
Project number:	USC		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 1982-01-27	Ground water data end date: 1987-11-30
Ground water data count: 2	

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----			-----		
1987-11-30	92.00		1982-01-27	89.0	

B15
WNW
1/4 - 1/2 Mile
Lower

FED USGS USGS3031282

Agency cd:	USGS	Site no:	322013111043201
Site name:	D-13-12 01BBA1	EDR Site id:	USGS3031282
Latitude:	322013	Dec lat:	32.33701855
Longitude:	1110432	Coor meth:	M
Dec lon:	-111.0762104	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	NENWNWS01 T13S R12E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2178.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	196109
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	154	Hole depth:	154
Source of depth data:	Not Reported		
Project number:	USC		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported		
Daily flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Peak flow data end date:	Not Reported		
Water quality data begin date:	Not Reported		
Water quality data end date:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data end date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

16
SW
1/4 - 1/2 Mile
Lower

AZ WELLS AZ7000000040136

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Program:	55	Registry i:	508577
Owner name:	PIMA CNTY WASTEWATER,		
Rgr pump d:	NO	Welltype:	EXPLORATION
Well type :	OTHER		
Dlic num:	127		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Y	Cadastral:	D13012001BDB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492957.2		
Utm y mete:	3577363		
Applicatio:	7/2/1984 12:00:00 AM	Site id:	AZ7000000040136

**E17
SSE
1/4 - 1/2 Mile
Higher**

FED USGS USGS3031257

Agency cd:	USGS	Site no:	321957111040801
Site name:	D-13-12 01ACB		
Latitude:	321957	EDR Site id:	USGS3031257
Longitude:	1110408	Dec lat:	32.3325742
Dec lon:	-111.06954339	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	04	County:	019
Country:	US	Land net:	NWSWNES01 T13S R12E G
Location map:	JAYNES	Map scale:	24000
Altitude:	2193.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	197704
Date inventoried:	Not Reported	Mean greenwich time offset:	MST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	400	Hole depth:	400
Source of depth data:	Not Reported		
Project number:	USC		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

F18
South
1/4 - 1/2 Mile
Lower

FED USGS USGS3031254

Agency cd:	USGS	Site no:	321955111041601
Site name:	D-13-12 01BDD2	EDR Site id:	USGS3031254
Latitude:	321955	Dec lat:	32.33201865
Longitude:	1110416	Coor meth:	M
Dec lon:	-111.07176565	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	SESENWS01 T13S R12E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2182.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	010		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19550324
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	280	Hole depth:	280
Source of depth data:	driller		
Project number:	USC		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1987-12-02	Ground water data end date:	1987-12-02
Ground water data count:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1987-12-02	94.20	

E19
SE
1/4 - 1/2 Mile
Higher

AZ WELLS AZ7000000040135

Program:	55	Registry i:	639725
Owner name:	PIMA CNTY WASTEWATER,		
Rgr pump d:	YES	Welltype:	NON-EXEMPT
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	1/1/1976 12:00:00 AM
Well depth:	400		
Water leve:	80		
Casing dep:	400		
Casing dia:	12		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	300		
Testedrate:	300		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13012001ACA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	493559.9		
Utm y mete:	3577362		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000040135

20
NNW
1/4 - 1/2 Mile
Lower

AZ WELLS AZ7000000040419

Program:	55	Registry i:	601245
Owner name:	TOWN OF MARANA		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036CDA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	493152.2		
Utm y mete:	3578162		
Applicatio:	11/18/1981 12:00:00 AM	Site id:	AZ7000000040419

G21 WNW 1/4 - 1/2 Mile Lower	Site ID:	006556		
	Groundwater Flow:	NW	AQUIFLOW	49497
	Shallowest Water Table Depth:	140		
	Deepest Water Table Depth:	160		
	Average Water Table Depth:	Not Reported		
	Date:	06/10/1999		

F22 South 1/4 - 1/2 Mile Lower			FED USGS	USGS3031253
	Agency cd:	USGS	Site no:	321954111041701
	Site name:	D-13-12 01BDD1		
	Latitude:	321954	EDR Site id:	USGS3031253
	Longitude:	1110417	Dec lat:	32.33174087
	Dec lon:	-111.07204342	Coor meth:	M
	Coor accr:	F	Latlong datum:	NAD27
	Dec latlong datum:	NAD83	District:	04
	State:	04	County:	019
	Country:	US	Land net:	SESENWS01 T13S R12E G
	Location map:	JAYNES	Map scale:	24000
	Altitude:	2182.00		
	Altitude method:	Level or other surveying method		
	Altitude accuracy:	1.		
	Altitude datum:	National Geodetic Vertical Datum of 1929		
	Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat			
Site type:	Ground-water other than Spring	Date construction:	192005	
Date inventoried:	Not Reported	Mean greenwich time offset:	MST	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1974-04-05	180.00	

G24
West
1/4 - 1/2 Mile
Lower

AZ WELLS AZ7000000040278

Program:	55	Registry i:	508575
Owner name:	PIMA CNTY WASTEWATER,		
Rgr pump d:	NO	Welltype:	EXPLORATION
Well type :	OTHER		
Dlic num:	127		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Y	Cadastral:	D13012001BBA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	492748.8		
Utm y mete:	3577762		
Applicatio:	7/2/1984 12:00:00 AM	Site id:	AZ7000000040278

G25
West
1/4 - 1/2 Mile
Lower

AZ WELLS AZ7000000040277

Program:	55	Registry i:	508567
Owner name:	PIMA CNTY WASTEWATER,		
Rgr pump d:	NO	Welltype:	EXPLORATION
Well type :	OTHER		
Dlic num:	127		
Approved:	Not Reported	Installed:	8/8/1984 12:00:00 AM
Well depth:	30		
Water leve:	0		
Casing dep:	30		
Casing dia:	3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	OTHER - BLACK STEEL - IRON - SEAMLESS		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	X
Well cance:	Not Reported	Cadastral:	D13012001BBA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	492748.8		
Utm y mete:	3577762		
Applicatio:	7/2/1984 12:00:00 AM	Site id:	AZ7000000040277

G26
West
1/4 - 1/2 Mile
Lower

AZ WELLS AZ7000000040279

Program:	55	Registry i:	511638
Owner name:	TUCSON SAND & SOIL,	Welltype:	NON-SERVICE
Rgr pump d:	NO		
Well type :	NON-EXEMPT	Installed:	Not Reported
Dlic num:	0		
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	N
Well cance:	Y	Cadastral:	D13012001BBA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	A	Qacre10dir:	NE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 492748.8
 Utm y mete: 3577762
 Applicatio: 6/26/1985 12:00:00 AM Site id: AZ7000000040279

G27
West
1/4 - 1/2 Mile
Lower

AZ WELLS AZ7000000040281

Program:	55	Registry i:	639732
Owner name:	PIMA CNTY WASTEWATER,	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	Not Reported
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	0		
Water leve:	80		
Casing dep:	0		
Casing dia:	6		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	35		
Testedrate:	35		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Y	Cadastral:	D13012001BBA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	492748.8		
Utm y mete:	3577762		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000040281

G28
West
1/4 - 1/2 Mile
Lower

AZ WELLS AZ7000000040280

Program:	55	Registry i:	627554
Owner name:	TUCSON SAND & SOIL,	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	Not Reported
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	20		
Testedrate:	20		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13012001BBA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	492748.8		
Utm y mete:	3577762		
Applicatio:	6/9/1982 12:00:00 AM	Site id:	AZ7000000040280

**H29
WSW
1/4 - 1/2 Mile
Lower**

AZ WELLS AZ7000000040176

Program:	55	Registry i:	508582
Owner name:	PIMA CNTY WASTEWATER,		
Rgr pump d:	NO	Welltype:	EXPLORATION
Well type :	OTHER		
Dlic num:	127		
Approved:	Not Reported	Installed:	11/19/1984 12:00:00 AM
Well depth:	203		
Water leve:	80		
Casing dep:	200		
Casing dia:	8		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	X
Well cance:	Not Reported	Cadastral:	D13012001BBD
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	D	Qacre10dir:	SE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 492752.5
 Utm y mete: 3577563
 Applicatio: 7/2/1984 12:00:00 AM Site id: AZ7000000040176

**H30
 WSW
 1/4 - 1/2 Mile
 Lower**

AZ WELLS AZ7000000040177

Program:	55	Registry i:	900999
Owner name:	PIMA COUNTY SOLID WASTE MANAGEMENT		
Rgr pump d:	NO	Welltype:	MONITOR
Well type :	MONITOR		
Dlic num:	161		
Approved:	9/20/2004 4:15:11 PM	Installed:	Not Reported
Well depth:	216		
Water leve:	116		
Casing dep:	214		
Casing dia:	6		
Casing typ:	PLASTIC OR PVC		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	X
Well cance:	Not Reported	Cadastral:	D13012001BBD
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	D	Qacre10dir:	SE
Utm x mete:	492752.5		
Utm y mete:	3577563		
Applicatio:	9/20/2004 4:15:11 PM	Site id:	AZ7000000040177

**F31
 South
 1/4 - 1/2 Mile
 Lower**

AZ WELLS AZ7000000040075

Program:	55	Registry i:	508570
Owner name:	PIMA CNTY WASTEWATER,		
Rgr pump d:	NO	Welltype:	EXPLORATION
Well type :	OTHER		
Dlic num:	127		
Approved:	Not Reported	Installed:	12/28/1984 12:00:00 AM
Well depth:	100		
Water leve:	60		
Casing dep:	100		
Casing dia:	6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	X
Well cance:	Not Reported	Cadastral:	D13012001BDD
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	D	Qacre10dir:	SE
Utm x mete:	493160.6		
Utm y mete:	3577163		
Applicatio:	7/2/1984 12:00:00 AM	Site id:	AZ7000000040075

F32
South
1/4 - 1/2 Mile
Lower

AZ WELLS AZ7000000040076

Program:	55	Registry i:	904069
Owner name:	PIMA COUNTY WASTEWATER DEPARTMENT		
Rgr pump d:	NO	Welltype:	PIEZOMETER
Well type :	MONITOR		
Dlic num:	498		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	Not Reported		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13012001BDD
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	D	Qacre10dir:	SE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 493160.6
 Utm y mete: 3577163
 Applicatio: 1/24/2006 3:24:19 PM Site id: AZ7000000040076

F33
South
1/4 - 1/2 Mile
Lower

AZ WELLS AZ7000000040077

Program:	55	Registry i:	904070
Owner name:	PIMA COUNTY WASTEWATER DEPARTMENT		
Rgr pump d:	NO	Welltype:	PIEZOMETER
Well type :	MONITOR		
Dlic num:	498		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	Not Reported		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13012001BDD
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	D	Qacre10dir:	SE
Utm x mete:	493160.6		
Utm y mete:	3577163		
Applicatio:	1/24/2006 4:06:07 PM	Site id:	AZ7000000040077

34
NE
1/4 - 1/2 Mile
Higher

AZ WELLS AZ7000000040420

Program:	55	Registry i:	512548
Owner name:	SMK INVESTMENTS, INC,		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	25		
Approved:	Not Reported	Installed:	10/23/1985 12:00:00 AM
Well depth:	185		
Water leve:	110		
Casing dep:	185		
Casing dia:	8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	C	Drill log:	X
Well cance:	Not Reported	Cadastral:	D12012036DCA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	493556.2		
Utm y mete:	3578162		
Applicatio:	10/8/1985 12:00:00 AM	Site id:	AZ7000000040420

**I35
South
1/4 - 1/2 Mile
Lower**

AZ WELLS AZ7000000040051

Program:	55	Registry i:	636756
Owner name:	WILLIAMS JR,H	Welltype:	EXEMPT
Rgr pump d:	NO		
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	1/1/1954 12:00:00 AM
Well depth:	120		
Water leve:	60		
Casing dep:	0		
Casing dia:	8		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	25		
Testedrate:	25		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13012001000
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	0	Qacre160di:	Not Reported
Quarter 40:	0	Qacre40dir:	Not Reported
Quarter 10:	0	Qacre10dir:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 493265.4
 Utm y mete: 3577066
 Applicatio: 6/11/1982 12:00:00 AM Site id: AZ7000000040051

I36
South
1/4 - 1/2 Mile
Lower

AZ WELLS AZ7000000040052

Program:	55	Registry i:	804950
Owner name:	TEXACO REFINING,	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	Not Reported
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13012001000
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	0	Qacre160di:	Not Reported
Quarter 40:	0	Qacre40dir:	Not Reported
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493265.4		
Utm y mete:	3577066		
Applicatio:	8/11/1987 12:00:00 AM	Site id:	AZ7000000040052

I37
South
1/4 - 1/2 Mile
Lower

AZ WELLS AZ7000000040053

Program:	55	Registry i:	911837
Owner name:	ARIZONA DEPARTMENT OF TRANSPORTATION, ATTN: KARIN WALSH	Welltype:	GEOTECHNICAL
Rgr pump d:	NO	Installed:	Not Reported
Well type :	OTHER		
Dlic num:	498		
Approved:	3/18/2010 2:49:14 PM		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	Not Reported	Drill log:	Not Reported
Pump type:	Not Reported	Cadastral:	D13012001000
Pump power:	Not Reported	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	Not Reported		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	0	Qacre160di:	Not Reported
Quarter 40:	0	Qacre40dir:	Not Reported
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493265.4		
Utm y mete:	3577066		
Applicatio:	3/18/2010 2:49:14 PM	Site id:	AZ7000000040053

**J38
NW
1/4 - 1/2 Mile
Lower**

AZ WELLS AZ7000000040415

Program:	55	Registry i:	542827
Owner name:	LA FARGE BUILDING MATERIALS INC		
Rgr pump d:	NO	Welltype:	MONITOR OR PIEZOMETER
Well type :	MONITOR		
Dlic num:	473		
Approved:	Not Reported	Installed:	4/18/1994 12:00:00 AM
Well depth:	130		
Water leve:	60		
Casing dep:	60		
Casing dia:	4		
Casing typ:	PLASTIC OR PVC		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	A	Drill log:	X
Well cance:	Y	Cadastral:	D12012036CCA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	A	Qacre10dir:	NE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 492748.1
 Utm y mete: 3578162
 Applicatio: 3/22/1994 12:00:00 AM Site id: AZ7000000040415

**J39
 NW
 1/4 - 1/2 Mile
 Lower**

AZ WELLS AZ7000000040414

Program:	55	Registry i:	542826
Owner name:	LA FARGE BUILDING MATERIALS INC		
Rgr pump d:	NO	Welltype:	MONITOR OR PIEZOMETER
Well type :	MONITOR		
Dlic num:	473		
Approved:	Not Reported	Installed:	4/20/1994 12:00:00 AM
Well depth:	110		
Water leve:	81		
Casing dep:	60		
Casing dia:	4		
Casing typ:	PLASTIC OR PVC		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	A	Drill log:	X
Well cance:	Y	Cadastral:	D12012036CCA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	492748.1		
Utm y mete:	3578162		
Applicatio:	3/22/1994 12:00:00 AM	Site id:	AZ7000000040414

**J40
 NW
 1/4 - 1/2 Mile
 Lower**

AZ WELLS AZ7000000040416

Program:	55	Registry i:	542828
Owner name:	6886 PROPERTIES LLC		
Rgr pump d:	NO	Welltype:	MONITOR OR PIEZOMETER
Well type :	MONITOR		
Dlic num:	473		
Approved:	Not Reported	Installed:	4/21/1994 12:00:00 AM
Well depth:	120		
Water leve:	81		
Casing dep:	60		
Casing dia:	4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	PLASTIC OR PVC	Drill log:	X
Pump type:	NO PUMP CODE LISTED	Cadastral:	D12012036CCA
Pump power:	NO POWER CODE LISTED	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	A		
Well cance:	Y		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	492748.1		
Utm y mete:	3578162		
Applicatio:	3/22/1994 12:00:00 AM	Site id:	AZ7000000040416

**J41
NW
1/4 - 1/2 Mile
Lower**

AZ WELLS AZ7000000040418

Program:	55	Registry i:	548495
Owner name:	BCW, INC,	Welltype:	EXPLORATION
Rgr pump d:	NO		
Well type :	OTHER		
Dlic num:	473	Installed:	Not Reported
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED	Drill log:	Not Reported
Pump type:	NO PUMP CODE LISTED	Cadastral:	D12012036CCA
Pump power:	NO POWER CODE LISTED	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	N		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	A	Qacre10dir:	NE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 492748.1
 Utm y mete: 3578162
 Applicatio: 4/13/1995 12:00:00 AM Site id: AZ7000000040418

**J42
 NW
 1/4 - 1/2 Mile
 Lower**

AZ WELLS AZ7000000040417

Program:	55	Registry i:	542829
Owner name:	BCW INC,	Welltype:	EXPLORATION
Rgr pump d:	NO		
Well type :	OTHER		
Dlic num:	473		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036CCA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	492748.1		
Utm y mete:	3578162		
Applicatio:	3/22/1994 12:00:00 AM	Site id:	AZ7000000040417

**43
 NW
 1/4 - 1/2 Mile
 Lower**

AZ WELLS AZ7000000040454

Program:	55	Registry i:	631247
Owner name:	HANSEN,O L	Welltype:	EXEMPT
Rgr pump d:	NO		
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	3/14/1972 12:00:00 AM
Well depth:	345		
Water leve:	100		
Casing dep:	345		
Casing dia:	8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	NO CASING CODE LISTED	Drill log:	Not Reported
Pump type:	NO PUMP CODE LISTED	Cadastral:	D12012036C00
Pump power:	NO POWER CODE LISTED	Watershed:	SANTA CRUZ RIVER
Pumprate:	10	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	10	Quad code:	D
Draw down:	0		
Completion:	Not Reported		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	0	Qacre40dir:	Not Reported
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	492848		
Utm y mete:	3578262		
Applicatio:	6/8/1982 12:00:00 AM	Site id:	AZ7000000040454

**44
NE
1/4 - 1/2 Mile
Higher**

AZ WELLS AZ7000000040421

Program:	55	Registry i:	627578
Owner name:	THOMPSON,R	Welltype:	NON-EXEMPT
Rgr pump d:	YES		
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	1/1/1964 12:00:00 AM
Well depth:	350		
Water leve:	106		
Casing dep:	280		
Casing dia:	8		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	65		
Testedrate:	65		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036DDB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	B	Qacre10dir:	NW

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 493758.3
 Utm y mete: 3578162
 Applicatio: 6/14/1982 12:00:00 AM Site id: AZ7000000040421

K45
NE
1/4 - 1/2 Mile
Higher

AZ WELLS AZ7000000040455

Program:	55	Registry i:	629479
Owner name:	COTTONWOOD DEVEL,	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	Not Reported
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036D00
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	0	Qacre40dir:	Not Reported
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493655.6		
Utm y mete:	3578262		
Applicatio:	7/16/1982 12:00:00 AM	Site id:	AZ7000000040455

K46
NE
1/4 - 1/2 Mile
Higher

AZ WELLS AZ7000000040456

Program:	55	Registry i:	640753
Owner name:	FEDERICO,R	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	Not Reported
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	NO CASING CODE LISTED	Drill log:	Not Reported
Pump type:	NO PUMP CODE LISTED	Cadastral:	D12012036D00
Pump power:	NO POWER CODE LISTED	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	Not Reported		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	0	Qacre40dir:	Not Reported
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493655.6		
Utm y mete:	3578262		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000040456

L47
West
1/4 - 1/2 Mile
Lower

AZ WELLS AZ7000000040265

Program:	55	Registry i:	596030
Owner name:	TOWN OF MARANA	Welltype:	GEOTECHNICAL
Rgr pump d:	NO		
Well type :	OTHER		
Dlic num:	498	Installed:	Not Reported
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	Not Reported		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Y	Cadastral:	D13012001BBB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 492547
 Utm y mete: 3577762
 Applicatio: 11/22/2002 12:00:00 AM Site id: AZ7000000040265

L48
West
1/4 - 1/2 Mile
Lower

AZ WELLS AZ7000000040266

Program:	55	Registry i:	639733
Owner name:	PIMA CNTY WASTEWATER,	Welltype:	EXEMPT
Rgr pump d:	YES	Installed:	Not Reported
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	0		
Water leve:	80		
Casing dep:	0		
Casing dia:	0		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	35		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13012001BBB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492547		
Utm y mete:	3577762		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000040266

49
ENE
1/4 - 1/2 Mile
Higher

AZ WELLS AZ7000000040375

Program:	55	Registry i:	085600
Owner name:	MARVIN Z UPHAUS	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	12/20/1980 12:00:00 AM
Well type :	EXEMPT		
Dlic num:	27		
Approved:	8/28/1980 12:00:00 AM		
Well depth:	193		
Water leve:	110		
Casing dep:	193		
Casing dia:	8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	35		
Testedrate:	35		
Draw down:	20		
Completion:	X	Drill log:	X
Well cance:	Not Reported	Cadastral:	D12012036DD0
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493859.3		
Utm y mete:	3578062		
Applicatio:	8/21/1980 12:00:00 AM	Site id:	AZ7000000040375

50 East 1/4 - 1/2 Mile Higher	Site ID:	003910		
	Groundwater Flow:	Varies	AQUIFLOW	49604
	Shallowest Water Table Depth:	Not Reported		
	Deepest Water Table Depth:	Not Reported		
	Average Water Table Depth:	81 ft		
	Date:	11/19/1992		

51 SSE 1/2 - 1 Mile Higher			AZ WELLS	AZ7000000040015
	Program:	55	Registry i:	508573
	Owner name:	PIMA CNTY WASTEWATER,	Welltype:	EXPLORATION
	Rgr pump d:	NO		
	Well type :	OTHER		
	Dlic num:	127		
Approved:	Not Reported	Installed:	9/6/1984 12:00:00 AM	
Well depth:	37			
Water leve:	0			
Casing dep:	36			
Casing dia:	2			
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING			
Pump type:	NO PUMP CODE LISTED			
Pump power:	NO POWER CODE LISTED			
Pumprate:	0			
Testedrate:	0			
Draw down:	0			
Completion:	N	Drill log:	X	
Well cance:	Not Reported	Cadastral:	D13012001DBA	
County:	PIMA	Watershed:	SANTA CRUZ RIVER	
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ	
Ama:	TUCSON	Quad code:	D	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	493562.6		
Utm y mete:	3576962		
Applicatio:	7/2/1984 12:00:00 AM	Site id:	AZ7000000040015

**M52
West
1/2 - 1 Mile
Lower**

AZ WELLS AZ7000000040264

Program:	55	Registry i:	554071
Owner name:	CITY OF TUCSON/TUCSON WATER		
Rgr pump d:	NO	Welltype:	WITHDRAWAL PERMIT
Well type :	NON-EXEMPT		
Dlic num:	89		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	N
Well cance:	Not Reported	Cadastral:	D13012002AAA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	2		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	492346.8		
Utm y mete:	3577762		
Applicatio:	5/6/1995 12:00:00 AM	Site id:	AZ7000000040264

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

N53
SE
1/2 - 1 Mile
Higher

AZ WELLS AZ7000000040013

Program:	55	Registry i:	508568
Owner name:	PIMA CNTY WASTEWATER,		
Rgr pump d:	NO	Welltype:	EXPLORATION
Well type :	OTHER		
Dlic num:	127		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Y	Cadastral:	D13012001DAB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	493762.3		
Utm y mete:	3576961		
Applicatio:	7/2/1984 12:00:00 AM	Site id:	AZ7000000040013

N54
SE
1/2 - 1 Mile
Higher

AZ WELLS AZ7000000040014

Program:	55	Registry i:	508581
Owner name:	PIMA CNTY WASTEWATER,		
Rgr pump d:	NO	Welltype:	EXPLORATION
Well type :	OTHER		
Dlic num:	127		
Approved:	Not Reported	Installed:	12/17/1984 12:00:00 AM
Well depth:	200		
Water leve:	60		
Casing dep:	200		
Casing dia:	8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	X
Well cance:	Not Reported	Cadastral:	D13012001DAB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	493762.3		
Utm y mete:	3576961		
Applicatio:	7/2/1984 12:00:00 AM	Site id:	AZ7000000040014

**O55
East
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000040270

Program:	55	Registry i:	558219
Owner name:	CIRCLE K STORES 946,	Welltype:	MONITOR OR PIEZOMETER
Rgr pump d:	NO		
Well type :	MONITOR		
Dlic num:	175	Installed:	Not Reported
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13013006BBB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	6		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 494161.3
 Utm y mete: 3577761
 Applicatio: 6/6/1996 12:00:00 AM Site id: AZ7000000040270

O56
East
1/2 - 1 Mile
Higher

AZ WELLS AZ7000000040271

Program:	55	Registry i:	558220
Owner name:	CIRCLE K STORES 946,	Welltype:	MONITOR OR PIEZOMETER
Rgr pump d:	NO		
Well type :	MONITOR		
Dlic num:	175		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13013006BBB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	6		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	494161.3		
Utm y mete:	3577761		
Applicatio:	6/6/1996 12:00:00 AM	Site id:	AZ7000000040271

O57
East
1/2 - 1 Mile
Higher

AZ WELLS AZ7000000040269

Program:	55	Registry i:	558218
Owner name:	CIRCLE K STORES 946,	Welltype:	MONITOR OR PIEZOMETER
Rgr pump d:	NO		
Well type :	MONITOR		
Dlic num:	175		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	NO CASING CODE LISTED	Drill log:	Not Reported
Pump type:	NO PUMP CODE LISTED	Cadastral:	D13013006BBB
Pump power:	NO POWER CODE LISTED	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	N		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	6		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	494161.3		
Utm y mete:	3577761		
Applicatio:	6/6/1996 12:00:00 AM	Site id:	AZ7000000040269

**O58
East
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000040267

Program:	55	Registry i:	558216
Owner name:	CIRCLE K STORES 946,	Welltype:	MONITOR OR PIEZOMETER
Rgr pump d:	NO		
Well type :	MONITOR		
Dlic num:	175	Installed:	Not Reported
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13013006BBB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	6		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 494161.3
 Utm y mete: 3577761
 Applicatio: 6/6/1996 12:00:00 AM Site id: AZ7000000040267

**O59
 East
 1/2 - 1 Mile
 Higher**

AZ WELLS AZ7000000040268

Program:	55	Registry i:	558217
Owner name:	CIRCLE K STORES 946,	Welltype:	MONITOR OR PIEZOMETER
Rgr pump d:	NO		
Well type :	MONITOR		
Dlic num:	175		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13013006BBB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	6		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	494161.3		
Utm y mete:	3577761		
Applicatio:	6/6/1996 12:00:00 AM	Site id:	AZ7000000040268

**O60
 East
 1/2 - 1 Mile
 Higher**

AZ WELLS AZ7000000040275

Program:	55	Registry i:	558224
Owner name:	CIRCLE K STORES 946,	Welltype:	MONITOR OR PIEZOMETER
Rgr pump d:	NO		
Well type :	MONITOR		
Dlic num:	175		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	NO CASING CODE LISTED	Drill log:	Not Reported
Pump type:	NO PUMP CODE LISTED	Cadastral:	D13013006BBB
Pump power:	NO POWER CODE LISTED	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	N		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	6		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	494161.3		
Utm y mete:	3577761		
Applicatio:	6/6/1996 12:00:00 AM	Site id:	AZ7000000040275

**O61
East
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000040276

Program:	55	Registry i:	558225
Owner name:	CIRCLE K STORES 946,	Welltype:	MONITOR OR PIEZOMETER
Rgr pump d:	NO		
Well type :	MONITOR		
Dlic num:	175	Installed:	Not Reported
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED	Drill log:	Not Reported
Pump type:	NO PUMP CODE LISTED	Cadastral:	D13013006BBB
Pump power:	NO POWER CODE LISTED	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	N		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	6		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 494161.3
 Utm y mete: 3577761
 Applicatio: 6/6/1996 12:00:00 AM Site id: AZ7000000040276

**O62
 East
 1/2 - 1 Mile
 Higher**

AZ WELLS AZ7000000040274

Program:	55	Registry i:	558223
Owner name:	CIRCLE K STORES 946,	Welltype:	MONITOR OR PIEZOMETER
Rgr pump d:	NO	Installed:	Not Reported
Well type :	MONITOR		
Dlic num:	175		
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13013006BBB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	6		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	494161.3		
Utm y mete:	3577761		
Applicatio:	6/6/1996 12:00:00 AM	Site id:	AZ7000000040274

**O63
 East
 1/2 - 1 Mile
 Higher**

AZ WELLS AZ7000000040272

Program:	55	Registry i:	558221
Owner name:	CIRCLE K STORES 946,	Welltype:	MONITOR OR PIEZOMETER
Rgr pump d:	NO	Installed:	Not Reported
Well type :	MONITOR		
Dlic num:	175		
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	NO CASING CODE LISTED	Drill log:	Not Reported
Pump type:	NO PUMP CODE LISTED	Cadastral:	D13013006BBB
Pump power:	NO POWER CODE LISTED	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	N		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	6		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	494161.3		
Utm y mete:	3577761		
Applicatio:	6/6/1996 12:00:00 AM	Site id:	AZ7000000040272

**O64
East
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000040273

Program:	55	Registry i:	558222
Owner name:	CIRCLE K STORES 946,	Welltype:	MONITOR OR PIEZOMETER
Rgr pump d:	NO		
Well type :	MONITOR		
Dlic num:	175	Installed:	Not Reported
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED	Drill log:	Not Reported
Pump type:	NO PUMP CODE LISTED	Cadastral:	D13013006BBB
Pump power:	NO POWER CODE LISTED	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	N		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	6		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 494161.3
 Utm y mete: 3577761
 Applicatio: 6/6/1996 12:00:00 AM Site id: AZ7000000040273

O65
East
1/2 - 1 Mile
Higher

FED USGS USGS3031277

Agency cd: USGS	Site no: 322012111034101	
Site name: D-13-13 06BBB		
Latitude: 322012	EDR Site id: USGS3031277	
Longitude: 1110341	Dec lat: 32.3367408	
Dec lon: -111.06204338	Coor meth: M	
Coor accr: F	Latlong datum: NAD27	
Dec latlong datum: NAD83	District: 04	
State: 04	County: 019	
Country: US	Land net: NWNWNWS06 T13S R13E G	
Location map: JAYNES	Map scale: 24000	
Altitude: 2205.00		
Altitude method: Interpolated from topographic map		
Altitude accuracy: 5.		
Altitude datum: National Geodetic Vertical Datum of 1929		
Hydrologic: Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic: Valley flat		
Site type: Ground-water other than Spring	Date construction: Not Reported	
Date inventoried: Not Reported	Mean greenwich time offset: MST	
Local standard time flag: N		
Type of ground water site: Single well, other than collector or Ranney type		
Aquifer Type: Not Reported		
Aquifer: Not Reported		
Well depth: 82.0	Hole depth: 82.0	
Source of depth data: Not Reported		
Project number: USC		
Real time data flag: 0	Daily flow data begin date: 0000-00-00	
Daily flow data end date: 0000-00-00	Daily flow data count: 0	
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00	
Peak flow data count: 0	Water quality data begin date: 0000-00-00	
Water quality data end date: 0000-00-00	Water quality data count: 0	
Ground water data begin date: 1939-09-13	Ground water data end date: 1942-03-05	
Ground water data count: 5		

Ground-water levels, Number of Measurements: 5

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1942-03-05	75.62		1941-02-05	73.66	
1940-02-20	73.26		1939-12-30	73.66	
1939-09-13	73.74				

66
WNW
1/2 - 1 Mile
Lower

AZ WELLS AZ7000000040346

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Program:	55	Registry i:	520134
Owner name:	PIMA COUNTY WASTEWTR,		
Rgr pump d:	NO	Welltype:	MONITOR OR PIEZOMETER
Well type :	MONITOR		
Dlic num:	342		
Approved:	Not Reported	Installed:	3/19/1988 12:00:00 AM
Well depth:	140		
Water leve:	88		
Casing dep:	130		
Casing dia:	0		
Casing typ:	PLASTIC OR PVC		
Pump type:	SUBMERSIBLE		
Pump power:	ELECTRIC MOTOR 1 - 5 HP		
Pumprate:	33		
Testedrate:	81		
Draw down:	6		
Completion:	X	Drill log:	X
Well cance:	Not Reported	Cadastral:	D12012035DDD
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	35		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	D	Qacre10dir:	SE
Utm x mete:	492343.4		
Utm y mete:	3577961		
Applicatio:	1/22/1988 12:00:00 AM	Site id:	AZ7000000040346

67
South
1/2 - 1 Mile
Lower

AZ WELLS AZ7000000039945

Program:	55	Registry i:	503352
Owner name:	PIMA COUNTY,		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	127		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	Not Reported
Well cance:	Y	Cadastral:	D13012001CAD
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	D	Qacre10dir:	SE
Utm x mete:	493165.7		
Utm y mete:	3576764		
Applicatio:	6/24/1982 12:00:00 AM	Site id:	AZ7000000039945

**P68
ENE
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000040343

Program:	55	Registry i:	570914
Owner name:	CONOCO PHILLIPS COMPANY		
Rgr pump d:	NO	Welltype:	GEOTECHNICAL
Well type :	OTHER		
Dlic num:	78		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	Not Reported		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Y	Cadastral:	D12013031CCC
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	31		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	C	Qacre10dir:	SW
Utm x mete:	494155.9		
Utm y mete:	3577959		
Applicatio:	9/15/1998 12:00:00 AM	Site id:	AZ7000000040343

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

P69
ENE
1/2 - 1 Mile
Higher

AZ WELLS AZ7000000040344

Program:	55	Registry i:	619849
Owner name:	TUCSON, CITY OF		
Rgr pump d:	YES	Welltype:	NON-EXEMPT
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	9/1/1983 12:00:00 AM
Well depth:	527		
Water leve:	117		
Casing dep:	525		
Casing dia:	12		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	680		
Testedrate:	458		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12013031CCC
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	31		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	C	Qacre10dir:	SW
Utm x mete:	494155.9		
Utm y mete:	3577959		
Applicatio:	6/9/1982 12:00:00 AM	Site id:	AZ7000000040344

Q70
North
1/2 - 1 Mile
Lower

AZ WELLS AZ7000000040603

Program:	55	Registry i:	555786
Owner name:	WASTE MGMT-TUCSON,		
Rgr pump d:	NO	Welltype:	EXPLORATION
Well type :	OTHER		
Dlic num:	473		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	NO CASING CODE LISTED	Drill log:	Not Reported
Pump type:	NO PUMP CODE LISTED	Cadastral:	D12012036000
Pump power:	NO POWER CODE LISTED	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	N		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	0	Qacre160di:	Not Reported
Quarter 40:	0	Qacre40dir:	Not Reported
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493249		
Utm y mete:	3578662		
Applicatio:	4/9/1996 12:00:00 AM	Site id:	AZ7000000040603

Q71
North
1/2 - 1 Mile
Lower

AZ WELLS AZ7000000040602

Program:	55	Registry i:	522302
Owner name:	GALLAS-KENTON PROPERTIES CO, LLC	Welltype:	EXPLORATION
Rgr pump d:	NO		
Well type :	OTHER		
Dlic num:	269		
Approved:	Not Reported	Installed:	9/20/1988 12:00:00 AM
Well depth:	40		
Water leve:	37		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	X
Well cance:	Not Reported	Cadastral:	D12012036000
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	0	Qacre160di:	Not Reported
Quarter 40:	0	Qacre40dir:	Not Reported
Quarter 10:	0	Qacre10dir:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 493249
 Utm y mete: 3578662
 Applicatio: 9/12/1988 12:00:00 AM Site id: AZ7000000040602

Q72
North
1/2 - 1 Mile
Lower

AZ WELLS AZ7000000040605

Program:	55	Registry i:	911836
Owner name:	ARIZONA DEPARTMENT OF TRANSPORTATION, ATTN: KARIN WALSH		
Rgr pump d:	NO	Welltype:	GEOTECHNICAL
Well type :	OTHER		
Dlic num:	498		
Approved:	3/18/2010 2:43:57 PM	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	Not Reported		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036000
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	0	Qacre160di:	Not Reported
Quarter 40:	0	Qacre40dir:	Not Reported
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493249		
Utm y mete:	3578662		
Applicatio:	3/18/2010 2:43:57 PM	Site id:	AZ7000000040605

Q73
North
1/2 - 1 Mile
Lower

AZ WELLS AZ7000000040604

Program:	55	Registry i:	640139
Owner name:	LARRY PULLMAN		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	5/1/1979 12:00:00 AM
Well depth:	220		
Water leve:	168		
Casing dep:	220		
Casing dia:	6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	15		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036000
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	0	Qacre160di:	Not Reported
Quarter 40:	0	Qacre40dir:	Not Reported
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493249		
Utm y mete:	3578662		
Applicatio:	7/16/1982 12:00:00 AM	Site id:	AZ7000000040604

**74
NW
1/2 - 1 Mile
Lower**

FED USGS USGS3031300

Agency cd:	USGS	Site no:	322031111044201
Site name:	D-12-12 36CBC	EDR Site id:	USGS3031300
Latitude:	322033	Dec lat:	32.34257399
Longitude:	1110441	Coor meth:	M
Dec lon:	-111.07871067	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	SWNWSWS36 T12S R12E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2170.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19740621
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	362	Hole depth:	362
Source of depth data:	driller		
Project number:	USC		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1971-06-24
 Ground water data count: 1

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1971-06-24

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
----- 1971-06-24	118.00	

R75
NE
1/2 - 1 Mile
Higher

AZ WELLS AZ7000000040518

Program:	55	Registry i:	634858
Owner name:	BLAZZARD,N J		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	1/1/1968 12:00:00 AM
Well depth:	220		
Water leve:	90		
Casing dep:	220		
Casing dia:	8		
Casing typ:	OTHER - BLACK STEEL - IRON - SEAMLESS		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	35		
Testedrate:	35		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036DA0
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493855.8		
Utm y mete:	3578463		
Applicatio:	5/25/1982 12:00:00 AM	Site id:	AZ7000000040518

R76
NE
1/2 - 1 Mile
Higher

AZ WELLS AZ7000000040517

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Program:	55	Registry i:	601646
Owner name:	M ANNE DAVIS		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	8/15/1980 12:00:00 AM
Well depth:	240		
Water leve:	114		
Casing dep:	240		
Casing dia:	6		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	34		
Testedrate:	34		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036DA0
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493855.8		
Utm y mete:	3578463		
Applicatio:	1/14/1982 12:00:00 AM	Site id:	AZ7000000040517

**R77
NE
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000040520

Program:	55	Registry i:	636681
Owner name:	ENGELMANN, JIMMIE,E		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	1/1/1964 12:00:00 AM
Well depth:	200		
Water leve:	0		
Casing dep:	0		
Casing dia:	6		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036DA0
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493855.8		
Utm y mete:	3578463		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000040520

**R78
NE
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000040519

Program:	55	Registry i:	638497
Owner name:	DAVIS,E H	Welltype:	EXEMPT
Rgr pump d:	NO		
Well type :	EXEMPT		
Dlic num:	0	Installed:	Not Reported
Approved:	Not Reported		
Well depth:	190		
Water leve:	0		
Casing dep:	0		
Casing dia:	6		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	35		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036DA0
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493855.8		
Utm y mete:	3578463		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000040519

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

M79
West
1/2 - 1 Mile
Lower

FED USGS USGS3031279

Agency cd:	USGS	Site no:	322012111044901
Site name:	D-13-12 02AAB2		
Latitude:	322012	EDR Site id:	USGS3031279
Longitude:	1110454	Dec lat:	32.33674076
Dec lon:	-111.08232164	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	04	County:	019
Country:	US	Land net:	NWNENES02 T13S R12E G
Location map:	JAYNES	Map scale:	24000
Altitude:	2166.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	195301
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	300	Hole depth:	300
Source of depth data:	driller		
Project number:	USC		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1953-01-29	Ground water data end date:	1987-12-02
Ground water data count:	16		

Ground-water levels, Number of Measurements: 16

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1987-12-02	82.30		1984-01-04	59.50	
1981-12-29	78.6		1965-01-27	68.22	
1964-01-21	71.83		1963-01-21	68.81	
1962-01-17	71.34		1961-01-20	68.31	
1960-01-21	71.38		1959-01-21	69.94	
1958-01-20	73.25		1957-01-25	71.48	
1956-01-23	67.05		1955-01-21	65.46	
1954-01-21	69.07		1953-01-29	65.63	

S80
NNE
1/2 - 1 Mile
Higher

AZ WELLS AZ7000000040575

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Program:	55	Registry i:	521700
Owner name:	REYES, VIOLA,	Welltype:	DOMESTIC STOCK EXEMPT
Rgr pump d:	NO	Installed:	Not Reported
Well type :	EXEMPT		
Dlic num:	406		
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Y	Cadastral:	D12012036DAB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	493754.6		
Utm y mete:	3578563		
Applicatio:	7/5/1988 12:00:00 AM	Site id:	AZ7000000040575

**S81
NNE
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000040576

Program:	55	Registry i:	801005
Owner name:	O BRIEN,M J	Welltype:	NON-EXEMPT
Rgr pump d:	YES	Installed:	1/1/1940 12:00:00 AM
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	250		
Water leve:	180		
Casing dep:	0		
Casing dia:	8		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	106		
Testedrate:	106		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036DAB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Whole town: 12
 Half towns: 0
 Northsouth: S
 Whole rang: 12
 Half range: 0
 Eastwest: E
 Section: 36
 Quarter 16: D Qacre160di: SE
 Quarter 40: A Qacre40dir: NE
 Quarter 10: B Qacre10dir: NW
 Utm x mete: 493754.6
 Utm y mete: 3578563
 Applicatio: 10/24/1983 12:00:00 AM Site id: AZ7000000040576

T82
SW
1/2 - 1 Mile
Lower

FED USGS USGS3031249

Agency cd: USGS	Site no: 321948111044601	
Site name: D-13-12 02DAA		
Latitude: 321948	EDR Site id: USGS3031249	
Longitude: 1110446	Dec lat: 32.33007423	
Dec lon: -111.08009911	Coor meth: M	
Coor accr: F	Latlong datum: NAD27	
Dec latlong datum: NAD83	District: 04	
State: 04	County: 019	
Country: US	Land net: NENESES02 T13S R12E G	
Location map: JAYNES	Map scale: 24000	
Altitude: 2185.00		
Altitude method: Level or other surveying method		
Altitude accuracy: 2		
Altitude datum: National Geodetic Vertical Datum of 1929		
Hydrologic: Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic: Alluvial or marine terrace		
Site type: Ground-water other than Spring	Date construction: 19590401	
Date inventoried: Not Reported	Mean greenwich time offset: MST	
Local standard time flag: N		
Type of ground water site: Single well, other than collector or Ranney type		
Aquifer Type: Not Reported		
Aquifer: Not Reported		
Well depth: 300	Hole depth: 300	
Source of depth data: Not Reported		
Project number: USC		
Real time data flag: 0	Daily flow data begin date: 0000-00-00	
Daily flow data end date: 0000-00-00	Daily flow data count: 0	
Peak flow data begin date: 0000-00-00	Peak flow data end date: 0000-00-00	
Peak flow data count: 0	Water quality data begin date: 0000-00-00	
Water quality data end date: 0000-00-00	Water quality data count: 0	
Ground water data begin date: 1960-01-21	Ground water data end date: 1971-02-11	
Ground water data count: 10		

Ground-water levels, Number of Measurements: 10

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1971-02-11	75.05		1969-01-29	74.27	
1968-01-31	69.67		1967-01-20	72.47	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1965-01-27	75.16		1964-01-21	77.58	
1963-01-21	77.59		1962-01	80.51	
1961-01-20	79.29		1960-01-21	73.56	

**P83
ENE
1/2 - 1 Mile
Higher**

FED USGS USGS3031295

Agency cd:	USGS	Site no:	322025111033101
Site name:	D-12-13 31CCD	EDR Site id:	USGS3031295
Latitude:	322020	Dec lat:	32.33896298
Longitude:	1110338	Coor meth:	M
Dec lon:	-111.06121012	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	SESWSWS31 T12S R13W G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2210.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	197210
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	300	Hole depth:	300
Source of depth data:	driller		
Project number:	USC		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1981-12-28	Water quality data count:	0
Ground water data count:	9	Ground water data end date:	1991-12-16

Ground-water levels, Number of Measurements: 9

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1991-12-16	119.83		1990-12-21	125.55	
1987-12-28	119.10		1986-12-18	114.30	
1985-12-13	106.10		1985-01-04	102.10	
1984-01-18	105.60		1982-12-01	120.10	
1981-12-28	116.8				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

U84
West
1/2 - 1 Mile
Lower

FED USGS USGS3031272

Agency cd:	USGS	Site no:	322011111045401
Site name:	D-13-12 02AAB1	EDR Site id:	USGS3031272
Latitude:	322011	Dec lat:	32.33646299
Longitude:	1110456	Coor meth:	M
Dec lon:	-111.0828772	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	NWNENES02 T13S R12E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2168.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	1.		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	1948
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	150	Hole depth:	150
Source of depth data:	other government (other than USGS)		
Project number:	USC		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1948-02-17	Ground water data end date:	1954-01-21
Ground water data count:	7		

Ground-water levels, Number of Measurements: 7

Date	Feet below Surface	Feet to Sealevel		Date	Feet below Surface	Feet to Sealevel
1954-01-21	70.51			1953-01-29	67.78	
1952-01-28	66.77			1951-02-12	68.22	
1950-01-26	69.76			1949-02-01	68.31	
1948-02-17	65.20					

Q85
North
1/2 - 1 Mile
Lower

FED USGS USGS3031311

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	322044111041901
Site name:	D-12-12 36BDD		
Latitude:	322044	EDR Site id:	USGS3031311
Longitude:	1110419	Dec lat:	32.3456295
Dec lon:	-111.07259955	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	04	County:	019
Country:	US	Land net:	SESENWS36 T12S R12E G
Location map:	JAYNES	Map scale:	24000
Altitude:	2179.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	010		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	400	Hole depth:	400
Source of depth data:	Not Reported		
Project number:	USC		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

**V86
North
1/2 - 1 Mile
Lower**

AZ WELLS AZ7000000040638

Program:	55	Registry i:	548491
Owner name:	LA FARGE BUILDING MATERIALS INC		
Rgr pump d:	NO	Welltype:	MONITOR OR PIEZOMETER
Well type :	MONITOR		
Dlic num:	473		
Approved:	Not Reported	Installed:	5/1/1995 12:00:00 AM
Well depth:	110		
Water leve:	55		
Casing dep:	50		
Casing dia:	4		
Casing typ:	PLASTIC OR PVC		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	A	Drill log:	X
Well cance:	Y	Cadastral:	D12012036ACC
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	C	Qacre10dir:	SW
Utm x mete:	493350.3		
Utm y mete:	3578763		
Applicatio:	4/13/1995 12:00:00 AM	Site id:	AZ7000000040638

**V87
North
1/2 - 1 Mile
Lower**

AZ WELLS AZ7000000040637

Program:	55	Registry i:	528448
Owner name:	LA FARGE BUILDING MATERIALS INC		
Rgr pump d:	NO	Welltype:	MONITOR OR PIEZOMETER
Well type :	MONITOR		
Dlic num:	473		
Approved:	Not Reported	Installed:	8/8/1990 12:00:00 AM
Well depth:	120		
Water leve:	95		
Casing dep:	120		
Casing dia:	4		
Casing typ:	PLASTIC OR PVC		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	A	Drill log:	X
Well cance:	Y	Cadastral:	D12012036ACC
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	C	Qacre10dir:	SW
Utm x mete:	493350.3		
Utm y mete:	3578763		
Applicatio:	6/12/1990 12:00:00 AM	Site id:	AZ7000000040637

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

V88
North
1/2 - 1 Mile
Lower

AZ WELLS AZ7000000040640

Program:	55	Registry i:	800534
Owner name:	BRIGGS, DORIS,		
Rgr pump d:	YES	Welltype:	NON-EXEMPT
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	60		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036ACC
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	C	Qacre10dir:	SW
Utm x mete:	493350.3		
Utm y mete:	3578763		
Applicatio:	6/10/1983 12:00:00 AM	Site id:	AZ7000000040640

V89
North
1/2 - 1 Mile
Lower

AZ WELLS AZ7000000040639

Program:	55	Registry i:	548492
Owner name:	LA FARGE BUILDING MATERIALS INC		
Rgr pump d:	NO	Welltype:	MONITOR OR PIEZOMETER
Well type :	MONITOR		
Dlic num:	473		
Approved:	Not Reported	Installed:	5/2/1995 12:00:00 AM
Well depth:	110		
Water leve:	55		
Casing dep:	50		
Casing dia:	4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	PLASTIC OR PVC	Drill log:	X
Pump type:	NO PUMP CODE LISTED	Cadastral:	D12012036ACC
Pump power:	NO POWER CODE LISTED	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	A		
Well cance:	Y		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	C	Qacre10dir:	SW
Utm x mete:	493350.3		
Utm y mete:	3578763		
Applicatio:	4/13/1995 12:00:00 AM	Site id:	AZ7000000040639

**V90
North
1/2 - 1 Mile
Lower**

FED USGS USGS3031312

Agency cd:	USGS	Site no:	322045111041201
Site name:	D-12-12 36ACC	EDR Site id:	USGS3031312
Latitude:	322045	Dec lat:	32.34590728
Longitude:	1110412	Coor meth:	M
Dec lon:	-111.07065507	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	SWSWNES36 T12S R12E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2183.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	197006
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	220	Hole depth:	220
Source of depth data:	other reported		
Project number:	USC		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

U91
West
1/2 - 1 Mile
Lower

AZ WELLS AZ7000000040263

Program:	55	Registry i:	619283
Owner name:	INA & SILVERBELLI,	Welltype:	NON-EXEMPT
Rgr pump d:	NO	Installed:	Not Reported
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	35		
Testedrate:	35		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13012002AAB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	2		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492148.3		
Utm y mete:	3577762		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000040263

92
East
1/2 - 1 Mile
Higher

FED USGS USGS3031276

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	322012111033401
Site name:	D-13-13 06BBA	EDR Site id:	USGS3031276
Latitude:	322012	Dec lat:	32.3367408
Longitude:	1110334	Coor meth:	M
Dec lon:	-111.06009889	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	NENWNWS06 T13S R13E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2210.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	010		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	355	Hole depth:	355
Source of depth data:	other reported		
Project number:	USC		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1960-01-00	Water quality data count:	0
Ground water data count:	2	Ground water data end date:	1960-01-01

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
-----	-----	-----	-----	-----	-----
1960-01-01	106.24		1960-01	106.24	

**93
SSE
1/2 - 1 Mile
Lower**

FED USGS USGS3031416

Agency cd:	USGS	Site no:	321939111040301
Site name:	D-13-12 01DAC	EDR Site id:	USGS3031416
Latitude:	321939	Dec lat:	32.32757429
Longitude:	1110355	Coor meth:	M
Dec lon:	-111.06593199	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	SWNESES01 T13S R12E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2187.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	1.		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	192307
Date inventoried:	Not Reported	Mean greenwich time offset:	MST

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 492544.8
 Utm y mete: 3578563
 Applicatio: 7/6/1999 12:00:00 AM Site id: AZ7000000040565

**W95
 NW
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040566

Program:	55	Registry i:	576083
Owner name:	LA FARGE BUILDING MATERIALS INC		
Rgr pump d:	NO	Welltype:	MONITOR
Well type :	MONITOR		
Dlic num:	78		
Approved:	7/14/1999 12:00:00 AM	Installed:	10/18/1999 12:00:00 AM
Well depth:	129		
Water leve:	90		
Casing dep:	80		
Casing dia:	4		
Casing typ:	PLASTIC OR PVC		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	A	Drill log:	X
Well cance:	Y	Cadastral:	D12012036CBB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492544.8		
Utm y mete:	3578563		
Applicatio:	7/6/1999 12:00:00 AM	Site id:	AZ7000000040566

**W96
 NW
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040567

Program:	55	Registry i:	576084
Owner name:	LA FARGE BUILDING MATERIALS INC		
Rgr pump d:	NO	Welltype:	MONITOR
Well type :	MONITOR		
Dlic num:	78		
Approved:	7/14/1999 12:00:00 AM	Installed:	10/11/1999 12:00:00 AM
Well depth:	81		
Water leve:	0		
Casing dep:	80		
Casing dia:	4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	PLASTIC OR PVC	Drill log:	X
Pump type:	Not Reported	Cadastral:	D12012036CBB
Pump power:	Not Reported	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	A		
Well cance:	Y		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492544.8		
Utm y mete:	3578563		
Applicatio:	7/6/1999 12:00:00 AM	Site id:	AZ7000000040567

**W97
NW
1/2 - 1 Mile
Lower**

AZ WELLS AZ7000000040564

Program:	55	Registry i:	571071
Owner name:	LA FARGE BUILDING MATERIALS INC		
Rgr pump d:	NO	Welltype:	MONITOR
Well type :	MONITOR		
Dlic num:	78		
Approved:	11/3/1998 12:00:00 AM	Installed:	11/10/1998 12:00:00 AM
Well depth:	130		
Water leve:	89		
Casing dep:	125		
Casing dia:	4		
Casing typ:	PLASTIC OR PVC		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	A	Drill log:	X
Well cance:	Y	Cadastral:	D12012036CBB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 492544.8
 Utm y mete: 3578563
 Applicatio: 9/29/1998 12:00:00 AM Site id: AZ7000000040564

**W98
 NW
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040561

Program:	55	Registry i:	528447
Owner name:	LA FARGE BUILDING MATERIALS INC		
Rgr pump d:	NO	Welltype:	MONITOR OR PIEZOMETER
Well type :	MONITOR		
Dlic num:	473		
Approved:	Not Reported	Installed:	8/8/1990 12:00:00 AM
Well depth:	120		
Water leve:	95		
Casing dep:	110		
Casing dia:	4		
Casing typ:	PLASTIC OR PVC		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	A	Drill log:	X
Well cance:	Y	Cadastral:	D12012036CBB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492544.8		
Utm y mete:	3578563		
Applicatio:	6/14/1990 12:00:00 AM	Site id:	AZ7000000040561

**W99
 NW
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040562

Program:	55	Registry i:	571069
Owner name:	LA FARGE BUILDING MATERIALS INC		
Rgr pump d:	NO	Welltype:	MONITOR
Well type :	MONITOR		
Dlic num:	78		
Approved:	11/3/1998 12:00:00 AM	Installed:	11/12/1998 12:00:00 AM
Well depth:	130		
Water leve:	89		
Casing dep:	125		
Casing dia:	4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	PLASTIC OR PVC	Drill log:	X
Pump type:	Not Reported	Cadastral:	D12012036CBB
Pump power:	Not Reported	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	A		
Well cancel:	Y		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492544.8		
Utm y mete:	3578563		
Applicatio:	9/29/1998 12:00:00 AM	Site id:	AZ7000000040562

**W100
NW
1/2 - 1 Mile
Lower**

AZ WELLS AZ7000000040563

Program:	55	Registry i:	571070
Owner name:	LA FARGE BUILDING MATERIALS INC		
Rgr pump d:	NO	Welltype:	MONITOR
Well type :	MONITOR		
Dlic num:	78		
Approved:	11/3/1998 12:00:00 AM	Installed:	11/11/1998 12:00:00 AM
Well depth:	130		
Water leve:	90		
Casing dep:	125		
Casing dia:	4		
Casing typ:	PLASTIC OR PVC		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	A	Drill log:	X
Well cancel:	Y	Cadastral:	D12012036CBB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 492544.8
 Utm y mete: 3578563
 Applicatio: 9/29/1998 12:00:00 AM Site id: AZ7000000040563

**W101
 NW
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040572

Program:	55	Registry i:	620941
Owner name:	GALLAS-KENTON PROPERTIES CO, LLC		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036CBB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492544.8		
Utm y mete:	3578563		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000040572

**W102
 NW
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040573

Program:	55	Registry i:	902341
Owner name:	Not Reported		
Rgr pump d:	NO	Welltype:	MONITOR
Well type :	MONITOR		
Dlic num:	498		
Approved:	6/7/2005 1:53:15 PM	Installed:	7/5/2005 12:00:00 AM
Well depth:	150		
Water leve:	126		
Casing dep:	150		
Casing dia:	4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	PLASTIC OR PVC	Drill log:	X
Pump type:	Not Reported	Cadastral:	D12012036CBB
Pump power:	Not Reported	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	A		
Well cancel:	Y		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492544.8		
Utm y mete:	3578563		
Applicatio:	6/7/2005 1:53:15 PM	Site id:	AZ7000000040573

**W103
NW
1/2 - 1 Mile
Lower**

AZ WELLS AZ7000000040574

Program:	55	Registry i:	902343
Owner name:	LA FARGE BUILDING MATERIALS, ATTN: JOHN RICHARDSON		
Rgr pump d:	NO	Welltype:	GEOTECHNICAL
Well type :	OTHER		
Dlic num:	498		
Approved:	6/7/2005 2:08:55 PM	Installed:	7/5/2005 12:00:00 AM
Well depth:	120		
Water leve:	116		
Casing dep:	0		
Casing dia:	6		
Casing typ:	Not Reported		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	A	Drill log:	X
Well cancel:	Y	Cadastral:	D12012036CBB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 492544.8
 Utm y mete: 3578563
 Applicatio: 6/7/2005 2:08:55 PM Site id: AZ7000000040574

**W104
 NW
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040571

Program:	55	Registry i:	620940
Owner name:	SHETLAND PROPERTIES CO LLC		
Rgr pump d:	YES	Welltype:	NON-EXEMPT
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	1000		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036CBB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492544.8		
Utm y mete:	3578563		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000040571

**W105
 NW
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040568

Program:	55	Registry i:	576085
Owner name:	LA FARGE BUILDING MATERIALS INC		
Rgr pump d:	NO	Welltype:	MONITOR
Well type :	MONITOR		
Dlic num:	78		
Approved:	7/14/1999 12:00:00 AM	Installed:	10/20/1999 12:00:00 AM
Well depth:	129		
Water leve:	90		
Casing dep:	80		
Casing dia:	1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	PLASTIC OR PVC	Drill log:	X
Pump type:	Not Reported	Cadastral:	D12012036CBB
Pump power:	Not Reported	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	A		
Well cance:	Y		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492544.8		
Utm y mete:	3578563		
Applicatio:	7/6/1999 12:00:00 AM	Site id:	AZ7000000040568

**W106
NW
1/2 - 1 Mile
Lower**

AZ WELLS AZ7000000040569

Program:	55	Registry i:	579720
Owner name:	Not Reported	Welltype:	NON-SERVICE
Rgr pump d:	NO		
Well type :	NON-EXEMPT	Installed:	Not Reported
Dlic num:	0		
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	Not Reported	Drill log:	Not Reported
Pump type:	Not Reported	Cadastral:	D12012036CBB
Pump power:	Not Reported	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	Not Reported		
Well cance:	Y		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 492544.8
 Utm y mete: 3578563
 Applicatio: 4/25/2000 12:00:00 AM Site id: AZ7000000040569

**W107
 NW
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040570

Program:	55	Registry i:	581120
Owner name:	CEMEX		
Rgr pump d:	NO	Welltype:	NON-EXEMPT
Well type :	NON-EXEMPT		
Dlic num:	323		
Approved:	5/31/2000 12:00:00 AM	Installed:	5/2/2001 12:00:00 AM
Well depth:	400		
Water leve:	110		
Casing dep:	400		
Casing dia:	12		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	X
Well cance:	Not Reported	Cadastral:	D12012036CBB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492544.8		
Utm y mete:	3578563		
Applicatio:	5/31/2000 12:00:00 AM	Site id:	AZ7000000040570

**X108
 NE
 1/2 - 1 Mile
 Higher**

FED USGS USGS3031307

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	322039111035101
Site name:	D-12-12 36DAA2		
Latitude:	322039	EDR Site id:	USGS3031307
Longitude:	1110351	Dec lat:	32.34424066
Dec lon:	-111.06482154	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	04	County:	019
Country:	US	Land net:	NENESES36 T12S R12E G
Location map:	JAYNES	Map scale:	24000
Altitude:	2196.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	19720314
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	345	Hole depth:	345
Source of depth data:	Not Reported		
Project number:	USC		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1972-03-17	Ground water data end date:	1972-03-17
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1972-03-17	99.00	

**X109
NE
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000040577

Program:	55	Registry i:	638938
Owner name:	RAMON & VALENTINA DIAZ		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	7/5/1957 12:00:00 AM
Well depth:	200		
Water leve:	0		
Casing dep:	0		
Casing dia:	6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	NO CASING CODE LISTED	Drill log:	Not Reported
Pump type:	NO PUMP CODE LISTED	Cadastral:	D12012036DAA
Pump power:	NO POWER CODE LISTED	Watershed:	SANTA CRUZ RIVER
Pumprate:	32	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	32	Quad code:	D
Draw down:	0		
Completion:	Not Reported		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	493955.6		
Utm y mete:	3578563		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000040577

**X110
NE
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000040578

Program:	55	Registry i:	808970
Owner name:	SOPHIA CANELLIS	Welltype:	EXEMPT
Rgr pump d:	NO		
Well type :	EXEMPT		
Dlic num:	587	Installed:	1/1/1972 12:00:00 AM
Approved:	5/10/2006 12:00:00 AM		
Well depth:	320		
Water leve:	228		
Casing dep:	300		
Casing dia:	5		
Casing typ:	PLASTIC OR PVC		
Pump type:	Not Reported	Drill log:	X
Pump power:	Not Reported	Cadastral:	D12012036DAA
Pumprate:	0	Watershed:	SANTA CRUZ RIVER
Testedrate:	0	Subbasin n:	UPPER SANTA CRUZ
Draw down:	0	Quad code:	D
Completion:	Not Reported		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	A	Qacre10dir:	NE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 493955.6
 Utm y mete: 3578563
 Applicatio: 5/9/2006 12:00:00 AM Site id: AZ7000000040578

**111
 WNW
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040345

Program:	55	Registry i:	620939
Owner name:	SHETLAND PROPERTIES CO, LLC		
Rgr pump d:	NO	Welltype:	NON-EXEMPT
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012035DDC
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	35		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	C	Qacre10dir:	SW
Utm x mete:	492144.2		
Utm y mete:	3577961		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000040345

**T112
 SW
 1/2 - 1 Mile
 Higher**

AZ WELLS AZ7000000040020

Program:	55	Registry i:	625446
Owner name:	LOGAN HILLS WATER LLC		
Rgr pump d:	YES	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	89		
Approved:	7/20/1999 12:00:00 AM	Installed:	1/1/1950 12:00:00 AM
Well depth:	282		
Water leve:	73		
Casing dep:	276		
Casing dia:	8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	75		
Testedrate:	75		
Draw down:	0		
Completion:	A	Drill log:	Not Reported
Well cance:	Y	Cadastral:	D13012002DAA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	2		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	492367.5		
Utm y mete:	3576967		
Applicatio:	6/9/1982 12:00:00 AM	Site id:	AZ7000000040020

**T113
SW
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000040021

Program:	55	Registry i:	633759
Owner name:	MARSHALL,R H	Welltype:	EXEMPT
Rgr pump d:	NO		
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	5/15/1978 12:00:00 AM
Well depth:	280		
Water leve:	118		
Casing dep:	280		
Casing dia:	6		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	20		
Testedrate:	20		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13012002DAA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	2		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	A	Qacre10dir:	NE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 492367.5
 Utm y mete: 3576967
 Applicatio: 5/17/1982 12:00:00 AM Site id: AZ7000000040021

X114
NE
1/2 - 1 Mile
Higher

FED USGS USGS3031306

Agency cd:	USGS	Site no:	322039111034701
Site name:	D-12-12 36DAA1	EDR Site id:	USGS3031306
Latitude:	322039	Dec lat:	32.34424066
Longitude:	1110347	Coor meth:	M
Dec lon:	-111.0637104	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	NENESES36 T12S R12E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2198.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	196909
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	200	Hole depth:	200
Source of depth data:	driller		
Project number:	USC		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1969-09-01	Ground water data end date:	1969-09-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1969-09-01	125.00	

115
North
1/2 - 1 Mile
Higher

AZ WELLS AZ7000000040672

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Program:	55	Registry i:	635955
Owner name:	LIDDIARD,J R		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	4/13/1976 12:00:00 AM
Well depth:	221		
Water leve:	130		
Casing dep:	218		
Casing dia:	8		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	30		
Testedrate:	30		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036AC0
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493450.1		
Utm y mete:	3578864		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000040672

**Y116
SE
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000039944

Program:	55	Registry i:	535955
Owner name:	PIMA COUNTY,		
Rgr pump d:	NO	Welltype:	MONITOR OR PIEZOMETER
Well type :	MONITOR		
Dlic num:	473		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	Not Reported
Well cance:	Y	Cadastral:	D13012001DAD
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	D	Qacre10dir:	SE
Utm x mete:	493963.9		
Utm y mete:	3576760		
Applicatio:	7/21/1992 12:00:00 AM	Site id:	AZ7000000039944

117
NE
1/2 - 1 Mile
Higher

FED USGS USGS3031305

Agency cd:	USGS	Site no:	322038111034301
Site name:	D-12-13 31CBB		
Latitude:	322038	EDR Site id:	USGS3031305
Longitude:	1110343	Dec lat:	32.34396289
Dec lon:	-111.06259925	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	04	County:	019
Country:	US	Land net:	NWNWSWS31 T12S R13E G
Location map:	JAYNES	Map scale:	24000
Altitude:	2200.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19580806
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	250	Hole depth:	250
Source of depth data:	Not Reported		
Project number:	USC		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1958-08-06	Ground water data end date:	1958-08-06
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1958-08-06	118.00	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

Y118
SE
1/2 - 1 Mile
Higher

FED USGS USGS3031418

Agency cd:	USGS	Site no:	321940111034501
Site name:	D-13-12 01DAD	EDR Site id:	USGS3031418
Latitude:	321940	Dec lat:	32.32785207
Longitude:	1110345	Coor meth:	M
Dec lon:	-111.06315415	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	SENESES01 T13S R12E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2200.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	1954
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	120	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	USC		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

119
North
1/2 - 1 Mile
Lower

AZ WELLS AZ7000000040709

Program:	55	Registry i:	219993
Owner name:	JOHN BOLTON	Welltype:	EXEMPT
Rgr pump d:	NO		
Well type :	EXEMPT		
Dlic num:	323	Installed:	9/15/2010 12:00:00 AM
Approved:	7/13/2010 12:00:00 AM		
Well depth:	290		
Water leve:	150		
Casing dep:	280		
Casing dia:	8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	SUBMERSIBLE		
Pump power:	ELECTRIC MOTOR 1 - 5 HP		
Pumprate:	20		
Testedrate:	20		
Draw down:	0		
Completion:	X	Drill log:	X
Well cance:	Not Reported	Cadastral:	D12012036ACB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	493348.9		
Utm y mete:	3578964		
Applicatio:	7/13/2010 12:00:00 AM	Site id:	AZ7000000040709

**Z120
NNW
1/2 - 1 Mile
Lower**

AZ WELLS AZ7000000040635

Program:	55	Registry i:	548493
Owner name:	LA FARGE BUILDING MATERIALS INC		
Rgr pump d:	NO	Welltype:	MONITOR OR PIEZOMETER
Well type :	MONITOR		
Dlic num:	473		
Approved:	Not Reported	Installed:	5/3/1995 12:00:00 AM
Well depth:	110		
Water leve:	55		
Casing dep:	50		
Casing dia:	4		
Casing typ:	PLASTIC OR PVC		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	A	Drill log:	X
Well cance:	Y	Cadastral:	D12012036BCC
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	C	Qacre10dir:	SW

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 492544.4
 Utm y mete: 3578763
 Applicatio: 4/13/1995 12:00:00 AM Site id: AZ7000000040635

**Z121
 NNW
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040636

Program:	55	Registry i:	619295
Owner name:	AMCOR INVEST CORP,	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	Not Reported
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	35		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036BCC
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	C	Qacre10dir:	SW
Utm x mete:	492544.4		
Utm y mete:	3578763		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000040636

**AA122
 NE
 1/2 - 1 Mile
 Higher**

AZ WELLS AZ7000000040643

Program:	55	Registry i:	604842
Owner name:	CORTARO-MARANA IRRIG,	Welltype:	NON-EXEMPT
Rgr pump d:	YES	Installed:	1/1/1960 12:00:00 AM
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	400		
Water leve:	105		
Casing dep:	400		
Casing dia:	20		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	1350		
Testedrate:	1350		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036ADD
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	D	Qacre10dir:	SE
Utm x mete:	493953.8		
Utm y mete:	3578764		
Applicatio:	3/18/1982 12:00:00 AM	Site id:	AZ7000000040643

**AA123
NE
1/2 - 1 Mile
Higher**

FED USGS USGS3031309

Agency cd:	USGS	Site no:	322042111034501
Site name:	D-12-12 36ADD		
Latitude:	322042	EDR Site id:	USGS3031309
Longitude:	1110345	Dec lat:	32.34507398
Dec lon:	-111.06315487	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	04	County:	019
Country:	US	Land net:	SESENES36 T12S R12E G
Location map:	JAYNES	Map scale:	24000
Altitude:	2200.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	010		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19601227
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	400	Hole depth:	400
Source of depth data:	driller		
Project number:	USC		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 1965-12-07
 Ground water data begin date: 1982-01-27
 Ground water data count: 2

Water quality data begin date: 1965-12-07
 Water quality data count: 1
 Ground water data end date: 1987-12-01

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1987-12-01	118.50		1982-01-27	116.0	

**AB124
NW
1/2 - 1 Mile
Lower**

Site ID: 000662
 Groundwater Flow: N
 Shallowest Water Table Depth: Not Reported
 Deepest Water Table Depth: Not Reported
 Average Water Table Depth: Not Reported
 Date: 01/1990

AQUIFLOW 49446

**125
SW
1/2 - 1 Mile
Higher**

FED USGS USGS3031423

Agency cd:	USGS	Site no:	321946111045701
Site name:	D-13-12 02DAB	EDR Site id:	USGS3031423
Latitude:	321946	Dec lat:	32.32951868
Longitude:	1110457	Coor meth:	M
Dec lon:	-111.08315472	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	NWNESES02 T13S R12E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2228.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	1.		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19461028
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	164	Hole depth:	164
Source of depth data:	other government (other than USGS)		
Project number:	USC		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
Peak flow data count:	0	Peak flow data end date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data begin date:	0000-00-00
Ground water data begin date:	1947-10-06	Water quality data count:	0
Ground water data count:	22	Ground water data end date:	1969-01-29

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 22

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1969-01-29	119.11		1966-02-03	115.15	
1965-01-27	119.79		1964-01-21	124.94	
1963-01-21	124.79		1962-01-17	124.45	
1961-01	124.20		1960-01-21	120.40	
1959-01-26	123.53		1958-01-20	125.55	
1957-01-25	124.80		1956-01-22	119.25	
1955-01-24	118.00		1954-01-22	122.14	
1953-01-29	117.69		1952-01-28	117.05	
1951-02	118.11		1950-01-26	119.70	
1949-10-04	120.78		1949-02-01	117.55	
1948-02-17	114.26		1947-10-06	118.74	

**AC126
SE
1/2 - 1 Mile
Higher**

FED USGS USGS3031422

Agency cd:	USGS	Site no:	321945111033601
Site name:	D-13-13 06CBA	EDR Site id:	USGS3031422
Latitude:	321945	Dec lat:	32.32924094
Longitude:	1110336	Coor meth:	M
Dec lon:	-111.06065415	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	NENWSWS06 T13S R13E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2205.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	USC		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

127
NNW
1/2 - 1 Mile
Lower

FED USGS USGS3031319

Agency cd:	USGS	Site no:	322049111043701
Site name:	D-12-12 36BCA		
Latitude:	322049	EDR Site id:	USGS3031319
Longitude:	1110437	Dec lat:	32.34701836
Dec lon:	-111.07759971	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	04	County:	019
Country:	US	Land net:	NESWNWS36 T12S R12E G
Location map:	JAYNES	Map scale:	24000
Altitude:	2171.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	010		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	19700923
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	210	Hole depth:	210
Source of depth data:	Not Reported		
Project number:	USC		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1970-09-23	Ground water data end date:	1970-09-23
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1970-09-23	90.00	

128
East
1/2 - 1 Mile
Higher

AZ WELLS AZ7000000040173

Program:	55	Registry i:	600584
Owner name:	THE DOG PROPERTY LLC		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	172		
Water leve:	120		
Casing dep:	172		
Casing dia:	8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	23		
Testedrate:	0		
Draw down:	0		
Completion:	N	Drill log:	N
Well cance:	Not Reported	Cadastral:	D13013006BAC
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	6		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	C	Qacre10dir:	SW
Utm x mete:	494558		
Utm y mete:	3577558		
Applicatio:	10/22/1981 12:00:00 AM	Site id:	AZ7000000040173

**129
South
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000039800

Program:	55	Registry i:	209946
Owner name:	GILBERT KAYLOR	Welltype:	EXEMPT
Rgr pump d:	NO		
Well type :	EXEMPT		
Dlic num:	728	Installed:	Not Reported
Approved:	11/4/2005 12:00:00 AM		
Well depth:	250		
Water leve:	167		
Casing dep:	250		
Casing dia:	7		
Casing typ:	PLASTIC OR PVC		
Pump type:	Not Reported	Drill log:	X
Pump power:	Not Reported	Cadastral:	D13012001CDD
Pumprate:	0	Watershed:	SANTA CRUZ RIVER
Testedrate:	0	Subbasin n:	UPPER SANTA CRUZ
Draw down:	0	Quad code:	D
Completion:	Not Reported		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	1		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	D	Qacre10dir:	SE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 493170.7
 Utm y mete: 3576365
 Applicatio: 11/3/2005 12:00:00 AM Site id: AZ7000000039800

**AC130
 ESE
 1/2 - 1 Mile
 Higher**

AZ WELLS AZ7000000040012

Program:	55	Registry i:	639734
Owner name:	PIMA CNTY WASTEWATER,	Welltype:	EXEMPT
Rgr pump d:	YES	Installed:	Not Reported
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	0		
Water leve:	80		
Casing dep:	0		
Casing dia:	8		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	35		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13013006CBA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	6		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	494366.7		
Utm y mete:	3576959		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000040012

**AD131
 NNE
 1/2 - 1 Mile
 Higher**

AZ WELLS AZ7000000040710

Program:	55	Registry i:	575250
Owner name:	DONALD L SMITH	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	8/20/1999 12:00:00 AM
Well type :	EXEMPT		
Dlic num:	587		
Approved:	6/2/1999 12:00:00 AM		
Well depth:	256		
Water leve:	110		
Casing dep:	256		
Casing dia:	6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	PLASTIC OR PVC	Drill log:	X
Pump type:	Not Reported	Cadastral:	D12012036ADB
Pump power:	Not Reported	Watershed:	SANTA CRUZ RIVER
Pumprate:	18	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	20	Quad code:	D
Draw down:	40		
Completion:	X		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	493751.1		
Utm y mete:	3578964		
Applicatio:	5/24/1999 12:00:00 AM	Site id:	AZ7000000040710

**132
ESE
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000040134

Program:	55	Registry i:	634166
Owner name:	LAMB FAMILY REVOCABLE A-B TRUS		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	Not Reported
Well depth:	143		
Water leve:	121		
Casing dep:	0		
Casing dia:	8		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	30		
Testedrate:	30		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13013006BDB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	6		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	B	Qacre10dir:	NW

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 494560.7
 Utm y mete: 3577358
 Applicatio: 5/26/1982 12:00:00 AM Site id: AZ7000000040134

AD133
NNE
1/2 - 1 Mile
Higher

FED USGS USGS3031320

Agency cd:	USGS	Site no:	322051111035601
Site name:	D-12-12 36ADB	EDR Site id:	USGS3031320
Latitude:	322051	Dec lat:	32.34757393
Longitude:	1110356	Coor meth:	M
Dec lon:	-111.06621059	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	NWSENES36 T12S R12E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2190.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	010		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19701210
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	230	Hole depth:	230
Source of depth data:	driller		
Project number:	USC		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1970-12-10	Ground water data end date:	1970-12-10
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

	Feet below	Feet to
Date	Surface	Sealevel

1970-12-10	120.00	

Z134
NW
1/2 - 1 Mile
Lower

FED USGS USGS3031314

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	322046111044701
Site name:	D-12-12 35ADD1	EDR Site id:	USGS3031314
Latitude:	322046	Dec lat:	32.34618503
Longitude:	1110447	Coor meth:	M
Dec lon:	-111.08037752	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	SESENES35 T12S R12E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2168.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	191812
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	117	Hole depth:	117
Source of depth data:	driller		
Project number:	USC		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data begin date:	0000-00-00	Water quality data end date:	0000-00-00
Water quality data count:	0		
Ground water data begin date:	1947-02-01	Ground water data end date:	1947-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1947-02-01	73.30	

**135
NE
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000040550

Program:	55	Registry i:	207135
Owner name:	DAVID F MENDOZA JR	Welltype:	EXEMPT
Rgr pump d:	NO		
Well type :	EXEMPT		
Dlic num:	272		
Approved:	3/21/2005 12:00:00 AM	Installed:	8/4/2005 12:00:00 AM
Well depth:	299		
Water leve:	170		
Casing dep:	299		
Casing dia:	7		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	X
Well cance:	Not Reported	Cadastral:	D12013031CBA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	31		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	494341.3		
Utm y mete:	3578546		
Applicatio:	3/17/2005 12:00:00 AM	Site id:	AZ7000000040550

**AB136
NW
1/2 - 1 Mile
Lower**

AZ WELLS AZ7000000040634

Program:	55	Registry i:	604818
Owner name:	CORTARO-MARANA IRRIG,	Welltype:	NON-EXEMPT
Rgr pump d:	YES		
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	3/1/1963 12:00:00 AM
Well depth:	312		
Water leve:	82		
Casing dep:	312		
Casing dia:	20		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	1350		
Testedrate:	1350		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012035ADD
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	35		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	D	Qacre10dir:	SE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 492343.4
 Utm y mete: 3578763
 Applicatio: 3/18/1982 12:00:00 AM Site id: AZ7000000040634

**137
 NW
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040560

Program:	55	Registry i:	591525
Owner name:	CEMEX	Welltype:	GEOTECHNICAL
Rgr pump d:	NO		
Well type :	OTHER		
Dlic num:	498	Installed:	Not Reported
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	Not Reported		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Y	Cadastral:	D12012035DAB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	35		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492143.8		
Utm y mete:	3578563		
Applicatio:	3/19/2002 12:00:00 AM	Site id:	AZ7000000040560

**138
 NNW
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040724

Program:	55	Registry i:	638994
Owner name:	GAUTHIER,R E	Welltype:	EXEMPT
Rgr pump d:	NO		
Well type :	EXEMPT		
Dlic num:	0	Installed:	1/21/1976 12:00:00 AM
Approved:	Not Reported		
Well depth:	220		
Water leve:	120		
Casing dep:	220		
Casing dia:	8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	NO CASING CODE LISTED	Drill log:	Not Reported
Pump type:	NO PUMP CODE LISTED	Cadastral:	D12012036B00
Pump power:	NO POWER CODE LISTED	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	Not Reported		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	0	Qacre40dir:	Not Reported
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	492845.5		
Utm y mete:	3579064		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000040724

**139
ESE
1/2 - 1 Mile
Higher**

FED USGS USGS3031252

Agency cd:	USGS	Site no:	321952111032601
Site name:	D-13-13 06BDC	EDR Site id:	USGS3031252
Latitude:	321952	Dec lat:	32.33118535
Longitude:	1110326	Coor meth:	M
Dec lon:	-111.05787638	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	SWSENEWS06 T13S R13E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2213.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	010		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	191905
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	440	Hole depth:	440
Source of depth data:	driller		
Project number:	USC		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
 Water quality data end date: Not Reported
 Ground water data begin date: Not Reported
 Ground water data count: Not Reported

Water quality data begin date: Not Reported
 Water quality data count: Not Reported
 Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

**AE140
 NNW
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040707

Program:	55	Registry i:	619296
Owner name:	AMCOR INVEST CORP,	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	Not Reported
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	35		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036BCB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492544.3		
Utm y mete:	3578964		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000040707

**AE141
 NNW
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040708

Program:	55	Registry i:	807477
Owner name:	CATALINA COATINGS,	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	Not Reported
Well type :	EXEMPT		
Dlic num:	580		
Approved:	Not Reported		
Well depth:	118		
Water leve:	0		
Casing dep:	118		
Casing dia:	8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Y	Cadastral:	D12012036BCB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	C	Qacre40dir:	SW
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492544.3		
Utm y mete:	3578964		
Applicatio:	3/26/1997 12:00:00 AM	Site id:	AZ7000000040708

**AF142
NNE
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000040711

Program:	55	Registry i:	612399
Owner name:	CELINA MOLINA	Welltype:	NON-EXEMPT
Rgr pump d:	YES		
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	6/1/1978 12:00:00 AM
Well depth:	264		
Water leve:	120		
Casing dep:	262		
Casing dia:	8		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	50		
Testedrate:	50		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036ADA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	A	Qacre10dir:	NE

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 493951.8
 Utm y mete: 3578964
 Applicatio: 6/14/1982 12:00:00 AM Site id: AZ7000000040711

**AF143
 NNE
 1/2 - 1 Mile
 Higher**

AZ WELLS AZ7000000040712

Program:	55	Registry i:	628744
Owner name:	GRAB,N	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	1/1/1975 12:00:00 AM
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	225		
Water leve:	0		
Casing dep:	0		
Casing dia:	8		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036ADA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	493951.8		
Utm y mete:	3578964		
Applicatio:	2/2/1982 12:00:00 AM	Site id:	AZ7000000040712

**144
 North
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040747

Program:	55	Registry i:	568462
Owner name:	JACK F ISLAS	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	12/13/1998 12:00:00 AM
Well type :	EXEMPT		
Dlic num:	587		
Approved:	5/14/1998 12:00:00 AM		
Well depth:	250		
Water leve:	135		
Casing dep:	250		
Casing dia:	6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	PLASTIC OR PVC	Drill log:	X
Pump type:	Not Reported	Cadastral:	D12012036BAD
Pump power:	Not Reported	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	Not Reported		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	D	Qacre10dir:	SE
Utm x mete:	493146.8		
Utm y mete:	3579164		
Applicatio:	5/4/1998 12:00:00 AM	Site id:	AZ7000000040747

**145
North
1/2 - 1 Mile
Lower**

AZ WELLS AZ7000000040748

Program:	55	Registry i:	521198
Owner name:	ROWLAND OEHLI	Welltype:	DOMESTIC STOCK EXEMPT
Rgr pump d:	NO		
Well type :	EXEMPT		
Dlic num:	8	Installed:	Not Reported
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Y	Cadastral:	D12012036ABC
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	C	Qacre10dir:	SW

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 493347.6
 Utm y mete: 3579164
 Applicatio: 5/12/1988 12:00:00 AM Site id: AZ7000000040748

146
WSW
1/2 - 1 Mile
Higher

FED USGS USGS3031255

Agency cd:	USGS	Site no:	321956111051001
Site name:	D-13-12 02AC	EDR Site id:	USGS3031255
Latitude:	321956	Dec lat:	32.3322964
Longitude:	1110510	Coor meth:	M
Dec lon:	-111.08676602	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	SWNES02 T13S R12E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2195.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	1925
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	79.0	Hole depth:	79.0
Source of depth data:	Not Reported		
Project number:	USC		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1939-09-13	Ground water data end date:	1939-09-13
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1939-09-13	66.03	

AG147
SSE
1/2 - 1 Mile
Higher

FED USGS USGS3031401

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	321923111040301
Site name:	D-13-12 12ABA	EDR Site id:	USGS3031401
Latitude:	321923	Dec lat:	32.32312993
Longitude:	1110403	Coor meth:	M
Dec lon:	-111.06815408	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	NENWNES12 T13S R12E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2183.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	19531128
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	180	Hole depth:	180
Source of depth data:	driller		
Project number:	USC		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data begin date:	0000-00-00		
Water quality data end date:	0000-00-00		
Water quality data count:	0		
Ground water data begin date:	1962-01-19	Ground water data end date:	1991-12-13
Ground water data count:	18		

Ground-water levels, Number of Measurements: 18

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1991-12-13	80.30		1990-12-27	87.71	
1989-01-11	82.00		1987-12-28	82.00	
1987-12-02	81.80		1986-12-20	76.60	
1985-12-30	66.80		1985-01-07	57.30	
1984-01-18	61.30		1982-12-01	84.40	
1981-12-28	79.1		1969-01-29	64.72	
1968-01-31	64.35		1966-01-15	62.0	
1965-01-27	66.32		1964-01-21	69.35	
1963-01-22	69.52		1962-01-19	70.90	

**AH148
NNW
1/2 - 1 Mile
Lower**

AZ WELLS AZ7000000040744

Program:	55	Registry i:	580596
Owner name:	REUBEN ISLAS	Welltype:	EXEMPT
Rgr pump d:	NO		
Well type :	EXEMPT		
Dlic num:	236	Installed:	5/6/2000 12:00:00 AM
Approved:	4/11/2000 12:00:00 AM		
Well depth:	160		
Water leve:	112		
Casing dep:	160		
Casing dia:	6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	X
Well cance:	Not Reported	Cadastral:	D12012036BAC
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	C	Qacre10dir:	SW
Utm x mete:	492945.9		
Utm y mete:	3579164		
Applicatio:	4/7/2000 12:00:00 AM	Site id:	AZ7000000040744

**AH149
NNW
1/2 - 1 Mile
Lower**

AZ WELLS AZ7000000040745

Program:	55	Registry i:	623359
Owner name:	JONES,L L	Welltype:	NON-EXEMPT
Rgr pump d:	NO		
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	12/1/1980 12:00:00 AM
Well depth:	260		
Water leve:	115		
Casing dep:	260		
Casing dia:	8		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	50		
Testedrate:	50		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036BAC
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	C	Qacre10dir:	SW

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 492945.9
 Utm y mete: 3579164
 Applicatio: 2/10/1982 12:00:00 AM Site id: AZ7000000040745

**AH150
 NNW
 1/2 - 1 Mile
 Lower**

AZ WELLS AZ7000000040746

Program:	55	Registry i:	801150
Owner name:	TWAROG ET AL,E	Welltype:	NON-EXEMPT
Rgr pump d:	YES	Installed:	1/1/1963 12:00:00 AM
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	129		
Water leve:	110		
Casing dep:	140		
Casing dia:	8		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	50		
Testedrate:	50		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036BAC
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	C	Qacre10dir:	SW
Utm x mete:	492945.9		
Utm y mete:	3579164		
Applicatio:	12/19/1983 12:00:00 AM	Site id:	AZ7000000040746

**AI151
 NNE
 1/2 - 1 Mile
 Higher**

AZ WELLS AZ7000000040749

Program:	55	Registry i:	507310
Owner name:	MILLER,N C	Welltype:	DOMESTIC STOCK EXEMPT
Rgr pump d:	NO	Installed:	4/8/1984 12:00:00 AM
Well type :	EXEMPT		
Dlic num:	27		
Approved:	Not Reported		
Well depth:	200		
Water leve:	105		
Casing dep:	200		
Casing dia:	6		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	SUBMERSIBLE		
Pump power:	ELECTRIC MOTOR 1 - 5 HP		
Pumprate:	20		
Testedrate:	20		
Draw down:	5		
Completion:	X	Drill log:	X
Well cance:	Not Reported	Cadastral:	D12012036ABD
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	D	Qacre10dir:	SE
Utm x mete:	493548.4		
Utm y mete:	3579164		
Applicatio:	2/24/1984 12:00:00 AM	Site id:	AZ7000000040749

**152
ENE
1/2 - 1 Mile
Higher**

FED USGS USGS3031294

Agency cd:	USGS	Site no:	322024111032101
Site name:	D-12-13 31CDA		
Latitude:	322024	EDR Site id:	USGS3031294
Longitude:	1110321	Dec lat:	32.34007408
Dec lon:	-111.05648784	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	04	County:	019
Country:	US	Land net:	NESESWS31 T12S R13E G
Location map:	JAYNES	Map scale:	24000
Altitude:	2226.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	010		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	118	Hole depth:	118
Source of depth data:	Not Reported		
Project number:	USC		
Real time data flag:	0		
Daily flow data begin date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0
 Water quality data end date: 0000-00-00
 Ground water data begin date: 1939-09-13
 Ground water data count: 35

Water quality data begin date: 0000-00-00
 Water quality data count: 0
 Ground water data end date: 1946-08-28

Ground-water levels, Number of Measurements: 35

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1946-08-28	107.39		1946-07-24	104.90	
1946-06-18	103.96		1946-04-25	102.98	
1946-03-06	100.52		1945-12-07	101.10	
1945-10-11	99.94		1945-02-08	96.75	
1944-07-18	100.03		1944-01-15	97.25	
1943-11-03	96.42		1942-12-22	93.67	
1942-08-24	96.22		1942-04-14	96.34	
1941-12-26	90.93		1941-11-12	90.84	
1941-09-30	91.00		1941-08-13	90.87	
1941-07-10	90.79		1941-06-04	89.11	
1941-04-28	88.85		1941-03-24	88.34	
1941-02-05	89.93		1940-12-26	91.63	
1940-11-07	91.83		1940-10-01	91.36	
1940-07-19	92.24		1940-05-31	91.50	
1940-05-02	91.20		1940-03-18	89.70	
1940-02-20	89.26		1939-12-30	89.31	
1939-11-13	89.59		1939-09-26	89.91	
1939-09-13	89.91				

**153
 East
 1/2 - 1 Mile
 Higher**

AZ WELLS AZ7000000040172

Program:	55	Registry i:	801404
Owner name:	DEVLIN, GARY,P	Welltype:	NON-EXEMPT
Rgr pump d:	YES	Installed:	Not Reported
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	128		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	30		
Testedrate:	30		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13013006BAD
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	6		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	D	Qacre10dir:	SE
Utm x mete:	494755.6		
Utm y mete:	3577557		
Applicatio:	4/2/1984 12:00:00 AM	Site id:	AZ7000000040172

**154
NNW
1/2 - 1 Mile
Lower**

AZ WELLS AZ7000000040743

Program:	55	Registry i:	633290
Owner name:	GARDNER,E R		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	11/25/1977 12:00:00 AM
Well depth:	240		
Water leve:	118		
Casing dep:	240		
Casing dia:	8		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	32		
Testedrate:	32		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036BBD
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	D	Qacre10dir:	SE
Utm x mete:	492745.1		
Utm y mete:	3579164		
Applicatio:	4/22/1982 12:00:00 AM	Site id:	AZ7000000040743

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

155
NNE
1/2 - 1 Mile
Higher

AZ WELLS AZ7000000040750

Program:	55	Registry i:	585585
Owner name:	MERODIAS & MONTENEGRO		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	587		
Approved:	3/1/2001 12:00:00 AM	Installed:	6/15/2001 12:00:00 AM
Well depth:	280		
Water leve:	160		
Casing dep:	257		
Casing dia:	6		
Casing typ:	PLASTIC OR PVC		
Pump type:	Not Reported		
Pump power:	Not Reported		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	X
Well cance:	Not Reported	Cadastral:	D12012036AAC
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	C	Qacre10dir:	SW
Utm x mete:	493749.3		
Utm y mete:	3579164		
Applicatio:	2/8/2001 12:00:00 AM	Site id:	AZ7000000040750

AJ156
South
1/2 - 1 Mile
Higher

AZ WELLS AZ7000000039729

Program:	55	Registry i:	200470
Owner name:	WILLIAM RICHTER & MICHAEL REILLY		
Rgr pump d:	NO	Welltype:	EXEMPT
Well type :	EXEMPT		
Dlic num:	236		
Approved:	11/20/2003 12:00:00 AM	Installed:	Not Reported
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	Not Reported	Drill log:	Not Reported
Pump type:	Not Reported	Cadastral:	D13012012BAB
Pump power:	Not Reported	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	Not Reported		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	12		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	B	Qacre10dir:	NW
Utm x mete:	492979.7		
Utm y mete:	3576167		
Applicatio:	9/19/2003 12:00:00 AM	Site id:	AZ7000000039729

**AJ157
South
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000039730

Program:	55	Registry i:	803905
Owner name:	SAMUEL C BARDEN	Welltype:	EXEMPT
Rgr pump d:	NO		
Well type :	EXEMPT		
Dlic num:	236	Installed:	1/1/1966 12:00:00 AM
Approved:	Not Reported		
Well depth:	150		
Water leve:	97		
Casing dep:	0		
Casing dia:	8		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	10		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13012012BAB
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	12		
Quarter 16:	B	Qacre160di:	NW
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	B	Qacre10dir:	NW

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 492979.7
 Utm y mete: 3576167
 Applicatio: 8/6/1986 12:00:00 AM Site id: AZ7000000039730

**158
 SW
 1/2 - 1 Mile
 Higher**

AZ WELLS AZ7000000039915

Program:	55	Registry i:	800986
Owner name:	TROUTHAN III,V	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	1/1/1965 12:00:00 AM
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	150		
Water leve:	0		
Casing dep:	147		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	15		
Testedrate:	15		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13012002D00
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	2		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	0	Qacre40dir:	Not Reported
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	492074.3		
Utm y mete:	3576669		
Applicatio:	10/13/1983 12:00:00 AM	Site id:	AZ7000000039915

**159
 SW
 1/2 - 1 Mile
 Higher**

AZ WELLS AZ7000000039837

Program:	55	Registry i:	636412
Owner name:	BENTLEY JR,J L	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	Not Reported
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	NO CASING CODE LISTED	Drill log:	Not Reported
Pump type:	NO PUMP CODE LISTED	Cadastral:	D13012002DD0
Pump power:	NO POWER CODE LISTED	Watershed:	SANTA CRUZ RIVER
Pumprate:	0	Subbasin n:	UPPER SANTA CRUZ
Testedrate:	0	Quad code:	D
Draw down:	0		
Completion:	Not Reported		
Well cance:	Not Reported		
County:	PIMA		
Basin name:	TUCSON AMA		
Ama:	TUCSON		
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	2		
Quarter 16:	D	Qacre160di:	SE
Quarter 40:	D	Qacre40dir:	SE
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	492280		
Utm y mete:	3576471		
Applicatio:	6/14/1982 12:00:00 AM	Site id:	AZ7000000039837

**160
ENE
1/2 - 1 Mile
Higher**

AZ WELLS AZ7000000040507

Program:	55	Registry i:	638142
Owner name:	HUEBNER,J F	Welltype:	EXEMPT
Rgr pump d:	NO		
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported	Installed:	1/1/1966 12:00:00 AM
Well depth:	230		
Water leve:	0		
Casing dep:	230		
Casing dia:	8		
Casing typ:	OTHER - BLACK STEEL - IRON - SEAMLESS		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	25		
Testedrate:	25		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12013031CA0
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	13		
Half range:	0		
Eastwest:	E		
Section:	31		
Quarter 16:	C	Qacre160di:	SW
Quarter 40:	A	Qacre40dir:	NE
Quarter 10:	0	Qacre10dir:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 494628.3
 Utm y mete: 3578447
 Applicatio: 6/10/1982 12:00:00 AM Site id: AZ7000000040507

AK161
North
1/2 - 1 Mile
Lower

AZ WELLS AZ7000000040755

Program:	55	Registry i:	622986
Owner name:	JACK F ISLAS	Welltype:	NON-EXEMPT
Rgr pump d:	YES	Installed:	Not Reported
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	0		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	50		
Testedrate:	50		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036AB0
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493447.3		
Utm y mete:	3579265		
Applicatio:	6/9/1982 12:00:00 AM	Site id:	AZ7000000040755

AK162
North
1/2 - 1 Mile
Lower

AZ WELLS AZ7000000040754

Program:	55	Registry i:	602259
Owner name:	MILLIGAN,W L	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	12/8/1968 12:00:00 AM
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	220		
Water leve:	110		
Casing dep:	220		
Casing dia:	8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	OTHER - BLACK STEEL - IRON - SEAMLESS		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	18		
Testedrate:	18		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036AB0
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493447.3		
Utm y mete:	3579265		
Applicatio:	1/21/1982 12:00:00 AM	Site id:	AZ7000000040754

AK163
North
1/2 - 1 Mile
Lower

AZ WELLS AZ7000000040757

Program:	55	Registry i:	628273
Owner name:	CAROLANNE DR HOME-,	Welltype:	NON-EXEMPT
Rgr pump d:	YES		
Well type :	NON-EXEMPT	Installed:	Not Reported
Dlic num:	0		
Approved:	Not Reported		
Well depth:	200		
Water leve:	0		
Casing dep:	0		
Casing dia:	0		
Casing typ:	NO CASING CODE LISTED		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036AB0
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	0	Qacre10dir:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Utm x mete: 493447.3
 Utm y mete: 3579265
 Applicatio: 6/14/1982 12:00:00 AM Site id: AZ7000000040757

AK164
North
1/2 - 1 Mile
Lower

AZ WELLS AZ7000000040756

Program:	55	Registry i:	628541
Owner name:	THOMAS DOUGHTY	Welltype:	EXEMPT
Rgr pump d:	NO	Installed:	1/1/1964 12:00:00 AM
Well type :	EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	176		
Water leve:	110		
Casing dep:	0		
Casing dia:	8		
Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	32		
Testedrate:	32		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D12012036AB0
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	12		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	36		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	0	Qacre10dir:	Not Reported
Utm x mete:	493447.3		
Utm y mete:	3579265		
Applicatio:	7/16/1982 12:00:00 AM	Site id:	AZ7000000040756

AG165
SSE
1/2 - 1 Mile
Higher

AZ WELLS AZ7000000039728

Program:	55	Registry i:	620296
Owner name:	TUCSON, CITY OF,	Welltype:	NON-EXEMPT
Rgr pump d:	NO	Installed:	11/1/1953 12:00:00 AM
Well type :	NON-EXEMPT		
Dlic num:	0		
Approved:	Not Reported		
Well depth:	180		
Water leve:	79		
Casing dep:	180		
Casing dia:	8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Casing typ:	STEEL - PERFORATED OR SLOTTED CASING		
Pump type:	NO PUMP CODE LISTED		
Pump power:	NO POWER CODE LISTED		
Pumprate:	0		
Testedrate:	0		
Draw down:	0		
Completion:	Not Reported	Drill log:	Not Reported
Well cance:	Not Reported	Cadastral:	D13012012ABA
County:	PIMA	Watershed:	SANTA CRUZ RIVER
Basin name:	TUCSON AMA	Subbasin n:	UPPER SANTA CRUZ
Ama:	TUCSON	Quad code:	D
Whole town:	13		
Half towns:	0		
Northsouth:	S		
Whole rang:	12		
Half range:	0		
Eastwest:	E		
Section:	12		
Quarter 16:	A	Qacre160di:	NE
Quarter 40:	B	Qacre40dir:	NW
Quarter 10:	A	Qacre10dir:	NE
Utm x mete:	493573.1		
Utm y mete:	3576162		
Applicatio:	6/9/1982 12:00:00 AM	Site id:	AZ7000000039728

**AI166
NNE
1/2 - 1 Mile
Higher**

FED USGS USGS3031325

Agency cd:	USGS	Site no:	322101111040401
Site name:	D-12-12 36ACA	EDR Site id:	USGS3031325
Latitude:	322101	Dec lat:	32.35035165
Longitude:	1110404	Coor meth:	M
Dec lon:	-111.06843298	Latlong datum:	NAD27
Coor accr:	F	District:	04
Dec latlong datum:	NAD83	County:	019
State:	04	Land net:	NESWNES36 T12S R12E G
Country:	US	Map scale:	24000
Location map:	JAYNES		
Altitude:	2185.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	010		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Upper Santa Cruz. Arizona. Area = 2210 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	196809
Date inventoried:	Not Reported	Mean greenwich time offset:	MST
Local standard time flag:	N		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	220	Hole depth:	220
Source of depth data:	Not Reported		
Project number:	USC		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported		
Peak flow data begin date:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: Not Reported
Water quality data end date: Not Reported
Ground water data begin date: Not Reported
Ground water data count: Not Reported

Water quality data begin date: Not Reported
Water quality data count: Not Reported
Ground water data end date: Not Reported

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: AZ Radon

Radon Test Results (pCi/L)

Zip	City	Result (pCi/L)
85743	TUCSON	< 0.50
85743	TUCSON	= 1.10
85743	TUCSON	= 1.70
85743	TUCSON	= 1.80
85743	TUCSON	= 3.00

Federal EPA Radon Zone for PIMA County: 2

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

Federal Area Radon Information for Zip Code: 85743

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.700 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

State Wetlands Data: Riparian Vegetation Associated with Perennial Waters

Source: State Land Department

Telephone: 602-542-4094

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Arizona Well Registration Database

Source: Department of Water Resources

Telephone: 602-771-8535

The Wells database contains all wells registered in the state.

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Source: Arizona Geological Survey

Telephone: 520-770-3500

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

RADON

State Database: AZ Radon

Source: Arizona Radiation Regulatory Agency

Telephone: 602-255-4845

State Indoor Radon Survey

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Pima County Biogas Facility

5025 West Ina Road

Tucson, AZ 85743

Inquiry Number: 3484840.4

December 31, 2012

EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

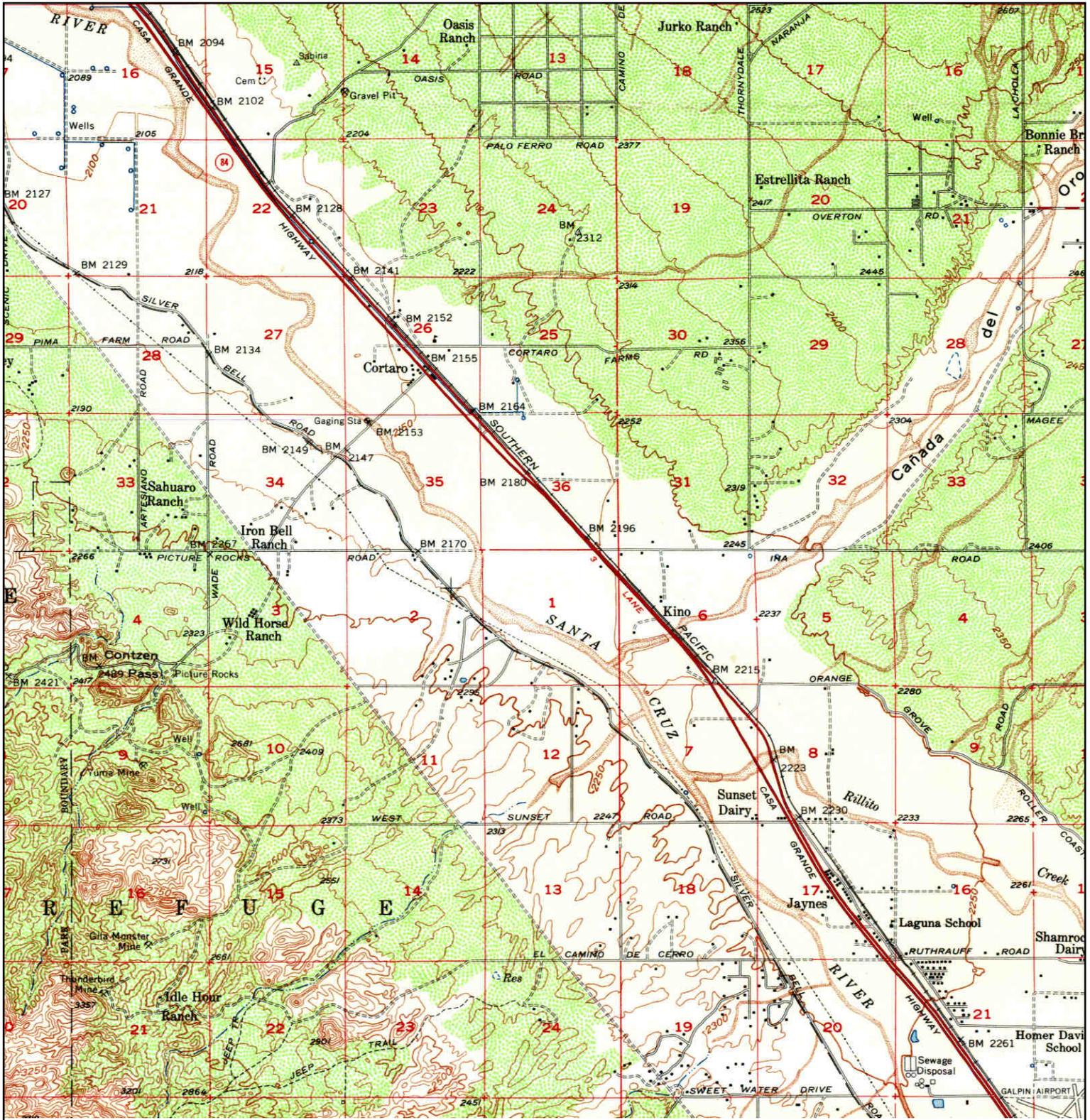
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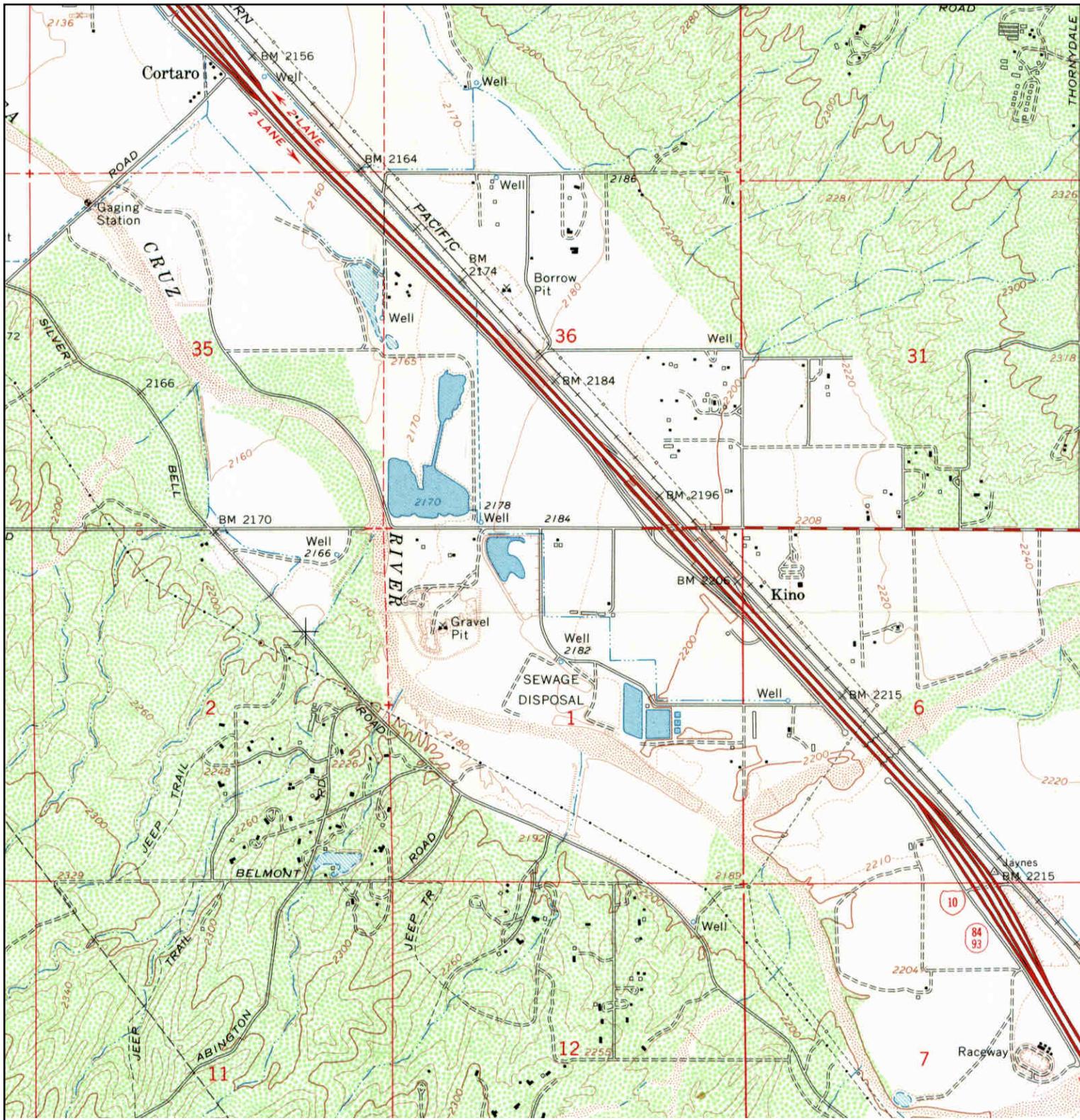
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Historical Topographic Map



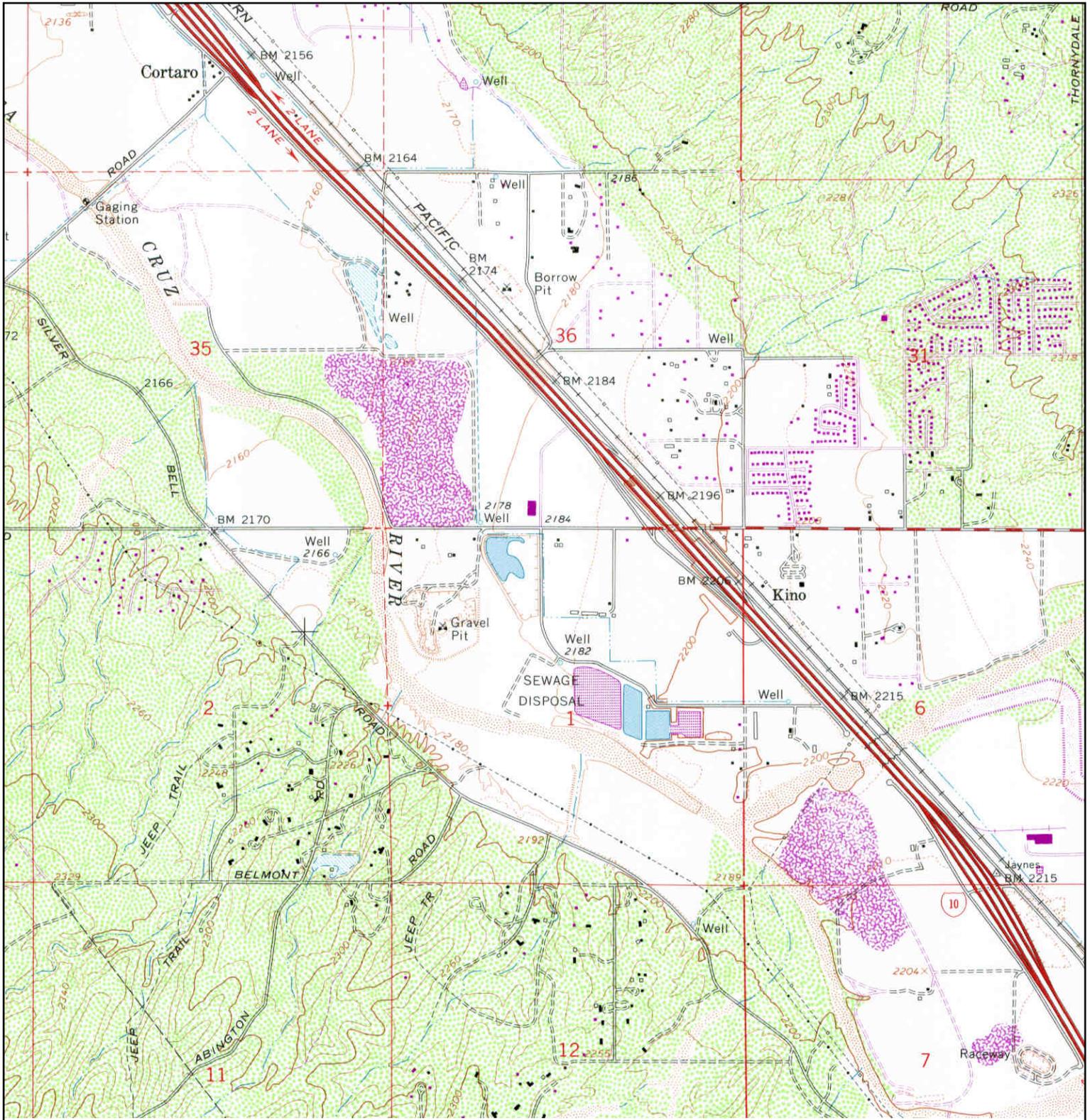
<p>N</p>	<p>TARGET QUAD</p>	<p>SITE NAME: Pima County Biogas Facility</p>	<p>CLIENT: SWCA Environmental Consultants</p>
	<p>NAME: CORTARO</p>	<p>ADDRESS: 5025 West Ina Road</p>	<p>CONTACT: Steve Obrien</p>
	<p>MAP YEAR: 1957</p>	<p>Tucson, AZ 85743</p>	<p>INQUIRY#: 3484840.4</p>
	<p>SERIES: 15</p>	<p>LAT/LONG: 32.3362 / -111.0718</p>	<p>RESEARCH DATE: 12/31/2012</p>
	<p>SCALE: 1:62500</p>		

Historical Topographic Map



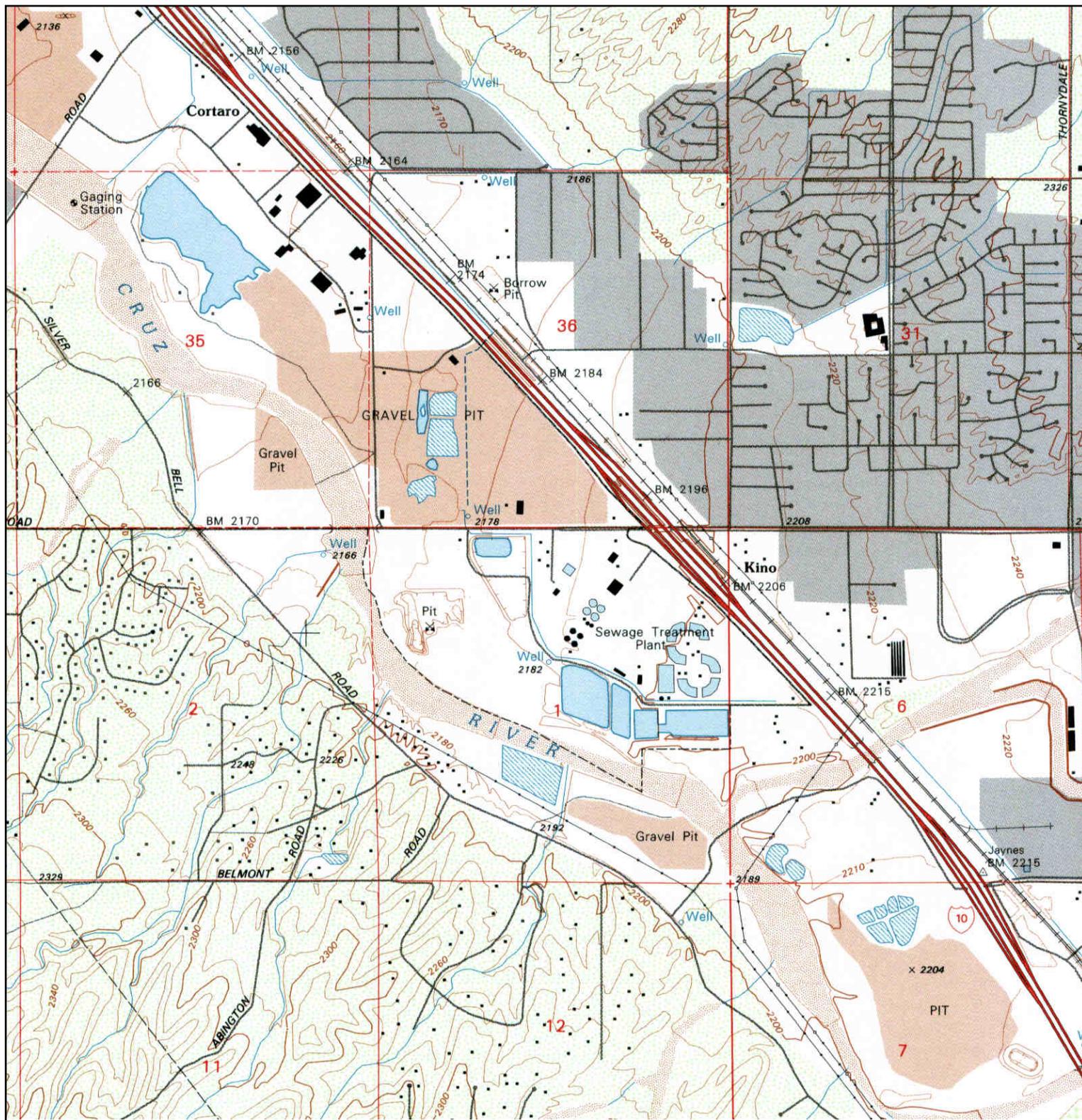
	TARGET QUAD	SITE NAME: Pima County Biogas Facility	CLIENT: SWCA Environmental Consultants
	NAME: JAYNES	ADDRESS: 5025 West Ina Road	CONTACT: Steve Obrien
	MAP YEAR: 1968	TUCSON, AZ 85743	INQUIRY#: 3484840.4
	SERIES: 7.5	LAT/LONG: 32.3362 / -111.0718	RESEARCH DATE: 12/31/2012
	SCALE: 1:24000		

Historical Topographic Map



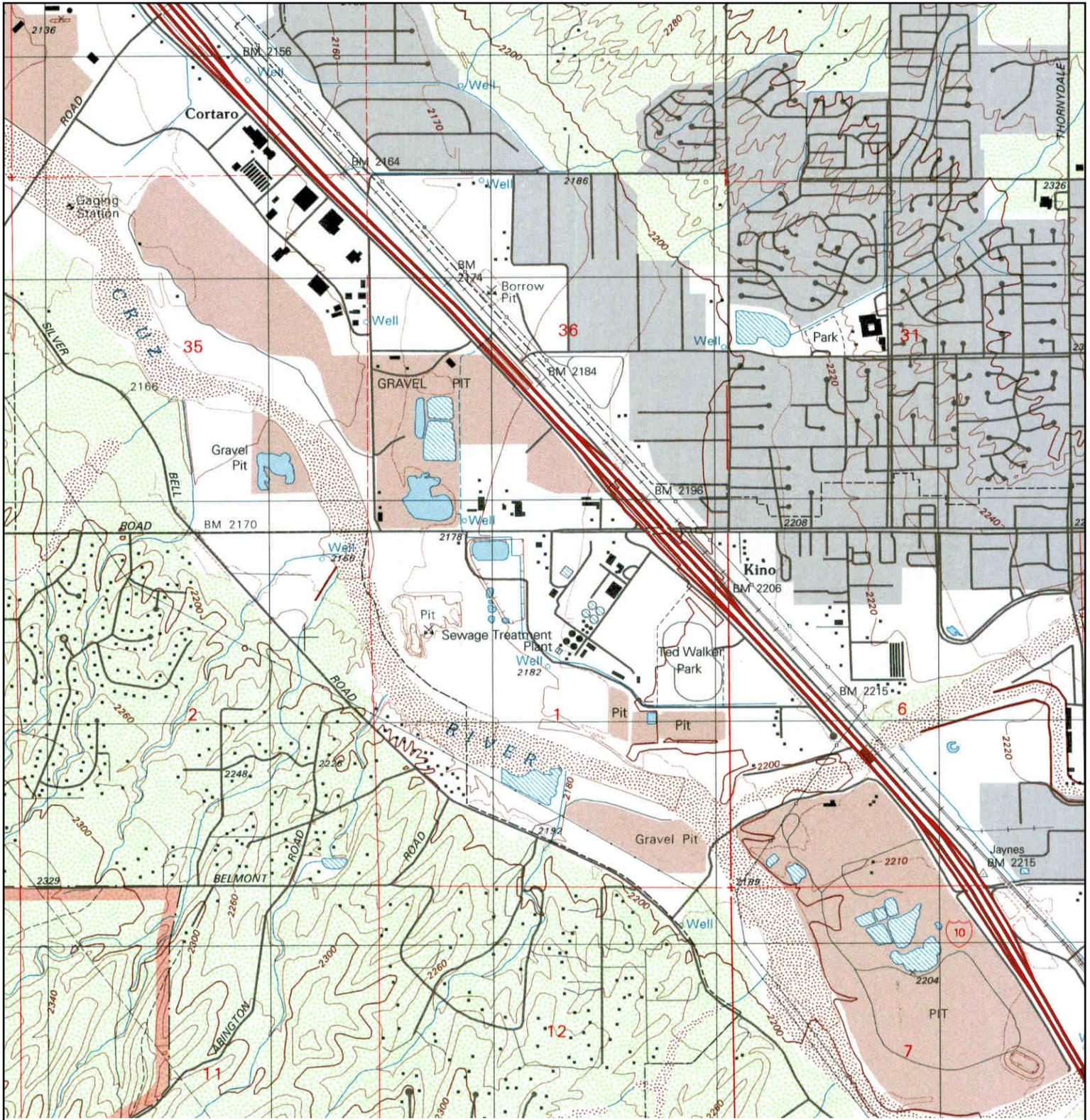
	TARGET QUAD	SITE NAME: Pima County Biogas Facility	CLIENT: SWCA Environmental Consultants
	NAME: JAYNES	ADDRESS: 5025 West Ina Road	CONTACT: Steve Obrien
	MAP YEAR: 1975	Tucson, AZ 85743	INQUIRY#: 3484840.4
	PHOTOREVISED FROM :1968	LAT/LONG: 32.3362 / -111.0718	RESEARCH DATE: 12/31/2012
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



 N	TARGET QUAD	SITE NAME: Pima County Biogas Facility	CLIENT: SWCA Environmental Consultants
	NAME: JAYNES	ADDRESS: 5025 West Ina Road	CONTACT: Steve Obrien
	MAP YEAR: 1992	Tucson, AZ 85743	INQUIRY#: 3484840.4
	SERIES: 7.5	LAT/LONG: 32.3362 / -111.0718	RESEARCH DATE: 12/31/2012
	SCALE: 1:24000		

Historical Topographic Map



 N	TARGET QUAD	SITE NAME: Pima County Biogas Facility	CLIENT: SWCA Environmental Consultants
	NAME: JAYNES	ADDRESS: 5025 West Ina Road	CONTACT: Steve Obrien
	MAP YEAR: 1996	TUCSON, AZ 85743	INQUIRY#: 3484840.4
	SERIES: 7.5	LAT/LONG: 32.3362 / -111.0718	RESEARCH DATE: 12/31/2012
	SCALE: 1:24000		



Pima County Biogas Facility

5025 West Ina Road

Tucson, AZ 85743

Inquiry Number: 3484840.5

January 02, 2013

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Date EDR Searched Historical Sources:

Aerial Photography January 02, 2013

Target Property:

5025 West Ina Road

Tucson, AZ 85743

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1966	Aerial Photograph. Scale: 1"=500'	Panel #: 32111-C1, Jaynes, AZ;/Flight Date: May 04, 1966	EDR
1969	Aerial Photograph. Scale: 1"=1000'	Panel #: 32111-C1, Jaynes, AZ;/Flight Date: August 10, 1969	EDR
1972	Aerial Photograph. Scale: 1"=750'	Panel #: 32111-C1, Jaynes, AZ;/Flight Date: January 06, 1972	EDR
1977	Aerial Photograph. Scale: 1"=1000'	Panel #: 32111-C1, Jaynes, AZ;/Flight Date: October 14, 1977	EDR
1991	Aerial Photograph. Scale: 1"=500'	Panel #: 32111-C1, Jaynes, AZ;/Flight Date: November 27, 1991	EDR
1992	Aerial Photograph. Scale: 1"=500'	Panel #: 32111-C1, Jaynes, AZ;/Composite DOQQ - acquisition dates: May 16, 1992	EDR
1996	Aerial Photograph. Scale: 1"=750'	Panel #: 32111-C1, Jaynes, AZ;/Flight Date: June 03, 1996	EDR
2003	Aerial Photograph. Scale: 1"=750'	Panel #: 32111-C1, Jaynes, AZ;/Flight Date: September 16, 2003	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 32111-C1, Jaynes, AZ;/Flight Year: 2006	EDR
2007	Aerial Photograph. Scale: 1"=500'	Panel #: 32111-C1, Jaynes, AZ;/Flight Year: 2007	EDR



INQUIRY #: 3484840.5

YEAR: 1966

| = 500'





INQUIRY #: 3484840.5

YEAR: 1969

|—————| = 1000'



INQUIRY #: 3484840.5

YEAR: 1972



| = 750'





INQUIRY #: 3484840.5

YEAR: 1977

 = 1000'



3-174



INQUIRY #: 3484840.5

YEAR: 1991

| = 500'





Pima County Biogas Facility

5025 West Ina Road

Tucson, AZ 85743

Inquiry Number: 3484840.3

December 28, 2012

Certified Sanborn® Map Report

Certified Sanborn® Map Report

12/28/12

Site Name:

Pima County Biogas Facility
5025 West Ina Road
Tucson, AZ 85743

Client Name:

SWCA Environmental
3033 N. Central Ave.
Phoenix, AZ 85012

EDR Inquiry # 3484840.3

Contact: Steve Obrien



The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by SWCA Environmental Consultants were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: Pima County Biogas Facility
Address: 5025 West Ina Road
City, State, Zip: Tucson, AZ 85743
Cross Street:
P.O. # NA
Project: 25308 Pima Biogas PIESA
Certification # 6099-44C9-B123



Sanborn® Library search results
Certification # 6099-44C9-B123

UNMAPPED PROPERTY

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

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

The Sanborn Library LLC Since 1866™

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Pima County Biogas Facility

5025 West Ina Road
Tucson, AZ 85743

Inquiry Number: 3484840.6
December 31, 2012

The EDR-City Directory Abstract

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

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EXECUTIVE SUMMARY

DESCRIPTION

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

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1926 through 2012. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

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

RESEARCH SUMMARY

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

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2012	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2007	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
2003	Hill-Donnelley Corporation	X	X	X	-
1999	R.L. Polk Co Publishers	-	X	X	-
1991	R.L. Polk Co Publishers	-	-	-	-
1986	R.L. Polk Co Publishers	-	-	-	-
1980	R.L. Polk Co Publishers	-	-	-	-
1975	R.L. Polk Co Publishers	-	-	-	-
1970	R.L. Polk Co Publishers	-	-	-	-
1965	R.L. Polk Co Publishers	-	-	-	-
1960	Mullen Kille Co	-	-	-	-
1955	Mullin Kille Co	-	-	-	-
1951	Baldwin Con Survey Co, Mullin Kille and Betts Printing Co	-	-	-	-
1948	Arizona Directory Co	-	-	-	-
1941	Arizona Directory Co	-	-	-	-
1935	Arizona Directory Co	-	-	-	-
1930	Houston L. Walsh	-	-	-	-
1926	Acme Printing Co	-	-	-	-

EXECUTIVE SUMMARY

MAP INFORMATION

The Overview Map provides information on nearby property parcel boundaries. Properties on this map that were selected for research are listed below the map.



SELECTED ADDRESSES

The following addresses were selected by the client. Detailed findings are contained in the findings section. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
5025 West Ina Road	Map ID: 1	X
5150 W INA RD	Map ID: 11	
4921 W INA RD	Map ID: 2	
5050 W INA RD	Map ID: 3	X
4920 W INA RD	Map ID: 5	X
4930 W INA RD	Map ID: 6	X
5051 W INA RD	Map ID: 7	

EXECUTIVE SUMMARY

<u>Address</u>	<u>Type</u>	<u>Findings</u>
5100 W INA RD	Map ID: 8	X

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

5025 West Ina Road
Tucson, AZ 85743

FINDINGS DETAIL

Target Property research detail.

W INA RD

5025 W INA RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	PIMA COUNTY GOVERNMENT	Cole Information Services
2007	INDUSTRIAL WASTE WATER CONTROL	Cole Information Services
	PIMA COUNTY GOVERNMENT WASTEWATER MG	Cole Information Services

West Ina Road

5025 West Ina Road

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2003	PIMA COUNTY IND WASTE CONTROL	Hill-Donnelley Corporation

FINDINGS

ADJOINING PROPERTY DETAIL

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

N STARCOMMERCE WAY

7300 N STARCOMMERCE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	HOMES DIRECT OF TUCSON INC	Cole Information Services
	PRESTIGE HOMES INC	Cole Information Services

W INA RD

4920 W INA RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	KETTENBURG LOCKSMITH SERVICE	Cole Information Services
	DENNYS	Cole Information Services
2003	DENNYS	Hill-Donnelley Corporation

4930 W INA RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2007	COMFORT INN NORTH	Cole Information Services
2003	COMFORT INN INA S	Hill-Donnelley Corporation

5050 W INA RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	HOMES DIRECT	Cole Information Services
	HOMES DIRECT	Cole Information Services
2007	CAVCO HOME CENTER	Cole Information Services
	CAVCO HOME CENTER	Cole Information Services
2003	AAA HOMES FINANCE	Hill-Donnelley Corporation
	CAVCO HOME CTR	Hill-Donnelley Corporation

5100 W INA RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2012	TOWN OF MARANA	Cole Information Services
2003	No Listing	Hill-Donnelley Corporation
1999	Price Donald W Sr 13 A	R.L. Polk Co Publishers
	TRICO ELECTRIC COOPERATIVE	R.L. Polk Co Publishers
	elec svcs	R.L. Polk Co Publishers

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched

5025 West Ina Road

Address Not Identified in Research Source

1999, 1991, 1986, 1980, 1975, 1970, 1965, 1960, 1955, 1951, 1948, 1941, 1935, 1930, 1926

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

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

Address Researched

4920 W INA RD

4920 W INA RD

4921 W INA RD

4930 W INA RD

4930 W INA RD

5050 W INA RD

5050 W INA RD

5050 W INA RD

5051 W INA RD

5100 W INA RD

5100 W INA RD

5150 W INA RD

7300 N STARCOMMERCE
WAY

Address Not Identified in Research Source

2012, 2007, 1999, 1991, 1986, 1980, 1975, 1970, 1965, 1960, 1955, 1951, 1948, 1941, 1935, 1930, 1926

2007, 2003, 1999, 1991, 1986, 1980, 1975, 1970, 1965, 1960, 1955, 1951, 1948, 1941, 1935, 1930, 1926

2012, 2007, 2003, 1999, 1991, 1986, 1980, 1975, 1970, 1965, 1960, 1955, 1951, 1948, 1941, 1935, 1930, 1926

2012, 2007, 1999, 1991, 1986, 1980, 1975, 1970, 1965, 1960, 1955, 1951, 1948, 1941, 1935, 1930, 1926

2012, 2003, 1999, 1991, 1986, 1980, 1975, 1970, 1965, 1960, 1955, 1951, 1948, 1941, 1935, 1930, 1926

2003, 1999, 1991, 1986, 1980, 1975, 1970, 1965, 1960, 1955, 1951, 1948, 1941, 1935, 1930, 1926

2012, 2007, 1999, 1991, 1986, 1980, 1975, 1970, 1965, 1960, 1955, 1951, 1948, 1941, 1935, 1930, 1926

2003, 1999, 1991, 1986, 1980, 1975, 1970, 1965, 1960, 1955, 1951, 1948, 1941, 1935, 1930, 1926

2012, 2007, 2003, 1999, 1991, 1986, 1980, 1975, 1970, 1965, 1960, 1955, 1951, 1948, 1941, 1935, 1930, 1926

2012, 2007, 1991, 1986, 1980, 1975, 1970, 1965, 1960, 1955, 1951, 1948, 1941, 1935, 1930, 1926

2007, 2003, 1999, 1991, 1986, 1980, 1975, 1970, 1965, 1960, 1955, 1951, 1948, 1941, 1935, 1930, 1926

2012, 2007, 2003, 1999, 1991, 1986, 1980, 1975, 1970, 1965, 1960, 1955, 1951, 1948, 1941, 1935, 1930, 1926

2012, 2003, 1999, 1991, 1986, 1980, 1975, 1970, 1965, 1960, 1955, 1951, 1948, 1941, 1935, 1930, 1926

CEMEX, INC.
INA ROAD PIT
AZ

Inquiry Number:
January 3, 2013

EDR Site Report™

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The EDR-Site Report™ is a comprehensive presentation of government filings on a facility identified in a search of federal, state and local environmental databases. The report is divided into three sections:

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Summary of facility filings including a review of the following areas: waste management, waste disposal, multi-media issues, and Superfund liability.

Section 2: Facility Detail Reports Page 4

All available detailed information from databases where sites are identified.

Section 3: Databases and Update Information. Page 5

Name, source, update dates, contact phone number and description of each of the databases for this report.

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

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SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1 CEMEX, INC. INA ROAD PIT AZ EDR ID #M300002980
AREA	
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSD)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	NO
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	YES - p4
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

MULTIMEDIA

Facility is listed in a county/local unique database

DATABASE: State/County (LOCAL)

CEMEX, INC.
INA ROAD PIT
AZ
EDR ID #M300002980

Ferrous and Nonferrous Metal Mines Database:

Mine ID:	3838
Commodity:	Sand and Gravel
Latitude:	32.3375
Longitude:	-111.0758
Site Type:	The facility is both a mine and a plant

SECTION 3: DATABASES AND UPDATE DATES

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

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

INA ROAD CONSTRUCTION DEBRIS

5301 W INA RD

AZ

Inquiry Number:

January 3, 2013

EDR Site Report™

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SECTION 1: FACILITY SUMMARY

FACILITY	FACILITY 1 INA ROAD CONSTRUCTION DEBRIS 5301 W INA RD AZ EDR ID #S110487545
AREA	
WASTE MANAGEMENT Facility generates hazardous waste (RCRA)	NO
Facility treats, stores, or disposes of hazardous waste on-site (RCRA/TSD)	NO
Facility has received Notices of Violations (RCRA/VIOL)	NO
Facility has been subject to RCRA administrative actions (RAATS)	NO
Facility has been subject to corrective actions (CORRACTS)	NO
Facility handles PCBs (PADS)	NO
Facility uses radioactive materials (MLTS)	NO
Facility manages registered aboveground storage tanks (AST)	NO
Facility manages registered underground storage tanks (UST)	NO
Facility has reported leaking underground storage tank incidents (LUST)	NO
Facility has reported emergency releases to the soil (ERNS)	NO
Facility has reported hazardous material incidents to DOT (HMIRS)	NO
WASTE DISPOSAL Facility is a Superfund Site (NPL)	NO
Facility has a known or suspect abandoned, inactive or uncontrolled hazardous waste site (CERCLIS)	NO
Facility has a reported Superfund Lien on it (LIENS)	NO
Facility is listed as a state hazardous waste site (SHWS)	NO
Facility has disposed of solid waste on-site (SWF/LF)	YES - p4
MULTIMEDIA Facility uses toxic chemicals and has notified EPA under SARA Title III, Section 313 (TRIS)	NO
Facility produces pesticides and has notified EPA under Section 7 of FIFRA (SSTS)	NO
Facility manufactures or imports toxic chemicals on the TSCA list (TSCA)	NO
Facility has inspections under FIFRA, TSCA or EPCRA (FTTS)	NO
Facility is listed in EPA's index system (FINDS)	NO
Facility is listed in a county/local unique database (LOCAL)	NO
POTENTIAL SUPERFUND LIABILITY Facility has a list of potentially responsible parties PRP	NO
TOTAL (YES)	1

SECTION 2: FACILITY DETAIL REPORTS

WASTE DISPOSAL

Facility has disposed of solid waste on-site

DATABASE: Permitted Solid Waste Facilities (SWF/LF)

INA ROAD CONSTRUCTION DEBRIS
5301 W INA RD
AZ
EDR ID #S110487545

SWF/LF:

Facility Status:	Open
Facility Type:	NMSWLF
Operator:	Chris Cawein
Operator Address:	Not reported
Operator City,St,Zip:	Not reported
Directions:	5301 W. Ina Rd
Telephone:	520-744-7649
Owner:	Pima County
Operator Company:	Pima County

SECTION 3: DATABASES AND UPDATE DATES

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

Elapsed ASTM days: Provides confirmation that this report meets or exceeds the 90-day updating requirement of the ASTM standard.

DATABASES FOUND IN THIS REPORT

AZ LF: Directory of Solid Waste Facilities

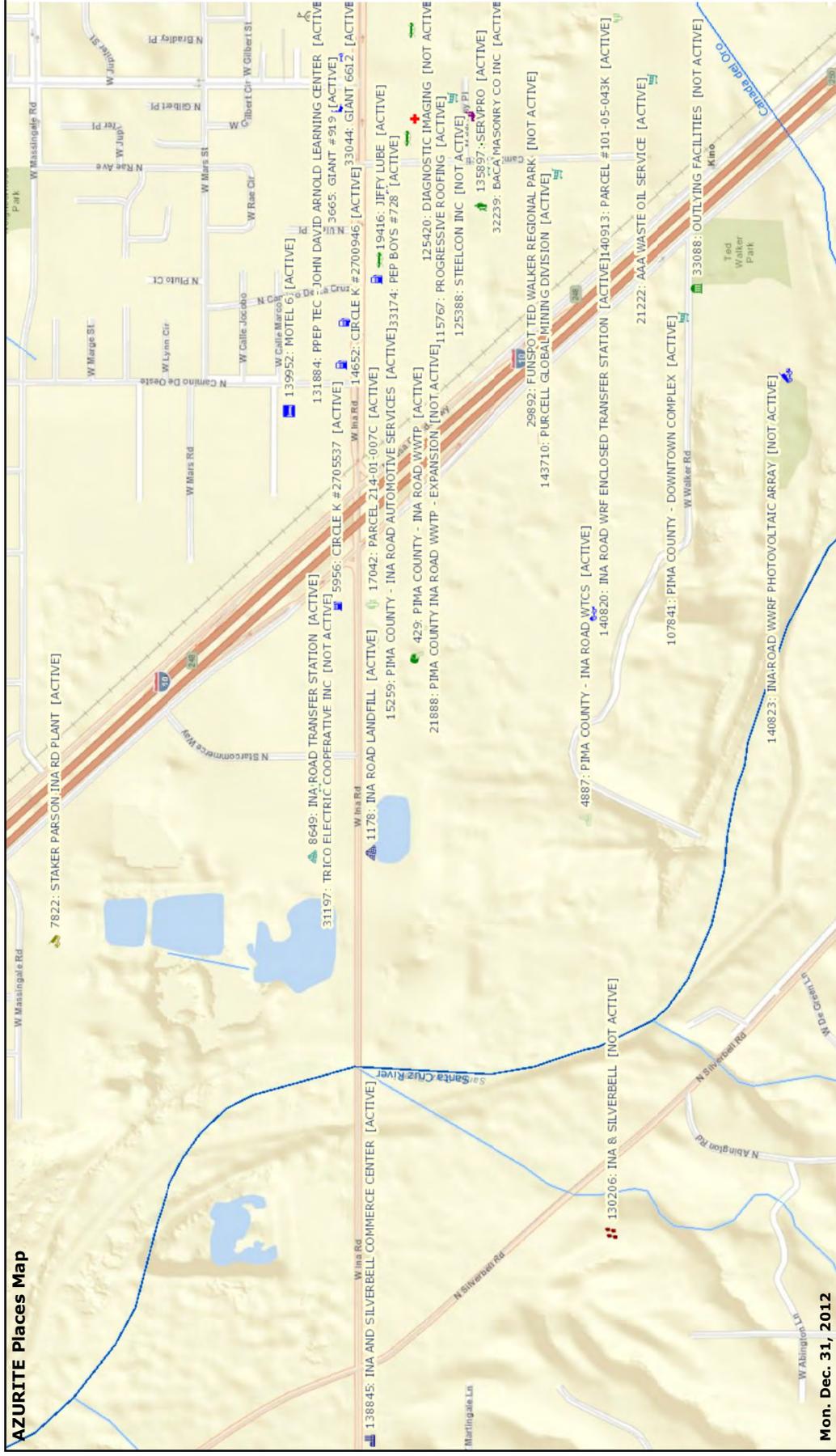
Source: Department of Environmental Quality

Telephone: 602-771-2300

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/01/2012
Database Release Frequency: Annually

Date of Last EDR Contact: 12/03/2012
Date of Next Scheduled Update: 03/18/2013



LEGEND FOR ADEQ E-MAPS

 ADEQ FACILITY	 FERTILIZER PLANT
 AEROSPACE - AIRCRAFT MANUFACTURING	 FIRE STATION
 AGRICULTURE SERVICES AND CHEMICALS	 FIREARMS RANGE
 AIR ASBESTOS PROJECT LOCATION	 FISH HATCHERY
 AIR ASBESTOS SITE	 FLOOD CONTROL PROJECT
 AIR PORTABLE LOCATION	 FOOD OR BEVERAGE PROCESSING PLANT
 AIRCRAFT REPAIR/MAINTENANCE FACILITY	 FOREST RANGER/WORK STATION
 AIRPLANE HANGAR	 FOUNDRY/CASTING PLANT
 AIRPORT/AIRSTRIP	 FUEL STORAGE - BULK FUEL STORAGE
 AMMUNITION, ORDINANCE MANUFACTURING	 FURNITURE MANUFACTURING
 APARTMENTS/CONDOMINIUMS	 GAS FILLING STATION - COMMERCIAL
 AUTO SALVAGE YARD	 GASOLINE FILLING STATION - FLEET
 AUTO/VEHICLE REPAIR FACILITY	 GOLF COURSE
 BANK STABILIZATION PROJECT	 GOVERNMENT FACILITY
 BATTERY RECYCLING CENTER	 GOVERNMENT SCHOOL
 BIO-SOLID PROCESSING FACILITY	 GROCERY STORE/CONVENIENCE STORE
 BIOSOLIDS/SLUDGE APPLICATION	 HAZARDOUS WASTE TRANSFER FACILITY
 BOAT BUILDER	 HAZARDOUS WASTE TRANSPORTATION COMPANY
 BUSINESS PARK OR COMPLEX	 HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL
 CAFO - COMMERCIAL ANIMAL FEEDING OPERATION	 HEALTH CLUB/SPA - GYM
 CAMP (BOY SCOUT, CHURCH, ETC.)	 HOTEL/MOTEL/LODGING
 CAMPGROUND	 HOUSEHOLD HAZARDOUS WASTE COLLECTION CENTER
 CEMENT PLANT	 ILLEGAL SOLID WASTE DUMP
 CEMETERY	 ILLEGAL WASTE TIRE STORAGE SITE
 CHARTER SCHOOL	 INCORRECT OR INADEQUATE LOCATIONAL INFORMATION
 CHEMICAL MANUFACTURING OR SALES	 INDUSTRIAL PARK
 CHURCH	 INERT MATERIALS LANDFILL
 CITY OWNED PLACE	 LABORATORY/RESEARCH CENTER
 CITY/COUNTY PARK	 LANDFARM
 CLOSED MUNICIPAL SOLID WASTE LANDFILL	 LIGHT INDUSTRY
 CLOSED NON-MUNICIPAL SOLID WASTE LANDFILL	 LIQUID WASTE DISPOSAL FACILITY
 COLLEGE OR UNIVERSITY	 LOGGING/TIMBER FACILITY
 COMMERCIAL PROPERTY	 LPG FACILITY
 COMPOSTING FACILITY	 LUMBER YARD/SALES
 CONSTRUCTION - PAINTING/WALLPAPER	 MACHINE SHOP
 CONSTRUCTION DEBRIS LANDFILL	 MANUFACTURING/INDUSTRIAL PLANT
 CONSTRUCTION PROJECT	 MARINA
 COTTON GIN	 MEDICAL FACILITY
 COUNTRY CLUB	 MEDICAL SUPPLY EQUIPMENT MANUFACTURING
 DAIRY	 MEDICAL WASTE INCINERATOR
 DAM	 MEDICAL WASTE TRANSPORTER INSPECTION SITE
 DRY CLEANERS/LAUNDRY	 MEDICAL WASTE TREATMENT FACILITY
 ELECTRICITY GENERATING PLANT	 METAL FABRICATOR - METAL PRODUCTS
 ELECTRONICS MANUFACTURING PLANT	 METAL PLATING FACILITY
 EMERGENCY RESPONSE SITE	 MILITARY BASE
 ENVIRONMENTAL CONTRACTOR FACILITY	 MINE OR MILL SITE
EQUIPMENT YARD	 MINING TIRE BURIAL
FARM/RANCH	

-  MOBILE/MANUFACTURED HOME PARK
-  MORTUARY/CREMATORIUM
-  MUNICIPAL SOLID WASTE LANDFILL
-  NATIONAL PARK/MONUMENT
-  NEWSPAPER PUBLISHER
-  NON-MUNICIPAL SOLID WASTE LANDFILL
-  NURSERY - PLANT OR PRODUCE GROWER
-  OFFICE BUILDING
-  OIL REFINING/CRUDE OIL PROCESSING FACILITY
-  PAPER MILL
-  PARKING LOT OR GARAGE
-  PESTICIDE APPLICATOR/EXTERMINATOR
-  PETROLEUM CONTAMINATED SOILS (PCS) SITE
-  PHOTOGRAPH DEVELOPING FINISHING
-  PIPELINE PROJECT
-  PIPELINE STATION
-  PLASTIC MANUFACTURING/MOLDING
-  POLICE STATION
-  PORT OF ENTRY STATION
-  POST OFFICE FACILITY
-  PRESCHOOL
-  PRINTER/PRINT SHOP
-  PRISON/JAIL
-  PRIVATE SCHOOL
-  PRIVATE SOLID WASTE LANDFILL
-  PROPOSED WASTEWATER TREATMENT PLANT
-  PUBLIC SCHOOL
-  PUBLIC UTILITY
-  PUBLIC WORKS YARD OR BUILDING
-  RACE TRACK (AUTO)
-  RECREATION AREA
-  RECYCLING CENTER
-  REMEDIAL PROJECT
-  REMEDIATION AREA
-  RESIDENCE
-  RESIDENTIAL CARE FACILITY/NURSING HOME
-  RESORT
-  REST AREA
-  RESTAURANT/CAFE/BAR
-  RETAIL STORE
-  ROAD CONSTRUCTION PROJECT
-  ROAD/STREET
-  ROCK CRUSHING SITE
-  ROCK PRODUCTS SITE LOCATION
-  ROCK QUARRY
-  RUBBER PRODUCTS FABRICATION
-  RV PARK
-  SAND AND GRAVEL OPERATIONS
-  SANITARY DISTRICT
-  SCHOOL
-  SCHOOL DISTRICT FACILITY
-  SCRAP METAL SITE
-  SELF STORAGE COMPLEX
-  SEPTAGE LIQUID WASTE TREATMENT FACILITY
-  SERVICE CONTRACTOR'S FACILITY
-  SHOPPING CENTER/STRIP MALL
-  SIPHON
-  SMELTER
-  SOLVENT RECYCLER
-  SPECIAL WASTE FACILITY
-  SPECIAL WASTE GENERATOR
-  STATE WQARF (SUPERFUND) SITE
-  STATE/COUNTY PARK
-  STUDY AREA (NON-SPECIFIC)
-  SUBDIVISION
-  SWIMMING POOL FACILITY
-  TATTOO - BODY PIERCING BUSINESS
-  TECHNICAL OR VOCATIONAL SCHOOL
-  TELECOMMUNICATION FACILITY
-  THERMAL SOIL REMEDIATION SITE
-  TOURIST ATTRACTION
-  TRADING POST
-  TRANSFER STATION
-  TRUCK STOP (RESTAURANT/GAS STATION COMPLEX)
-  TRUCKING COMPANY
-  UNDEFINED PLACE TYPE
-  USED OIL PROCESSOR
-  USED OIL TRANSPORTER INSPECTION SITE
-  UST FACILITY
-  VACANT LOT - UNUSED LAND
-  VEHICLE SALES (AUTO/RV/MOTORSPORTS)
-  VEHICLE TEST TRACK - PROVING GROUNDS
-  VEHICLE WASH
-  VETERINARY CLINIC/ANIMAL HOSPITAL
-  VINEYARD/WINERY
-  WAREHOUSE
-  WASTE TIRE COLLECTION SITE
-  WASTEWATER COLLECTION SYSTEM
-  WASTEWATER REUSE PROJECT
-  WASTEWATER TREATMENT PLANT
-  WILDLIFE REFUGE/PRESERVATION AREA
-  WOODWORKING - WOOD TREATMENT FACILITY
-  ZOO OR WILDLIFE PARK

APPENDIX D
Property Photographs



Photo 1. Southern view from the northwest corner of the subject property. Fence in the background is the approximate boundary.



Photo 2. Control station located on northwest corner, for sump line that serves septic systems on the subject property.



Photo 3. View of temporary office trailers and vehicles on the subject property, looking north from the approximate southern boundary. The closest utility pole is the approximate northern boundary. Water and electrical lines are protruding from the ground in middle and right of photo.



Photo 4. Northern view along the approximate eastern boundary of subject property.



Date & Time: Thu Jan 10 10:24:31 MST 2013
Position: +032.3361° / -111.0715°
Altitude: 2159ft
Azimuth/Bearing: 091° S89E 1618mils (True)
Elevation Angle: +01.6°
Horizon Angle: -00.9°
Zoom: 1X

Photo 5. Eastern view of lined bladder that stores biosolid material, located adjacent to the east of the subject property.



Date & Time: Thu Jan 10 10:58:16 MST 2013
Position: +032.3362° / -111.0717°
Altitude: 2198ft
Azimuth/Bearing: 082° N62E 1102mils (True)
Elevation Angle: -02.5°
Horizon Angle: -01.5°
Zoom: 1X

Photo 6. Several electrical boxes which serve the office trailers on the subject property.



Photo 7. View of superficial staining likely from fuel or oil.



Photo 8. Northwestern view looking at the septic sump control panel, covered by a concrete block shelter.



Photo 9. Waterline valve and spigot on the western border of the subject property.



Photo 10. Southeastern view from the southern boundary of the subject property, looking at the main sludge processing facility of the treatment facility.

APPENDIX E
Additional Records



Pima County Geographic Information Systems

Parcel 214-01-012A

Read the [Disclaimer](#). Information is on this page is **unofficial**.

Mail name and address	Legal description
214-01-012A PIMA COUNTY . . 00000	E2 OF E2 OF LOT 3 EXC N75' 9.44 AC SEC 1-13-12

Situs (property) address

[\(About situs addresses\)](#)

Address sources

Street Address	Jurisdiction	Permit	GIS	Postal City	Zip Code	
5025 W INA RD	MARANA	✓		TUCSON	85743	<input type="button" value="ZIP+4 Lookup"/>
5029 W INA RD	MARANA	✓		TUCSON	85743	<input type="button" value="ZIP+4 Lookup"/>
5043 W INA RD	MARANA		✓	TUCSON	85743	<input type="button" value="ZIP+4 Lookup"/>
5045 W INA RD	MARANA		✓	TUCSON	85743	<input type="button" value="ZIP+4 Lookup"/>
5047 W INA RD	MARANA		✓	TUCSON	85743	<input type="button" value="ZIP+4 Lookup"/>

Information for this parcel

- [Assessor Parcel Detail](#) for tax year 2013 from the [Pima County Assessor's Office](#). Also see [Assessor Record Maps](#).
- [Real Estate Property Tax Inquiry](#) and [Property Tax Statement](#) from the [Pima County Treasurers's Office](#).
- **Recorded Information** from the [Pima County Recorder's Office](#)
 - [Recorded Document](#) for Docket 4805, Page 204.
 - [Voter Precinct and Districts](#) - Using 5025 W INA RD
- A **Subdivision Plat Map** is not available here because the GIS parcel record does not have subdivision Book/Page or Sequence numbers. The parcel may have an associated subdivision Book/Page or Sequence number that isn't documented here. See "Subdivision" in the ["Development" GIS overlay details group](#) results. As another option, the parcel legal description above may have a subdivision name you can search for in [Subdivision Plat Search](#).

- Pima County [Sanitary Sewer Connection Search](#) and [Connection Records Overview](#).
- **Permits** from [Pima County Development Services](#).
 - [Permit Database Search](#)
 - [Historical Permit Cards](#) - Prior to about 1998
- City of Tucson Development Activity Records are not available because the parcel is not in the City of Tucson.
- [Section Information and Maps](#) for Township 13S, Range 12E, Section 1
- **Floodplain Information:**
 - [Parcel Floodplain Information](#). See [FEMA Digital Flood Insurance Rate Maps \(DFIRMs\)](#) for more.
 - Town of Marana jurisdiction. Call (520) 382-2600.

Over 100 parcel details from GIS overlay analysis

[Learn more](#) about parcel GIS overlay details. See a [list of all details](#).

Airports Associations Census Comprehensive Plan - Pima County Development Floodplain - Defined by Pima County RFCD Floodplain - FEMA	Governmental Districts and Areas Grids Incentive Zones Jurisdictions Landscape Classifications Miscellaneous Other Regulatory Areas	Public Safety Schools Sonoran Desert Conservation Plan Transportation Utilities Zoning - Base Zoning - Pima County Overlay Zones
--	---	--

Parcel GIS geometry details

Accuracy is limited to that of the GIS parcel data. All data is subject to this [disclaimer](#).

Parcel centroid coordinates	Approximately 32.335668 degrees latitude, -111.072151 degrees longitude.
Parcel area	<p>This is only an estimate from GIS data. The Subdivision Plat Map, if any, may also specify parcel area. See Finding Parcel Areas.</p> <hr/> Approximately 9.62 acres or 419,140 square feet.

Zoom to maps of the parcel's area

 <ul style="list-style-type: none"> • Main map 	<p>Oblique Aerial Photos</p> <p>You can change the view (N,S,E,W) or pan and zoom the oblique photo.</p>	 <p><input checked="" type="checkbox"/> Parcel marker</p>	<p>Multiple address parcel. Using 5025 W INA</p>
--	---	--	--

<ul style="list-style-type: none">Orthophoto map	<p>If the parcel centroid is outside the oblique photo area, either a flat map is shown or the page remains empty.</p> <hr/> <p> Pictometry Photos Learn more</p> <hr/> <p> Bing Maps Photos If you don't see the oblique photo, pick "2D" then "Bird's Eye".</p> <hr/>	<p><input type="checkbox"/> Add markers? <input type="checkbox"/> Add traffic?</p> <p>Google Maps</p> <p>Pick "Satellite" for photo. Help</p>	<p>RD</p> <hr/> <p> Area Map</p> <p> Area Map</p> <p> Area Map</p>
--	---	---	---



Mineral Resources On-Line Spatial Data

[Mineral Resources](#) > [Online Spatial Data](#) > [Geology](#) > [by state](#) > [Arizona](#)

Holocene river alluvium

Unconsolidated to weakly consolidated sand and gravel in river channels and sand, silt, and clay on floodplains. Also includes young terrace deposits fringing floodplains. (0-10 ka)

State [Arizona](#)

Name Holocene river alluvium

Geologic age Holocene

Original map label Qr

Primary rock type [sand](#)

Secondary rock type [gravel](#)

Other rock types [mud](#); [silt](#)

Lithologic constituents **Minor**

Unconsolidated > Coarse-detrital > Sand (*Terrace, stream*)

Unconsolidated > Coarse-detrital > Sand (*Fluvial*)

Unconsolidated > Coarse-detrital > Gravel (*Terrace, stream*)

Unconsolidated > Coarse-detrital > Gravel (*Fluvial*)

Incidental

Unconsolidated > Fine-detrital > Clay (*Terrace, stream*)

Unconsolidated > Fine-detrital > Clay (*Fluvial*)

Unconsolidated > Fine-detrital > Silt (*Terrace, stream*)

Unconsolidated > Fine-detrital > Silt (*Fluvial*)

Map references Richard, S. M., Reynolds, S.J., Spencer, J. E., and Pearthree, P. A., 2000, Geologic Map of Arizona: Arizona Geological Survey Map 35, 1 sheet, scale 1:1,000,000.

Unit references Richard, S. M., Reynolds, S.J., Spencer, J. E., and Pearthree, P. A., 2000, Geologic Map of Arizona: Arizona Geological Survey Map 35, 1 sheet, scale 1:1,000,000.

Geographic coverage [Cochise](#) - [Gila](#) - [La Paz](#) - [Maricopa](#) - [Mohave](#) - [Pima](#) - [Pinal](#) - [Santa Cruz](#) - [Yavapai](#) - [Yuma](#)

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URL: <http://mrdata.usgs.gov/geology/state/sgmc-unit.php?unit=AZQr;0>

Page Contact Information: [Peter Schweitzer](#)

Soil Map—Tucson-Avra Valley Area, Arizona
(Pima WRF Proposed Biogas Facility)

111° 4' 36"

111° 4' 0"

32° 20' 30"

32° 20' 30"



32° 19' 49"

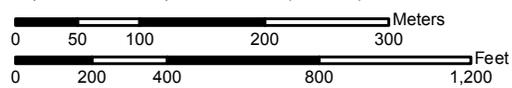
32° 19' 49"

111° 4' 36"

111° 4' 0"



Map Scale: 1:6,000 if printed on A size (8.5" x 11") sheet.



MAP LEGEND

 Area of Interest (AOI)	 Very Stony Spot
 Soils	 Wet Spot
 Area of Interest (AOI)	 Other
 Soil Map Units	Special Line Features
Special Point Features	 Gully
 Blowout	 Short Steep Slope
 Borrow Pit	 Other
 Clay Spot	Political Features
 Closed Depression	 Cities
 Gravel Pit	Water Features
 Gravelly Spot	 Streams and Canals
 Landfill	Transportation
 Lava Flow	 Rails
 Marsh or swamp	 Interstate Highways
 Mine or Quarry	 US Routes
 Miscellaneous Water	 Major Roads
 Perennial Water	 Local Roads
 Rock Outcrop	
 Saline Spot	
 Sandy Spot	
 Severely Eroded Spot	
 Sinkhole	
 Slide or Slip	
 Sodic Spot	
 Spoil Area	
 Stony Spot	

MAP INFORMATION

Map Scale: 1:6,000 if printed on A size (8.5" x 11") sheet.
The soil surveys that comprise your AOI were mapped at 1:20,000.

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 accurate map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: UTM Zone 12N NAD83

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

Soil Survey Area: Tucson-Avra Valley Area, Arizona
Survey Area Data: Version 6, Sep 5, 2008

Date(s) aerial images were photographed: 6/23/2007

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

Tucson-Avra Valley Area, Arizona (AZ668)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Gh	Grabe loam	1.4	100.0%
Totals for Area of Interest		1.4	100.0%

Tucson-Avra Valley Area, Arizona

Gh—Grabe loam

Map Unit Setting

Elevation: 2,000 to 3,000 feet
Mean annual precipitation: 10 to 12 inches
Mean annual air temperature: 66 to 70 degrees F
Frost-free period: 230 to 280 days

Map Unit Composition

Grabe and similar soils: 100 percent

Description of Grabe

Setting

Landform: Flood plains, alluvial fans
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Tread, dip
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Recent alluvium

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Rare
Frequency of ponding: None
Calcium carbonate, maximum content: 10 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 13.0
Available water capacity: High (about 9.3 inches)

Interpretive groups

Farmland classification: Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season
Land capability classification (irrigated): 1
Land capability (nonirrigated): 7c
Hydrologic Soil Group: B
Ecological site: Loamy Swale 10-13" p.z. (R040XA112AZ)

Typical profile

0 to 18 inches: Loam

18 to 60 inches: Stratified loam to silt loam

Data Source Information

Soil Survey Area: Tucson-Avra Valley Area, Arizona
Survey Area Data: Version 6, Sep 5, 2008

APPENDIX F

Correspondence

Record of Conversation – Pima Biogas Facility, SWCA P/N 25308

Site visit conducted by Devin Keane, SWCA, on January 10, 2013

On site interview with Art Norzagaray, the Waste Treatment Plant Manager, and Patrick Paddock, a knowledgeable employee for the facility. They answered standard questions on property history, leaks, tanks, utility connections, indicating no evidence of RECs.

On January 10, 2013, SWCA conducted an on-site visit with Art Norzagaray and Patrick Paddock. Mr. Norzagaray has been the Plant Manager for approximately 1.5 years and working at various facilities in the Pima County Wastewater Treatment System for 13 years. Mr. Paddock has worked at the facility for 16 years. Mr. Norzagaray escorted Mr. Keane through the treatment facility to the subject property and noted that the boundaries roughly followed pointed out fence lines. According to both individuals, the subject property has been primarily used as either a laydown area during construction of other facilities, temporary office trailers, and other storage. They indicated that the number of office trailers change configuration or total number depending on construction activities taking place at the facility. Mr. Paddock mentioned that there are several septic tanks serving the office trailers and were intended to be temporary, but are still in use.

They both indicated that the adjacent bladder pond used to treat biosolids to the east occasionally discharges to adjacent areas during heavy storm events, but that it is a superficial event and any cleanups necessary take place immediately following the event. Both individuals also indicated that the fueling station to the west of the subject property was active and had probably experienced minor spills over the years but are remediated, and that no significant spills have occurred. According to Mr. Norzagaray, the land use prior to the treatment facility was agricultural. Neither party was aware of any contamination, leaks, spills, or other environmental concerns associated with the subject property. Other information about the subject property included an abandoned 24" gravity waterline that ran east-west under the subject property to a well no longer in use. Although unlikely since the entire facility began construction in 1977, they were not aware if the office facilities were old enough that asbestos-containing products and/or lead-based paint could have been used for construction or renovation in the past.

A Phase I ESA User Questionnaire was not completed because most items were either covered during onsite conversations or not applicable.