

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**120 ACRES OF DESERT LAND
NORTHEAST OF HAPPY VALLEY & LAKE PLEASANT ROADS
PEORIA, ARIZONA**

PREPARED FOR:

**EVERGREEN DEVELOPMENT
2390 EAST CAMELBACK ROAD, SUITE 410
PHOENIX, ARIZONA 85016**

&

**ARIZONA STATE LAND DEPARTMENT
1616 WEST ADAMS STREET
PHOENIX, ARIZONA 85007**

OCTOBER 14, 2005

LIESCH PROJECT NUMBER 6201319.00

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2390 East Camelback Road, Suite 410
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&
Arizona State Land Department
1616 W. Adams Street
Phoenix, Arizona 85007**

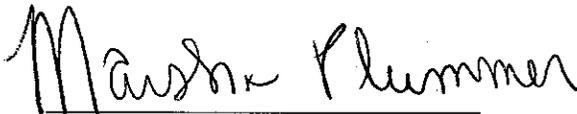
PREPARED BY:

**Liesch Southwest, Inc.
4300 North Miller Road, Suite 200
Scottsdale, Arizona 85251
480/421-0853**

October 14, 2005

Project #6201319.00

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



**Marsha Plummer
Environmental Scientist**

Reviewed by:



**Michael Hulpke, R.G.
Senior Project Manager**

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EXECUTIVE SUMMARY

Liesch Southwest Inc., (Liesch) was retained by Evergreen Development on September 30, 2005 to perform a Phase I Environmental Site Assessment (ESA) of 120 acres of desert land which is located northeast of Happy Valley and Lake Pleasant Roads in Peoria, Arizona (the Property). The Phase I ESA included a review of historical and regulatory agency documents and aerial photographs, a walk-over survey to evaluate the Property for the possible presence of hazardous substances and contaminants, and interviews with persons knowledgeable about current and past site activities.

The Property consists of 120 acres of desert land. Groundcover on the Property consisted of trees, cacti, bushes, and grasses. A large wash was observed crossing the northern portion of the Property from the northeast to the southwest. The wash appeared to be channelized in the northwest portion of the Property. Piles of river rocks associated with channelizing the wash appeared in the northwest portion of the Property. Smaller washes were observed in the northern portion of the Property. The northern portion of the Property was hilly and the Property was sloped down to the south. Soil piles intermixed with gravel and concrete irrigation scuppers were observed in the northeast portion of the Property. Soil piles that appeared to be used for bike and off road vehicle ramps were observed in the southeast corner of the Property. A dirt roadway and a high pressure natural gas line crossed on the central portion of the Property from north to south. Scattered debris and piles of debris were observed throughout out the Property. The debris consisted of but was not limited to, sod (grass), tile, wood, metal, car parts, tires, plastic pipes, glass, AC units, metal pipes, plastic plant containers, household items, rusted metal containers, bricks, carpet, cardboard, furniture, rusted paint containers, concrete, asphalt and piles of vegetation. No stained areas appeared to be associated with the debris. No evidence of buried debris was observed to be associated with the debris and debris piles. Dirt roadways were observed throughout the Property.

Based on records reviewed, the Property has been desert land with desert washes since at least 1958.

The Property is located at an elevation of approximately 1,350 feet above mean sea level. Regional topography of the Property is generally level and slopes gradually down to the south. According to published maps, depth to groundwater in the project area varies from between 95 feet below ground surface (bgs) and 350 feet bgs, and regional groundwater flow was undeterminable.

The Property was not referenced in the environmental databases reviewed. No additional sites were listed within the applicable search radius.

Liesch has performed a Phase I ESA of the Property in general conformance with the scope and limitations of ASTM Practice E 1527-00 and client specifications. Any exceptions to, or deletions from, the ASTM Practice are described in **Section 2.0** of this report. Based on information obtained

for this report and our resulting conclusions, Liesch concluded that there is no evidence of recognized environmental conditions relating to the Property.

The following item of environmental note is not recognized environmental condition for the Property:

- Scattered debris and small piles of debris were observed throughout out the Property. The debris consisted of but was not limited to, sod (grass), tile, wood, metal, car parts, tires, plastic pipes, glass, AC units, metal pipes, plastic plant containers, household items, rusted metal containers, bricks, carpet, cardboard, furniture, rusted paint containers, concrete, asphalt and piles of vegetation. No stained areas or areas of buried debris appeared to be associated with the debris. All of the debris should be removed from the Property and disposed of at an approved facility. If any potentially hazardous materials or conditions are identified within the debris areas during redevelopment of the Property, or should any debris be identified beneath the surface during development activities, an environmental professional should be consulted regarding the management and disposition of the debris.

Liesch makes no recommendations other than those listed above.

1.0 INTRODUCTION

Liesch Southwest Inc., (Liesch) was retained by Evergreen Development on September 30, 2005 to perform a Phase I Environmental Site Assessment (ESA) of 120 acres of desert land which is located northeast of Happy Valley and Lake Pleasant Roads in Peoria, Arizona (the Property). One purpose of this ESA is to potentially qualify for the innocent landowner defense to Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) liability as defined in 42 USC § 9601 (35) (B).

Services performed by Liesch were conducted in general conformance with the American Society for Testing and Materials (ASTM) designation E-1527-00, the Standard Practice for Environmental Site Assessments. This report presents the information obtained by Liesch during the course of this ESA investigation.

2.0 SCOPE OF WORK

The scope of work conducted by Liesch for this ESA includes the following items:

- Contacts with state, county and city regulatory agencies to determine if any environmental problems or spills have been reported on or adjacent to the site under investigation;
- Review of available plans, drawings, surveys and similar documents concerning the Property;
- Review of a regulatory database search provided by Environmental Database Research (EDR);
- Interviews with persons knowledgeable of past and present activities on the Property;
- A walk-over survey to identify any readily apparent environmental concerns on the Property or adjacent parcels;
- A review of available historical documents, aerial photographs and other data obtained from private and municipal sources, to assess previous land uses on and near the Property and;
- Preparation and submittal of a report summarizing the findings of the Phase I ESA.

This Phase I ESA was prepared in general accordance with ASTM Standard Practice E1527-00. There were no exceptions to, or deletions from, this standard practice, except that Liesch was unable to locate a reasonably ascertainable information source that adequately identified the use of the Property back to 1940 and an interviews with the Property owner was not conducted. The earliest available information source was dated 1957 (topographic map). This Phase I ESA does not include

a comprehensive compliance analysis regarding local, state or federal environmental laws, rules or regulations. The following sections discuss the information obtained for this project and **Section 8.0** presents our conclusions and recommendations. This ESA is limited to performance of the defined services for the exclusive use of Evergreen Development and the Arizona State Land Department. Reliance upon the final work product shall be limited to specified parties so designated in this report.

3.0 PROPERTY BACKGROUND

3.1 Property Location

The Property is located northeast of Happy Valley and Lake Pleasant Roads in Peoria, Arizona. The Property is further located within the southwest quarter of Section 4, Township 4 North, Range 1 East of the Gila and Salt River Baseline and Meridian, Peoria, Maricopa County, Arizona.

A vicinity map, showing the Property in relation to major cross streets and landmarks, is presented as **Figure 1 (Appendix A)**.

3.2 Property Description

The Property consists of 120 acres of desert land. Groundcover on the Property consisted of trees, cacti, bushes, and grasses. A large wash was observed crossing the northern portion of the Property from the northeast to the southwest. The wash appeared to be channelized in the northwest portion of the Property. Piles of river rocks associated with channelizing the wash appeared in the northwest portion of the Property. Smaller washes were observed in the northern portion of the Property. The northern portion of the Property was hilly and the Property was sloped down to the south. Soil piles intermixed with gravel and concrete irrigation scuppers were observed in the northeast portion of the Property. Soil piles that appeared to be used for bike and off road vehicle ramps were observed in the southeast corner of the Property. A dirt roadway and a high pressure natural gas line crossed on the central portion of the Property from north to south. Scattered debris and piles of debris were observed throughout out the Property. The debris consisted of but was not limited to, sod (grass), tile, wood, metal, car parts, tires, plastic pipes, glass, AC units, metal pipes, plastic plant containers, household items, rusted metal containers, bricks, carpet, cardboard, furniture, rusted paint containers, concrete, asphalt and piles of vegetation. No stained areas appeared to be associated with the debris. No evidence of buried debris was observed to be associated with the debris and debris piles. Dirt roadways were observed throughout the Property.

A site plan, presented as **Figure 2 (Appendix A)**, identifies the Property and adjacent sites. Client provided information is presented in **Appendix B**

3.3 Current Ownership

The Property is currently owned by the Arizona State Land Department.

3.4 Prior Use

Based on records reviewed, the Property has been desert land since at least 1958.

3.5 Adjacent Properties

Present land uses of adjoining sites and the project area are summarized below:

North: Desert land.

East: Residential structures.

West: Lake Pleasant Road with desert land beyond.

South: Happy Valley Road and desert land beyond.

Area Reconnaissance - Land use in the general vicinity includes: residential structures and desert land.

4.0 PROPERTY HISTORY

4.1 Aerial Photograph Review

Aerial photographs for the years 1958, 1964, 1979, 1989, and 1992 were obtained from EDR. Aerial photographs from 1999, 2000, 2001, 2002, 2003, 2004 and 2005 were obtained from the Maricopa County Assessors Office web site. Aerial photographs provided by EDR have been included in **Appendix C** and a copy of the 2005 aerial photograph is included as **Figure 3** in **Appendix A**. The information obtained during the review is summarized as follows:

1958-1979

The Property appeared as native desert land. A large desert wash was observed crossing the Property from the northeast to the southwest. Several smaller washes were observed throughout the northern portion of the Property. A major dirt roadway was observed crossing the central portion of the Property from north to south. This road was in the same location as the current dirt road and associated high pressure natural gas pipeline. Small dirt roadways were observed throughout the southern portion of the Property. Native desert land with desert washes was observed north and east of the Property. Happy Valley Road was observed south of the Property with native desert land beyond. Native desert land was observed west of the Property with Lake Pleasant Road beyond.

1989-1992

No significant changes to the Property or the project area were observed except, scattered residential structures and dirt roadways were observed east of the Property.

1999-2005

No significant changes to the Property were observed. Continued development of residential structures and roadways were observed east of the Property. No other significant changes to the project area were observed.

4.2 Topographic Maps, City Directories and Sanborn Maps

Liesch reviewed the USGS 7.5-minute series topographic map "Calderwood Butte, Arizona", dated 1957 photorevised in 1981. Topographic maps may identify structures, roads and general use of a Property for the year determined by the date of the map. A wash was depicted crossing the Property from the northeast to the southwest. A pipeline was depicted crossing the central portion of the Property from north to south. Happy Valley Road was depicted south of the Property. Lake Pleasant Road was depicted west of the Property with additional washes depicted beyond. No additional features were depicted on the Property in the 1981 photorevised map. An unimproved roadway was depicted east of the Property.

Since the Property is not developed, city directories were not reviewed.

Sanborn Fire Insurance Maps (Sanborns) were prepared for the Phoenix metropolitan area and various other communities for selected years starting in the late 1800s. Sanborn maps typically show addresses, structures, and improvements, such as utilities and storage tanks for the areas

covered. Liesch requested a Sanborn Map search for the area of the Property from EDR. EDR indicated that no Sanborn Map coverage is available for the Property. The EDR response is included as **Appendix C**.

4.3 Interviews

Liesch contacted Mr. Bruce Campbell, Environmental Specialist with the Arizona State Land Department (ASLD) on October 24, 2005, to obtain information on the Property. Mr. Campbell reported the ASLD keeps a file for all property they own, and the file for the Property does not contain any environmental information about the Property. Mr. Campbell also reported that he is personally familiar with the Property, and he is not aware of any significant environmental concerns regarding the Property.

4.4 Review of Previous Environmental Reports

Liesch was not provided with any previous reports for the Property.

5.0 ASSESSMENT INFORMATION

5.1 Regulatory File Search

A computerized file search organization, EDR, conducted an evaluation of regulatory databases to determine if identifiable environmental concerns exist on or within the ASTM-defined radii from the Property. Given the size of the Property, the search radius was expanded by ½ mile. The complete EDR report is included in **Appendix C**. The EDR response consisted of an examination of the following U.S. Environmental Protection Agency (EPA) and ADEQ databases, as follows:

A) Databases searched to 1.5 mile:

- EPA - National Priorities List (NPL, or Superfund);
- EPA - Corrective Action Report (CORRACTS);
- ADEQ - Water Quality Assurance Revolving Fund, state equivalent of NPL (AZ WQARF);
- NTIS - Record of Decision (ROD);
- ADEQ - State Hazardous Waste site (SHWS; termed ACIDS sites – Arizona CERCLIS Information Data System - by ADEQ); and
- EPA - Superfund (CERCLA) Consent Decrees (CONSENT).
- EPA - Delisted NPL Sites;

- EPA - Department of Defense sites (DOD);
- EDR - Former Manufactured Gas (Coal Gas) Sites;
- ADEQ - Superfund Program List (SPL);
- EPA - Proposed NPL sites (Proposed NPL);
- EPA - Formerly Used Defense Sites (FUDS);
- EPA - Indian Reservations (INDIAN RESERV);

B) Databases searched to 1.0 mile:

- EPA - Resource Conservation and Recovery Information System (RCRIS) permitted Treatment, Storage and Disposal (TSD) facilities;
- EPA - Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS);
- ADEQ - Directory of Solid Waste Facilities including Incinerators, Transfer Stations, Open and Closed Solid Waste Landfills, (SWF/LS);
- ADEQ - Leaking Underground Storage Tanks (LUSTs);
- ADEQ - Wastewater treatment facilities (WWFAC);
- EPA - Listing of Brownfield Sites (US BROWNFIELDS);
- EPA - Leaking Underground Storage Tanks on Indian Land (INDIAN LUST);
- ADEQ - Voluntary Remedial Program sites (VCP);
- ADEQ - State Department of Defense sites (AZ DOD);and
- US BROWNFIELDS - Voluntary Remediation Program Sites (VCP).

C) Databases search to 0.75 mile:

- ADEQ - Registered Underground Storage Tanks (USTs);
- EPA - RCRIS small-quantity generators of hazardous waste (SQG);
- EPA - RCRIS large-quantity generators of hazardous waste (LQG); and
- Department of Labor, Mine Safety and Health Administration - Mines Master Index File(MINES);
- EPA - CERCLIS Sites designated "No Further Remedial Action Planned" (NFRAP);
- EPA - Underground Storage Tanks on Indian Land (INDIAN UST); and
- US BROWNFIELDS - DEUR Database (AUL).

D) Databases searched to 0.5 mile:

- EPA - RCRA Administrative Action Tracking System (RAATS);
- USDOT - Hazardous Materials Information Reporting System (HMIRS);

- EPA - PCB Activity Database System (PADS);
- EPA - Emergency Response Notification System of Spills (ERNS);
- EPA - Facility Index System (FINDS);
- EPA - Toxic Chemical Release Inventory System (TRIS);
- EPA - Federal Superfund Liens (NPL Liens);
- EPA - Toxic Substances Control Act (TSCA);
- Nuclear Regulatory Commission - Material Licensing Tracking System (MLTS);
- ADEQ - Hazardous Materials Release Inventory (AZ Spills);
- ADEQ - Arizona Aquifers; Waste Water Treatment Facilities with Aquifer Protection Permits;
- ADEQ - Arizona Airs Database of Major and Minor sources (AIRS);
- ADEQ - Registered Drywells;
- EPA - Section 7 Tracking Systems (SSTS);
- EPA - FIFRA/TCSA Tracking System (FTTS);
- ADEQ - Registered Aboveground Storage Tanks (AST); and
- EPA - Federal Superfund Liens (NLP Liens).

The Property was not referenced in the environmental databases reviewed. No additional sites were listed within the applicable search radius.

Unmappable Sites: EDR was unable to map 21 sites due to inadequate address information. These sites are listed on page 8 of the EDR report included in **Attachment C** where they are noted in an "Orphan Summary". Liesch located the sites by the partial addresses and none of these sites appear within the applicable search radius for the Property.

5.2 State of Arizona Response

EDR used databases prepared by the Arizona Department of Environmental Quality (ADEQ) and U.S. Environmental Protection Agency (EPA) to determine if documented environmental concerns exist on or within the applicable search radius of the Property. Liesch reviewed these databases to identify any sites or facilities that could have an adverse environmental impact on the Property (see **Section 5.1**).

Liesch also reviewed the Arizona Department of Water Resources (ADWR) well registration database online. According to the well registration database, there are no wells located in the southwest portion of Section 4, Township 4 North, Range 1 East. No wells were observed on the Property during the site walk-over.

5.3 Maricopa County Response

According to personnel at the Maricopa County Environmental Services Department, the County will do initial investigation of complaints, however, they do not maintain records regarding the environmentally impacted sites beyond the initial investigation. County personnel further stated that questions and results of the initial investigation regarding environmental contamination in Maricopa County are directed to the respective cities, ADEQ or EPA.

5.4 City of Peoria Fire Department

Typically, Liesch contacts the City of Peoria Fire Department in an effort to determine if documents regarding hazardous materials permits, hazardous materials incidents, or UST activities exist for the subject Property. Since no physical address has been identified for the Property, it is Liesch's experience that the government agencies cannot research permits and/or records without an address. Therefore, given the lack of a Property address, no information was obtained regarding hazardous materials permits, hazardous materials incidents, or UST activities from the City of Peoria Fire Department.

6.0 PHYSICAL SETTING

6.1 Topography

The Property is sloped down towards the south and is located at an elevation of approximately, 1,350 feet above mean sea level. The regional topographic gradient slopes down to the south. Elevation and topographic information were obtained from the USGS Calderwood Butte, Arizona, 7.5-minute topographic map.

6.2 Regional Geology

The Property is located in the northwest portion of the West Salt River Valley sub basin of the Phoenix Active Management Area (Brown & Pool, 1989). The Salt River Valley is a broad alluvial basin within the Basin and Range Physiographic Province in south central Arizona (Wilson, 1962). The basin is almost completely surrounded by mountains composed primarily of granitic, metamorphic and volcanic rocks. The valley floor is underlain by unconsolidated to semi-consolidated basin-fill sediments that are more than 10,000 feet thick in the central part of the basin.

Depth to bedrock in the project area is estimated to be less than 500 feet. Bedrock outcrops and small mountains (including Calderwood Butte) are located north, east and west of the Property.

6.3 Surface and Groundwater Hydrology

The principal drainage through the Phoenix Basin is the Salt River, an ephemeral stream that normally flows only in response to reservoir releases or significant precipitation events. The Property is located approximately 24 miles north of the Salt River, approximately 2 miles east of the Agua Fria River and approximately 2 ½ miles west of the New River (normally dry tributaries of the Salt River). There were no other rivers, lakes or other surface water features in the project area.

According to maps published by Hammett and Herther (1995), depth to groundwater in the project area varies from between 95 bgs and 350 feet bgs, and regional groundwater flow was undeterminable. No specific information was found concerning the depth to groundwater on the Property. The uses of groundwater in the project area include residential.

7.0 WALK-OVER SURVEY

Liesch representative Ms. Marsha Plummer conducted a walk-over survey of the Property on October 11, 2005. The purpose of the walk-over survey is to identify any obvious indications of contamination or other items of environmental concern on the Property or immediately adjoining areas. Ms. Plummer was unaccompanied at the time of the site walkover. Site photographs from the walk-over survey are included in **Appendix E**.

General Notes

The Property consists of 120 acres of desert land. The northern portion of the Property was hilly and the Property was sloped down to the south. Soil piles intermixed with gravel and concrete irrigation scuppers were observed in the northeast portion of the Property. A dirt roadway and a high pressure natural gas line were located on the central portion of the Property. Dirt roadways were observed throughout the Property.

7.1 Vegetation and Stained Soil

Groundcover on the Property consisted of trees, cacti, bushes, and grasses. No stained soils or stressed vegetation were observed on the Property.

7.2 Chemicals and Raw Materials

Liesch did not observe any chemicals or raw materials on the Property.

7.3 Polychlorinated Biphenyls (PCBs)

Liesch did not observe any electrical transformers or other potential sources of PCBs on the Property.

7.4 Asbestos-Containing Materials (ACMs)

No structures were observed on the Property. The debris located on Property may contain ACMs. No other sources of ACMs were observed on the Property.

7.5 Hazardous Wastes and Hazardous Substances

Liesch did not observe any hazardous wastes and/or substances on the Property.

7.6 Landfills, Dumps, Debris Piles

Scattered debris and piles of debris were observed throughout out the Property. The debris consisted of but was not limited to, sod (grass), tile, wood, metal, car parts, tires, plastic pipes, glass, AC units, metal pipes, plastic plant containers, household items, rusted metal containers, bricks, carpet, cardboard, furniture, rusted paint containers, concrete, asphalt and piles of vegetation. No stained areas appeared to be associated with the debris. No evidence of buried debris was observed to be associated with the debris and debris piles. Soil piles that appeared to be used for bike and off road vehicle ramps were observed in the southeast corner of the Property. Liesch did not observe any landfills, dumps or other debris piles on the Property.

7.7 Pits, Sumps, Ponds, Wells, Dry wells, Catch Basins

A large wash was observed crossing the northern portion of the Property from the northeast to the southwest. The wash appeared to be channelized in the northwest portion of the Property. Piles of river rocks associated with channelizing the wash appeared in the northwest portion of the Property. Smaller washes were observed in the northern portion of the Property. Liesch did not observe any pits, sumps, ponds, wells, dry wells, or catch basins on the Property.

7.8 On-Site Storage Tanks (Aboveground and Underground)

Liesch did not observe evidence of on-site USTs on the Property. No ASTs were observed on the Property.

7.9 Off-Site Storage Tanks

Liesch did not any observe evidence of storage tanks on adjoining properties.

7.10 Stormwater Drainage

Based upon the Property characteristics observed during the walk-over survey, stormwater at the Property would most likely be retained on-site infiltrating into the Property soils or directed towards the on-site washes. No indications were observed that stormwater runoff from adjoining sites has adversely affected the Property.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Liesch has performed a Phase I ESA of the Property in general conformance with the scope and limitations of ASTM Practice E 1527-00 and client specifications. Any exceptions to, or deletions from, the ASTM Practice are described in **Section 2.0** of this report. Based on information obtained for this report and our resulting conclusions, Liesch concluded that there is no evidence of recognized environmental conditions relating to the Property.

The following item of environmental note is not recognized environmental condition for the Property:

- Scattered debris and small piles of debris were observed throughout out the Property. The debris consisted of but was not limited to, sod (grass), tile, wood, metal, car parts, tires, plastic pipes, glass, AC units, metal pipes, plastic plant containers, household items, rusted metal containers, bricks, carpet, cardboard, furniture, rusted paint containers, concrete, asphalt and piles of vegetation. No stained areas or areas of buried debris appeared to be associated with the debris. All of the debris should be removed from the Property and disposed of at an approved facility. If any potentially hazardous materials or conditions are identified within the debris areas during redevelopment of the Property, or should any debris be identified beneath the surface during

development activities, an environmental professional should be consulted regarding the management and disposition of the debris.

Liesch makes no recommendations other than those listed above.

9.0 QUALIFICATIONS

Qualifications of this author are attached in **Appendix F**.

10.0 REFERENCES

Reference Documents

Hammett, B.A. and Herther, R.L., 1995, Maps Showing Groundwater Conditions in the Phoenix Active Management Area, Maricopa, Pinal, and Yavapai Counties, Arizona--1992, Arizona Department of Water Resources (ADWR) Hydrologic Map Series Report Number 27, July.

Brown, J.G. & Pool, D.R., 1989, Hydrogeology of the Western Part of the Salt River Valley Area, Maricopa County, Arizona, U.S. Geological Survey Water-Resources Investigations Report 88-4202.

U.S. Geological Survey (USGS), 1981, Calderwood Butte, Arizona 7.5-minute Series Topographic Map.

Wilson, E.D., 1962, A Resume of the Geology of Arizona, The Arizona Bureau of Mines, Bulletin 171.

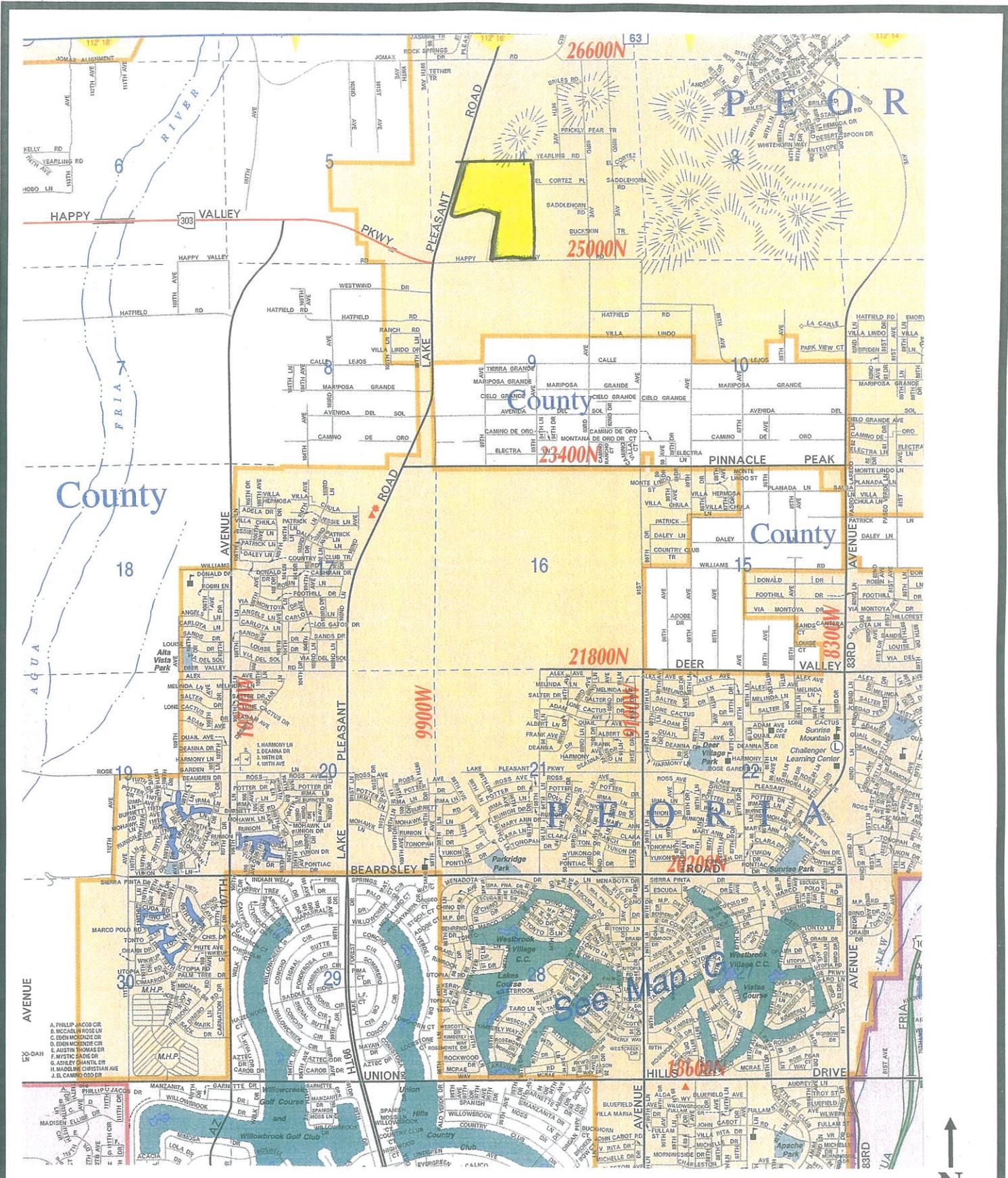
Interviews

Interview with Mr. Bruce Campbell, Environmental Specialist with the Arizona State Land Department (ASLD) on October 24, 2005.

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APPENDIX A

FIGURES



Source: Pinal County Wide World of Map 2005 Edition

LIESCH HYDROGEOLOGISTS • ENGINEERS • ENVIRONMENTAL SCIENTISTS

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(609) 223-1532

13400 15th Avenue N
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(612) 559-1423

4300 N. Miller Rd., Suite 200
Scottsdale, AZ 85251
(480) 421-0853

VICINITY MAP

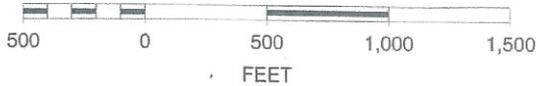
120 Acres of Desert Land
Peoria, Arizona

FIGURE 1

October
2005



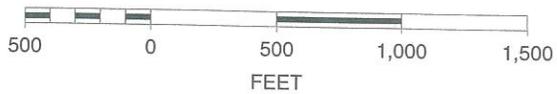
SCALE 1 : 9,106



Source: Maricopa County Assessors Website



SCALE 1 : 9,106



Source: Maricopa County Assessors Website

LIESCH HYDROGEOLOGISTS • ENGINEERS • ENVIRONMENTAL SCIENTISTS

6000 Gisholt Dr, Suite 203
Madison, WI 53713
(609) 223-1532

13400 15th Avenue N
Minneapolis, MN 55441
(612) 559-1423

4300 N. Miller Rd., Suite 200
Scottsdale, AZ 85251
(480) 421-0853

2005 Aerial Photograph

FIGURE 3

120 Acres of Desert Land
Peoria, Arizona

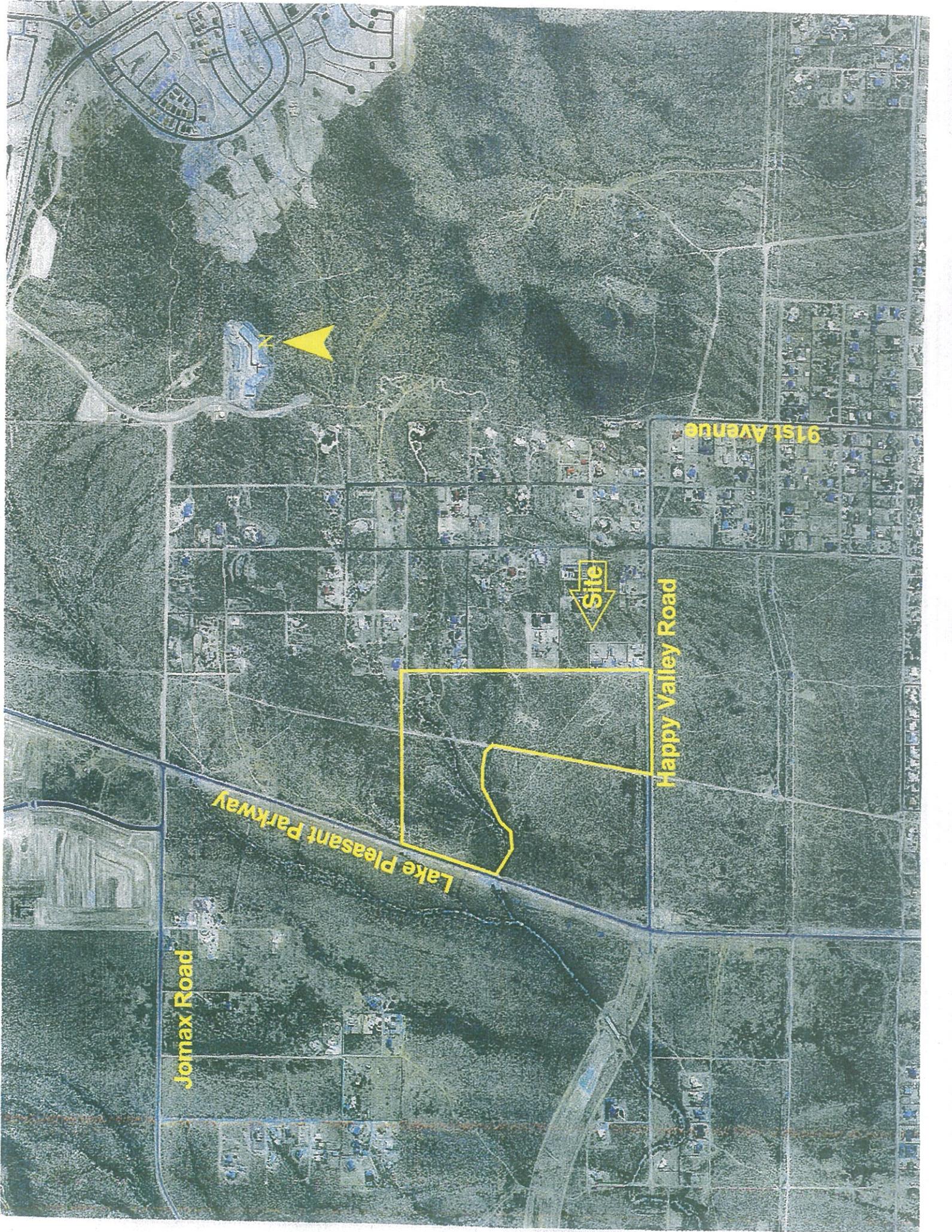
October
2005

APPENDIX B

CLIENT PROVIDED INFORMATION

APPENDIX B

CLIENT PROVIDED INFORMATION



Jomax Road

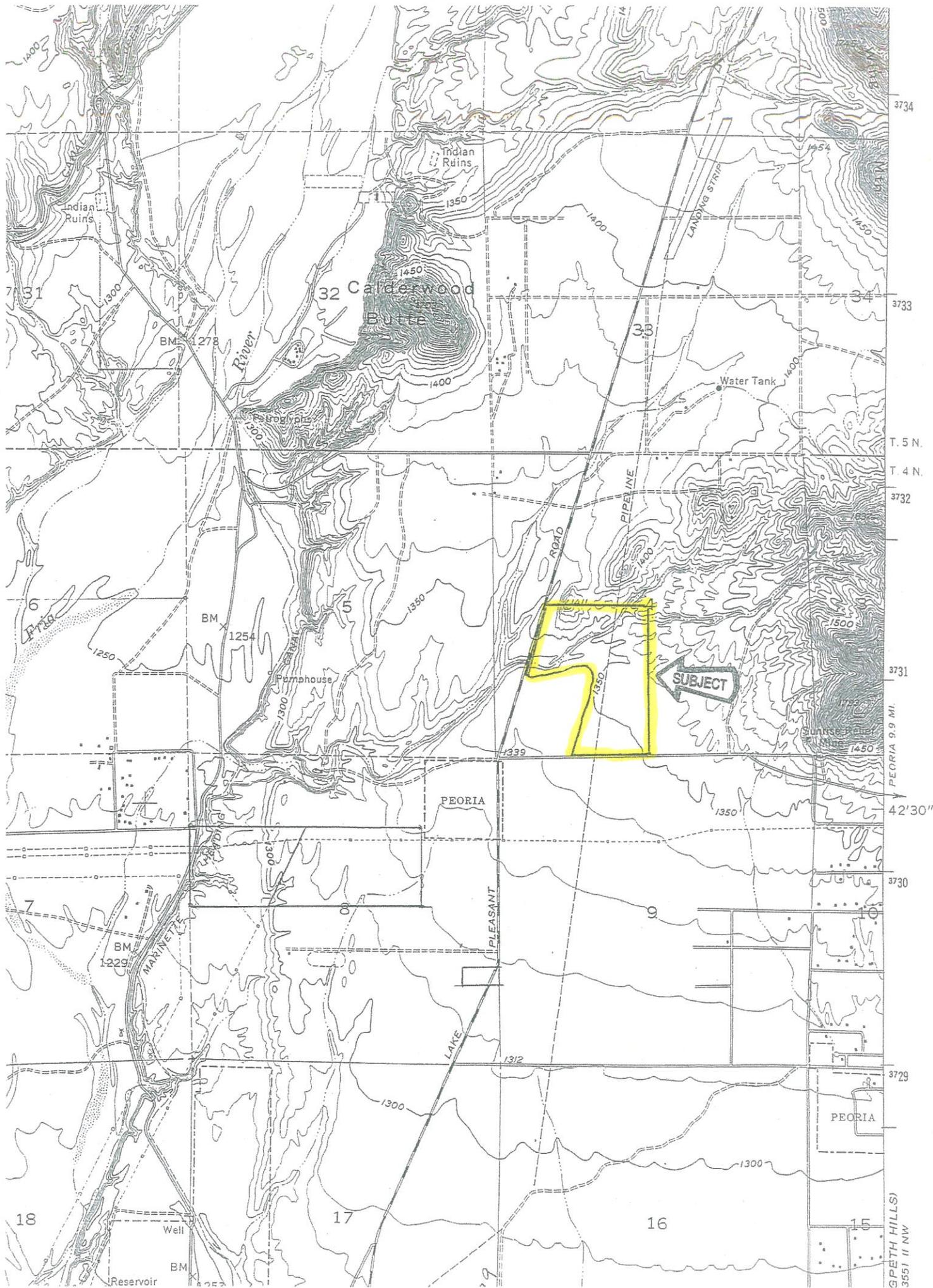
Lake Pleasant Parkway

Happy Valley Road

91st Avenue

Site





APPENDIX C

EDR REPORTS



EDR® Environmental
Data Resources Inc

The EDR Aerial Photo Decade Package

**Evergreen Development
NE Happy Valley/Lake Pleasant
Peoria, AZ 85383**

Inquiry Number: 1527585.4

October 07, 2005

The Standard in Environmental Risk Management Information

**440 Wheelers Farms Road
Milford, Connecticut 06461**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com**

THE EDR AERIAL PHOTO DECADE PACKAGE

Environmental Data Resources, Inc.'s (EDR) Aerial Photo Decade Package is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities.

ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM Standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable means information that is publicly available, obtainable from a source within reasonable time and cost constraints, and practically reviewable*. To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.4, page 12).

EDR has one of the nation's largest collections of historical aerial photography. EDR's Aerial Photo Decade Package provides digitally reproduced historical aerial photographs and includes one photo per decade, where available.

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

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Date EDR Searched Historical Sources:

Aerial Photography October 07, 2005

Target Property:

NE Happy Valley/Lake Pleasant

Peoria, AZ 85383

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1958	Aerial Photograph. Scale: 1"=750'	Panel #: 2433112-F3/Flight Date: January 06, 1958	EDR
1964	Aerial Photograph. Scale: 1"=750'	Panel #: 2433112-F3/Flight Date: January 29, 1964	EDR
1979	Aerial Photograph. Scale: 1"=750'	Panel #: 2433112-F3/Flight Date: May 13, 1979	EDR
1989	Aerial Photograph. Scale: 1"=750'	Panel #: 2433112-F3/Flight Date: January 29, 1989	EDR
1992	Aerial Photograph. Scale: 1"=750'	Panel #: 2433112-F3/Flight Date: September 06, 1992	EDR

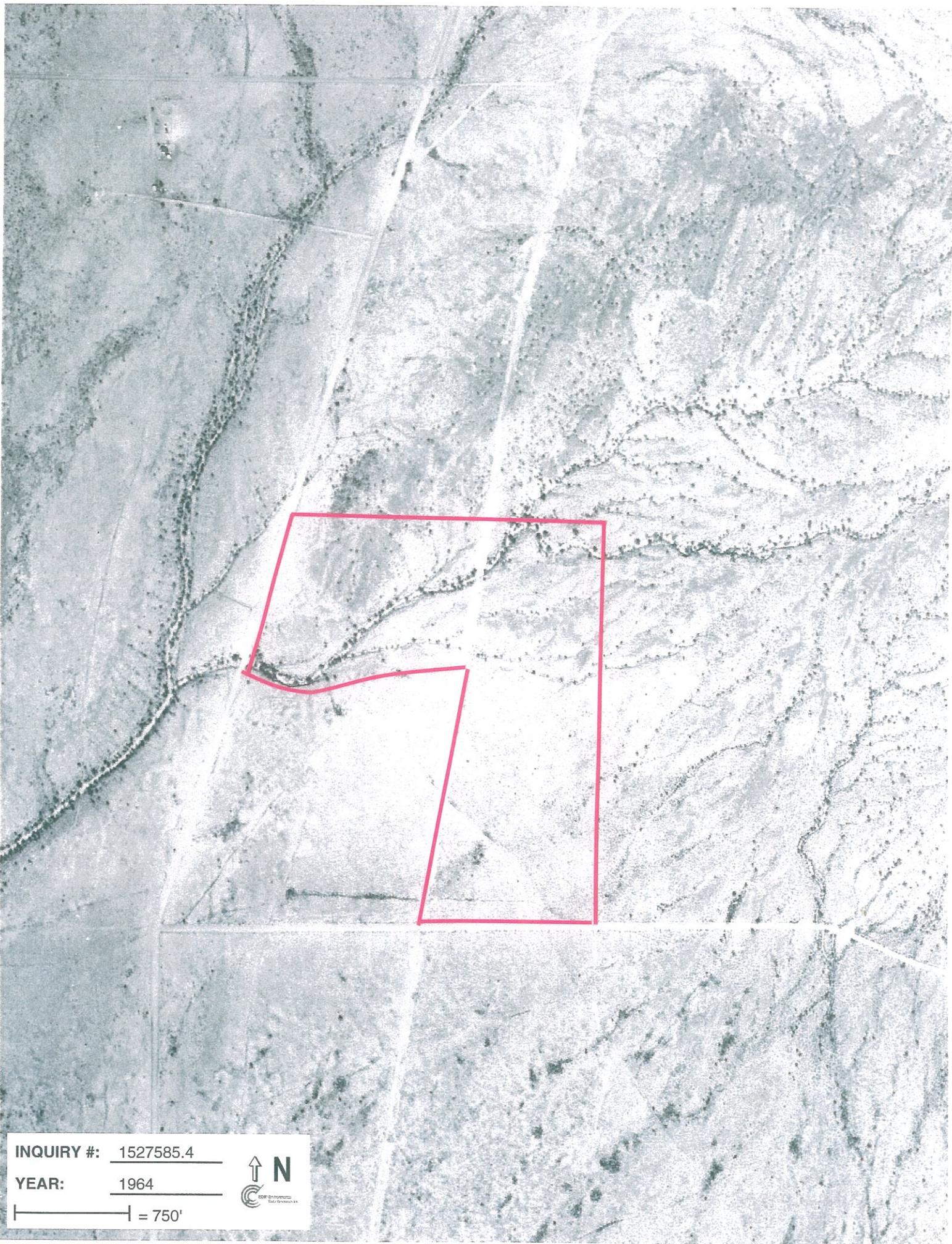


INQUIRY #: 1527585.4

YEAR: 1958

| = 750'





INQUIRY #: 1527585.4

YEAR: 1964

| = 750'



ES&S Environmental
Solutions Inc.



INQUIRY #: 1527585.4

YEAR: 1979

— = 750'





INQUIRY #: 1527585.4

YEAR: 1989

| = 750'





INQUIRY #: 1527585.4

YEAR: 1992

| = 750'





"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Amy E. Van Beynen
Liesch Southwest, Inc.
4300 North Miller Road
Scottsdale, AZ 85251

Order Date: 10/6/2005 **Completion Date:** 10/6/2005

Inquiry #: 1527585.3

P.O. #: Evergreen

Site Name: Evergreen Development

Address: NE Happy Valley/Lake Pleasant

City/State: Peoria, AZ 85383

Cross Streets:

Customer Project: 6201319.00
1028059MER 480-421-0853

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

NO COVERAGE

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EDR® Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**Evergreen Development
NE Happy Valley/Lake Pleasant
Peoria, AZ 85383**

Inquiry Number: 1527585.2s

October 06, 2005

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

NE HAPPY VALLEY/LAKE PLEASANT
PEORIA, AZ 85383

COORDINATES

Latitude (North): 33.714500 - 33° 42' 52.2"
Longitude (West): 112.266400 - 112° 15' 59.0"
Universal Tranverse Mercator: Zone 12
UTM X (Meters): 382654.6
UTM Y (Meters): 3731027.5
Elevation: 1352 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 33112-F3 CALDERWOOD BUTTE, AZ
Source: USGS 7.5 min quad index

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 ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRA-TSDF..... Resource Conservation and Recovery Act Information
RCRA-LQG..... Resource Conservation and Recovery Act Information
RCRA-SQG..... Resource Conservation and Recovery Act Information
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

SPL..... Superfund Program List

EXECUTIVE SUMMARY

SHWS	ZipAcids List
SWF/LF	Directory of Solid Waste Facilities
LUST	Leaking Underground Storage Tank Listing
UST	Underground Storage Tank Listing
AZ WQARF	Water Quality Assurance Revolving Fund Sites
INDIAN UST	Underground Storage Tanks on Indian Land
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
SWTIRE	Solid Waste Tire Facilities
VCP	Voluntary Remediation Program Sites

FEDERAL ASTM SUPPLEMENTAL

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
Delisted NPL	National Priority List Deletions
FINDS	Facility Index System/Facility Registry System
HMIRS	Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
NPL Liens	Federal Superfund Liens
PADS	PCB Activity Database System
INDIAN RESERV.	Indian Reservations
UMTRA	Uranium Mill Tailings Sites
US ENG CONTROLS	Engineering Controls Sites List
ODI	Open Dump Inventory
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
SSTS	Section 7 Tracking Systems
FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST	List of Aboveground Storage Tanks
AZ Spills	Hazardous Material Logbook
AZ DOD	Department of Defense Sites
WWFAC	Waste Water Treatment Facilities
Aquifer	Waste Water Treatment Facilities
DRYCLEANERS	Drycleaner Facility Listing
Dry Wells	Drywell Registration
AZ AIRS	Arizona Airs Database

BROWNFIELDS DATABASES

US BROWNFIELDS	A Listing of Brownfields Sites
US INST CONTROL	Sites with Institutional Controls
AUL	DEUR Database
BROWNFIELDS	Brownfields Tracking System
VCP	Voluntary Remediation Program Sites

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

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

EDR PROPRIETARY HISTORICAL DATABASES

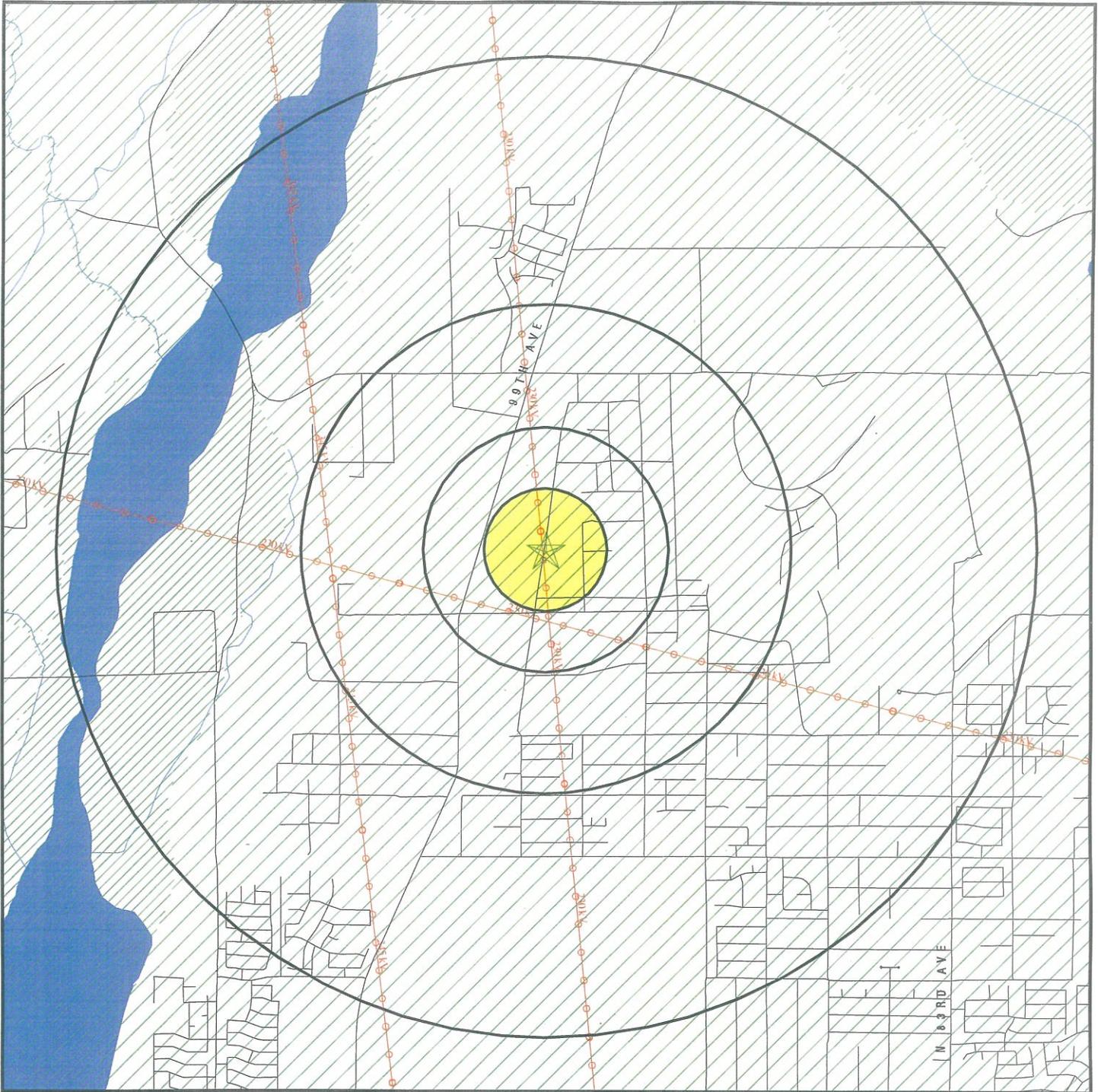
See the EDR Proprietary Historical Database Section for details

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
WQ-GILA RIVER DDT	SHWS
LAKE PLEASANT LAYMEN LOWER LAKE	AST
QUINTERO GOLF & COUNTRY CLUB	AST
DEER VILLAGE	Dry Wells
LA JOLLA GROVES	Dry Wells
VISTANCIA POTABLE WELL NO. 5	Dry Wells
VISTANCIA POTABLE WELL NO.8	Dry Wells
VISTANCIA ZONE 4/5 RESERVOIR & BOO	Dry Wells
PILOT PLANT FOR LAKE PLEASANT WTP	Dry Wells
PLEASANT VALLEY PHASE 1	Dry Wells
DOVE VALLEY RANCH PARCEL 6	Dry Wells
TUSCANY SHORES	Dry Wells
DESERT HARBOR PROF PLAZA -PHASE II	Dry Wells
TRILOGY AT VISTANCIA	Dry Wells
PARKRIDGE WELL SITE	Dry Wells
PEORIA CROSSING	Dry Wells
TERRA VISTA ESTATES	Dry Wells
PLEASANT VALLEY UNITS 2 & 3	Dry Wells
NORTH RANCH	Dry Wells
IRONWOOD ESTATES	Dry Wells
91ST AVENUE RETAIL CENTER	Dry Wells

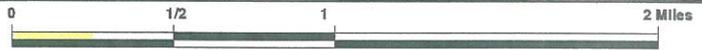
OVERVIEW MAP - 1527585.2s - Liesch Southwest, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

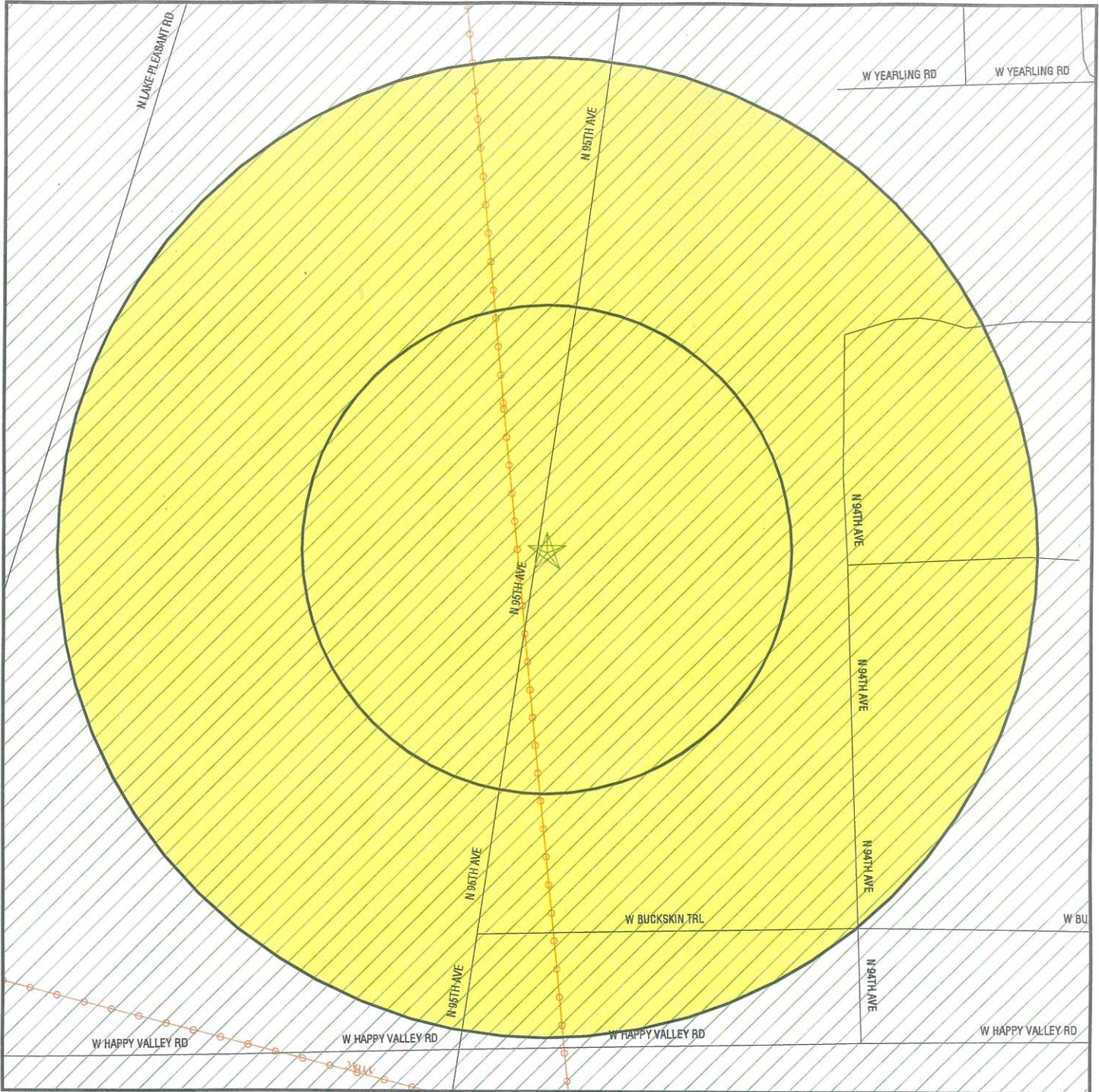
- DOD Sites: AZ DEQ
- Water Quality Assurance Revolving Fund Areas



TARGET PROPERTY: Evergreen Development
 ADDRESS: NE Happy Valley/Lake Pleasant
 CITY/STATE/ZIP: Peoria AZ 85383
 LAT/LONG: 33.7145 / 112.2664

CUSTOMER: Liesch Southwest, Inc.
 CONTACT: Amy E. Van Beynen
 INQUIRY #: 1527585.2s
 DATE: October 06, 2005 7:35 pm

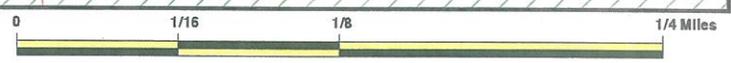
DETAIL MAP - 1527585.2s - Liesch Southwest, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚙ Coal Gasification Sites
- 🏠 Historical Gas Stations / Historical Dry Cleaners
See the EDR Proprietary Historical Map Findings
- 🏠 Sensitive Receptors
- 🏠 National Priority List Sites
- 🏠 Landfill Sites
- 🏠 Dept. Defense Sites

- 🏠 Indian Reservations BIA
- ⚡ Power transmission lines
- 🛢 Oil & Gas pipelines
- 🌊 100-year flood zone
- 🌊 500-year flood zone

- 🏠 DOD Sites: AZ DEQ
- 🏠 Water Quality Assurance Revolving Fund Areas



TARGET PROPERTY:	Evergreen Development	CUSTOMER:	Liesch Southwest, Inc.
ADDRESS:	NE Happy Valley/Lake Pleasant	CONTACT:	Amy E. Van Beynen
CITY/STATE/ZIP:	Peoria AZ 85383	INQUIRY #:	1527585.2s
LAT/LONG:	33.7145 / 112.2664	DATE:	October 06, 2005 7:35 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.500	0	0	0	0	0	0
Proposed NPL		1.500	0	0	0	0	0	0
CERCLIS		1.000	0	0	0	0	NR	0
CERC-NFRAP		0.750	0	0	0	0	NR	0
CORRACTS		1.500	0	0	0	0	0	0
RCRA TSD		1.000	0	0	0	0	NR	0
RCRA Lg. Quan. Gen.		0.750	0	0	0	0	NR	0
RCRA Sm. Quan. Gen.		0.750	0	0	0	0	NR	0
ERNS		0.500	0	0	0	NR	NR	0
<u>STATE ASTM STANDARD</u>								
SPL		1.500	0	0	0	0	0	0
State Haz. Waste		1.500	0	0	0	0	0	0
State Landfill		1.000	0	0	0	0	NR	0
LUST		1.000	0	0	0	0	NR	0
UST		0.750	0	0	0	0	NR	0
AZ WQARF		1.500	0	0	0	0	0	0
INDIAN UST		0.750	0	0	0	0	NR	0
INDIAN LUST		1.000	0	0	0	0	NR	0
SWTIRE		1.000	0	0	0	0	NR	0
VCP		1.000	0	0	0	0	NR	0
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.500	0	0	0	0	0	0
ROD		1.500	0	0	0	0	0	0
Delisted NPL		1.500	0	0	0	0	0	0
FINDS		0.500	0	0	0	NR	NR	0
HMIRS		0.500	0	0	0	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
MINES		0.750	0	0	0	0	NR	0
NPL Liens		0.500	0	0	0	NR	NR	0
PADS		0.500	0	0	0	NR	NR	0
INDIAN RESERV		1.500	0	0	0	0	0	0
UMTRA		1.000	0	0	0	0	NR	0
US ENG CONTROLS		1.000	0	0	0	0	NR	0
ODI		1.000	0	0	0	0	NR	0
FUDS		1.500	0	0	0	0	0	0
DOD		1.500	0	0	0	0	0	0
RAATS		0.500	0	0	0	NR	NR	0
TRIS		0.500	0	0	0	NR	NR	0
TSCA		0.500	0	0	0	NR	NR	0
SSTS		0.500	0	0	0	NR	NR	0
FTTS		0.500	0	0	0	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
AZ Spills		0.500	0	0	0	NR	NR	0
AZ DOD		1.000	0	0	0	0	NR	0
WWFAC		1.000	0	0	0	0	NR	0
Aquifer		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.750	0	0	0	0	NR	0
Dry Wells		0.500	0	0	0	NR	NR	0
AZ AIRS		0.500	0	0	0	NR	NR	0

EDR PROPRIETARY HISTORICAL DATABASES

Gas Stations/Dry Cleaners		0.250	0	0	NR	NR	NR	0
Coal Gas		1.500	0	0	0	0	0	0

BROWNFIELDS DATABASES

US BROWNFIELDS		1.000	0	0	0	0	NR	0
US INST CONTROL		1.000	0	0	0	0	NR	0
AUL		1.000	0	0	0	0	NR	0
BROWNFIELDS		1.000	0	0	0	0	NR	0
VCP		1.000	0	0	0	0	NR	0

NOTES:

See the EDR Proprietary Historical Database Section for details

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
Distance (ft.)
Elevation Site

Database(s) EDR ID Number
EPA ID Number

NO SITES FOUND

MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES

YEAR NAME ADDRESS CITY ST DIR. DIST. ELEV. TYPE

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIRONHAZ database.

EDR Historical Gas Station & Dry Cleaner Search: No mapped sites were found in EDR's search of the EDR Historical Gas Station & Dry Cleaner Database within 0.250 mile of the Target Property.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
MARICOPA COUNTY	S103809877	WQ-GILA RIVER DDT	LOWER GILA RIVER--SW AZ		SHWS
PEORIA	S102986058	DEER VILLAGE	91ST AVENUE / DEER VALLEY RD		Dry Wells
PEORIA	S105890587	LA JOLLA GROVES	95TH AVE / OLIVE AVE		Dry Wells
PEORIA	S106227272	VISTANCIA POTABLE WELL NO. 5	28027 N. EL MIRAGE RD	85383	Dry Wells
PEORIA	S106227273	VISTANCIA POTABLE WELL NO.8	28202 N. EL MIRAGE RD	85383	Dry Wells
PEORIA	S104531034	VISTANCIA ZONE 4/5 RESERVOIR & BOO	28204 N. EL MIRAGE RD	85383	Dry Wells
PEORIA	A100170588	PILOT PLANT FOR LAKE PLEASANT WTP	US HWY 74 ON WEST BANK OF WADD		Dry Wells
PEORIA	S105762954	LAKE PLEASANT LAYMEN LOWER LAKE	9702 WEST HWY 74		AST
PEORIA	S104282184	PLEASANT VALLEY PHASE 1	LAKE PLEASANT PKWY / BUCKHOR		Dry Wells
PEORIA	S105762823	DOVE VALLEY RANCH PARCEL 6	NEC 91ST AVE / BEARDSLEY RD		Dry Wells
PEORIA	S106227199	TUSCANY SHORES	NEC 91ST AVE / DESERT HARBOR		Dry Wells
PEORIA	S106598970	DESERT HARBOR PROF PLAZA -PHASE II	NEC OF THUNDERBIRD RD / 91ST		Dry Wells
PEORIA	S105762488	TRILOGY AT VISTANCIA	NWC JOMAX / EL MIRAGE RD	85383	Dry Wells
PEORIA	S105113749	PARKRIDGE WELL SITE	NWC 95TH AVE / BEARDSLEY		Dry Wells
PEORIA	S105113812	PEORIA CROSSING	NWC 91ST AVE / NORTHERN		Dry Wells
PEORIA	S105890638	TERRA VISTA ESTATES	NWC 67TH AVE / HAPPY VALLEY		Dry Wells
PEORIA	S105762672	PLEASANT VALLEY UNITS 2 & 3	NWC LAKE PLEASANT RD / JOMAX		Dry Wells
PEORIA	S106097838	NORTH RANCH	SEC 99TH AVENUE / BUTLER DRI		Dry Wells
PEORIA	A100156368	IRONWOOD ESTATES	SEC 91ST AVE / PEORIA AVE		Dry Wells
PEORIA	S105113552	QUINTERO GOLF & COUNTRY CLUB	16752 W. STATE ROUTE 74 (MIL		AST
PEORIA		91ST AVENUE RETAIL CENTER	SWC 91ST AVENUE / PEORIA		Dry Wells

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 this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

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: 07/01/05	Source: EPA
Date Data Arrived at EDR: 08/03/05	Telephone: N/A
Date Made Active in Reports: 08/22/05	Last EDR Contact: 08/03/05
Number of Days to Update: 19	Next Scheduled EDR Contact: 10/31/05
	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 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 04/27/05	Source: EPA
Date Data Arrived at EDR: 05/04/05	Telephone: N/A
Date Made Active in Reports: 05/16/05	Last EDR Contact: 08/05/05
Number of Days to Update: 12	Next Scheduled EDR Contact: 10/31/05
	Data Release Frequency: Quarterly

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: 06/27/05	Source: EPA
Date Data Arrived at EDR: 07/22/05	Telephone: 703-413-0223
Date Made Active in Reports: 08/17/05	Last EDR Contact: 09/20/05
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/19/05
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/17/05
Date Data Arrived at EDR: 06/20/05
Date Made Active in Reports: 08/17/05
Number of Days to Update: 58

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 09/20/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/28/05
Date Data Arrived at EDR: 07/05/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 34

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site 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: 08/11/05
Date Data Arrived at EDR: 08/23/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 44

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/23/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/04
Date Data Arrived at EDR: 01/27/05
Date Made Active in Reports: 03/24/05
Number of Days to Update: 56

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Annually

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/03
Date Data Arrived at EDR: 06/17/05
Date Made Active in Reports: 08/04/05
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/12/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/14/04
Date Data Arrived at EDR: 02/15/05
Date Made Active in Reports: 04/25/05
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/25/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Varies

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: 06/08/05
Date Data Arrived at EDR: 07/11/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 28

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/06/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Annually

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: 07/01/05
Date Data Arrived at EDR: 08/03/05
Date Made Active in Reports: 08/22/05
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 08/03/05
Next Scheduled EDR Contact: 10/31/05
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: 07/11/05
Date Data Arrived at EDR: 07/19/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 20

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Quarterly

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 06/27/05
Date Data Arrived at EDR: 07/22/05
Date Made Active in Reports: 09/01/05
Number of Days to Update: 41

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/22/05
Next Scheduled EDR Contact: 10/17/05
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/14/05
Date Data Arrived at EDR: 07/22/05
Date Made Active in Reports: 08/22/05
Number of Days to Update: 31

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Quarterly

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: 05/13/05
Date Data Arrived at EDR: 06/27/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 42

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/27/05
Next Scheduled EDR Contact: 12/26/05
Data Release Frequency: Semi-Annually

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Date Data Arrived at EDR: 02/02/94
Date Made Active in Reports: 03/30/94
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: No Update Planned

PADS: PCB Activity Database System

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

Date of Government Version: 03/30/05
Date Data Arrived at EDR: 05/10/05
Date Made Active in Reports: 05/24/05
Number of Days to Update: 14

Source: EPA
Telephone: 202-564-3887
Last EDR Contact: 08/25/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Annually

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: 10/01/03
Date Data Arrived at EDR: 11/12/03
Date Made Active in Reports: 11/21/03
Number of Days to Update: 9

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 08/09/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Semi-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. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 12/29/04
Date Data Arrived at EDR: 01/07/05
Date Made Active in Reports: 03/14/05
Number of Days to Update: 66

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/30/85
Date Data Arrived at EDR: 08/09/04
Date Made Active in Reports: 09/17/04
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 05/23/95
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 12/31/04
Date Data Arrived at EDR: 06/29/05
Date Made Active in Reports: 08/08/05
Number of Days to Update: 40

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/29/05
Next Scheduled EDR Contact: 10/03/05
Data Release Frequency: Varies

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: 10/01/03
Date Data Arrived at EDR: 11/12/03
Date Made Active in Reports: 11/21/03
Number of Days to Update: 9

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 08/09/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Semi-Annually

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: 08/02/05
Date Data Arrived at EDR: 08/12/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 10/03/05
Next Scheduled EDR Contact: 01/02/06
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/95
Date Data Arrived at EDR: 07/03/95
Date Made Active in Reports: 08/07/95
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 09/06/05
Next Scheduled EDR Contact: 12/05/05
Data Release Frequency: No Update Planned

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: 12/31/03
Date Data Arrived at EDR: 07/13/05
Date Made Active in Reports: 08/17/05
Number of Days to Update: 35

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/02
Date Data Arrived at EDR: 04/27/04
Date Made Active in Reports: 05/21/04
Number of Days to Update: 24

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Every 4 Years

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

Date of Government Version: 07/15/05
Date Data Arrived at EDR: 07/25/05
Date Made Active in Reports: 08/22/05
Number of Days to Update: 28

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

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: 12/31/03
Date Data Arrived at EDR: 01/03/05
Date Made Active in Reports: 01/25/05
Number of Days to Update: 22

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Annually

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: 07/15/05
Date Data Arrived at EDR: 07/25/05
Date Made Active in Reports: 08/22/05
Number of Days to Update: 28

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Quarterly

STATE OF ARIZONA ASTM STANDARD RECORDS

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: 08/25/04
Date Data Arrived at EDR: 12/03/04
Date Made Active in Reports: 01/25/05
Number of Days to Update: 53

Source: Department of Environmental Quality
Telephone: 602-771-4360
Last EDR Contact: 09/02/05
Next Scheduled EDR Contact: 11/28/05
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/03/00
Date Data Arrived at EDR: 04/11/00
Date Made Active in Reports: 05/16/00
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 602-771-4360
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: No Update Planned

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: 05/01/04
Date Data Arrived at EDR: 06/29/04
Date Made Active in Reports: 08/16/04
Number of Days to Update: 48

Source: Department of Environmental Quality
Telephone: 602-771-4132
Last EDR Contact: 06/27/05
Next Scheduled EDR Contact: 09/26/05
Data Release Frequency: Annually

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: 05/01/05
Date Data Arrived at EDR: 05/19/05
Date Made Active in Reports: 06/09/05
Number of Days to Update: 21

Source: Department of Environmental Quality
Telephone: 602-771-4345
Last EDR Contact: 08/12/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Semi-Annually

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: 05/01/05
Date Data Arrived at EDR: 05/19/05
Date Made Active in Reports: 06/09/05
Number of Days to Update: 21

Source: Department of Environmental Quality
Telephone: 602-771-4345
Last EDR Contact: 08/08/05
Next Scheduled EDR Contact: 11/07/05
Data Release Frequency: Annually

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: 08/25/04
Date Data Arrived at EDR: 11/17/04
Date Made Active in Reports: 12/17/04
Number of Days to Update: 30

Source: Department of Environmental Quality
Telephone: 602-771-4360
Last EDR Contact: 09/20/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Annually

INDIAN UST: Underground Storage Tanks on Indian Land

Date of Government Version: 04/18/05
Date Data Arrived at EDR: 05/16/05
Date Made Active in Reports: 06/02/05
Number of Days to Update: 17

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 08/25/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Varies

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

LUST's on Indian land in Arizona, California, New Mexico and Nevada

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/02/05
Date Data Arrived at EDR: 06/03/05
Date Made Active in Reports: 06/27/05
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 08/25/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Varies

VCP: Voluntary Remediation Program Sites

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 11/15/04
Date Data Arrived at EDR: 01/18/05
Date Made Active in Reports: 03/03/05
Number of Days to Update: 44

Source: Department of Environmental Quality
Telephone: 602-771-4411
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Varies

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: 08/01/04
Date Data Arrived at EDR: 09/27/04
Date Made Active in Reports: 11/10/04
Number of Days to Update: 44

Source: Department of Environmental Quality
Telephone: 602-771-4132
Last EDR Contact: 06/30/05
Next Scheduled EDR Contact: 09/26/05
Data Release Frequency: Varies

STATE OF ARIZONA ASTM SUPPLEMENTAL RECORDS

AST: List of Aboveground Storage Tanks

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

Date of Government Version: 12/31/00
Date Data Arrived at EDR: 01/22/01
Date Made Active in Reports: 02/16/01
Number of Days to Update: 25

Source: Department of Building & Fire Safety
Telephone: 602-364-1003
Last EDR Contact: 07/11/05
Next Scheduled EDR Contact: 10/10/05
Data Release Frequency: No Update Planned

SPILLS: Hazardous Material Logbook

Chemical spills and incidents referred to the Emergency Response Unit.

Date of Government Version: 06/30/01
Date Data Arrived at EDR: 03/29/04
Date Made Active in Reports: 04/16/04
Number of Days to Update: 18

Source: Department of Environmental Quality
Telephone: 602-771-4153
Last EDR Contact: 07/08/05
Next Scheduled EDR Contact: 09/26/05
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

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

Date of Government Version: 08/25/04
Date Data Arrived at EDR: 11/15/04
Date Made Active in Reports: 12/17/04
Number of Days to Update: 32

Source: Department of Environmental Quality
Telephone: 602-771-4360
Last EDR Contact: 09/20/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Annually

WWFAC: Waste Water Treatment Facilities

Statewide list of waste water treatment facilities.

Date of Government Version: 08/02/05
Date Data Arrived at EDR: 08/29/05
Date Made Active in Reports: 09/27/05
Number of Days to Update: 29

Source: Department of Environmental Quality
Telephone: 602-771-4623
Last EDR Contact: 08/22/05
Next Scheduled EDR Contact: 11/21/05
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AQUIFER: Waste Water Treatment Facilities

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

Date of Government Version: 02/25/04
Date Data Arrived at EDR: 02/25/04
Date Made Active in Reports: 03/18/04
Number of Days to Update: 22

Source: Department of Environmental Quality
Telephone: 602-771-4623
Last EDR Contact: 07/26/05
Next Scheduled EDR Contact: 10/24/05
Data Release Frequency: Semi-Annually

DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facilities in Arizona.

Date of Government Version: 01/18/05
Date Data Arrived at EDR: 01/18/05
Date Made Active in Reports: 03/01/05
Number of Days to Update: 42

Source: Department of Environmental Quality
Telephone: 602-771-4335
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Varies

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: 08/10/05
Date Data Arrived at EDR: 08/10/05
Date Made Active in Reports: 09/08/05
Number of Days to Update: 29

Source: Department of Environmental Quality
Telephone: 602-771-4686
Last EDR Contact: 09/19/05
Next Scheduled EDR Contact: 12/19/05
Data Release Frequency: Semi-Annually

AZ 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: 08/31/05
Date Data Arrived at EDR: 09/01/05
Date Made Active in Reports: 09/27/05
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 602-771-2344
Last EDR Contact: 08/15/05
Next Scheduled EDR Contact: 10/31/05
Data Release Frequency: Semi-Annually

EDR PROPRIETARY HISTORICAL DATABASES

EDR Historical Gas Station and Dry Cleaners: EDR has searched select national collections of business directories and has collected listings of potential dry cleaner and 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 dry cleaning and 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, dry cleaner, cleaners, laundry, laundromat, cleaning/laundry, wash & dry, etc.*

This information is meant to assist and complement environmental professionals in their conduct of environmental site assessments, and is not meant to be a substitute for a full historical investigation as defined in ASTM E1527. The information provided in this proprietary database may or may not be complete; i.e., the absence of a dry cleaner or gas station/filling station/service station site does not necessarily mean that such a site did not exist in the area covered by this report.

(A note on "dry cleaning" sites: it is not possible for EDR to differentiate between establishments that use PERC on-site as a cleaning solvent and sites that function simply as drop-off and pick-up locations or that are traditional wet cleaning/laundry facilities. Therefore, it is essential for environmental professionals to incorporate professional judgment in the evaluation of each site.)

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

BROWNFIELDS DATABASES

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 08/18/05
Date Data Arrived at EDR: 08/18/05
Date Made Active in Reports: 10/06/05
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 08/11/05
Next Scheduled EDR Contact: 12/12/05
Data Release Frequency: Semi-Annually

BROWNFIELDS: Brownfields Tracking System

Information relating to Brownfields sites in Arizona.

Date of Government Version: 11/15/04
Date Data Arrived at EDR: 01/18/05
Date Made Active in Reports: 03/01/05
Number of Days to Update: 42

Source: Department of Environmental Quality
Telephone: 602-771-4401
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Varies

VCP: Voluntary Remediation Program Sites

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 11/15/04
Date Data Arrived at EDR: 01/18/05
Date Made Active in Reports: 03/03/05
Number of Days to Update: 44

Source: Department of Environmental Quality
Telephone: 602-771-4411
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
Data Release Frequency: Varies

AUL: DEUR Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/18/05
Date Data Arrived at EDR: 07/18/05
Date Made Active in Reports: 07/27/05
Number of Days to Update: 9

Source: Department of Environmental Quality
Telephone: 602-771-4398
Last EDR Contact: 07/18/05
Next Scheduled EDR Contact: 10/17/05
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: 01/10/05
Date Data Arrived at EDR: 02/11/05
Date Made Active in Reports: 04/06/05
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 703-603-8867
Last EDR Contact: 07/05/05
Next Scheduled EDR Contact: 10/03/05
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.

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: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 1999 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 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

EVERGREEN DEVELOPMENT
NE HAPPY VALLEY/LAKE PLEASANT
PEORIA, AZ 85383

TARGET PROPERTY COORDINATES

Latitude (North):	33.714500 - 33° 42' 52.2"
Longitude (West):	112.266403 - 112° 15' 59.1"
Universal Transverse Mercator:	Zone 12
UTM X (Meters):	382654.6
UTM Y (Meters):	3731027.5
Elevation:	1352 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

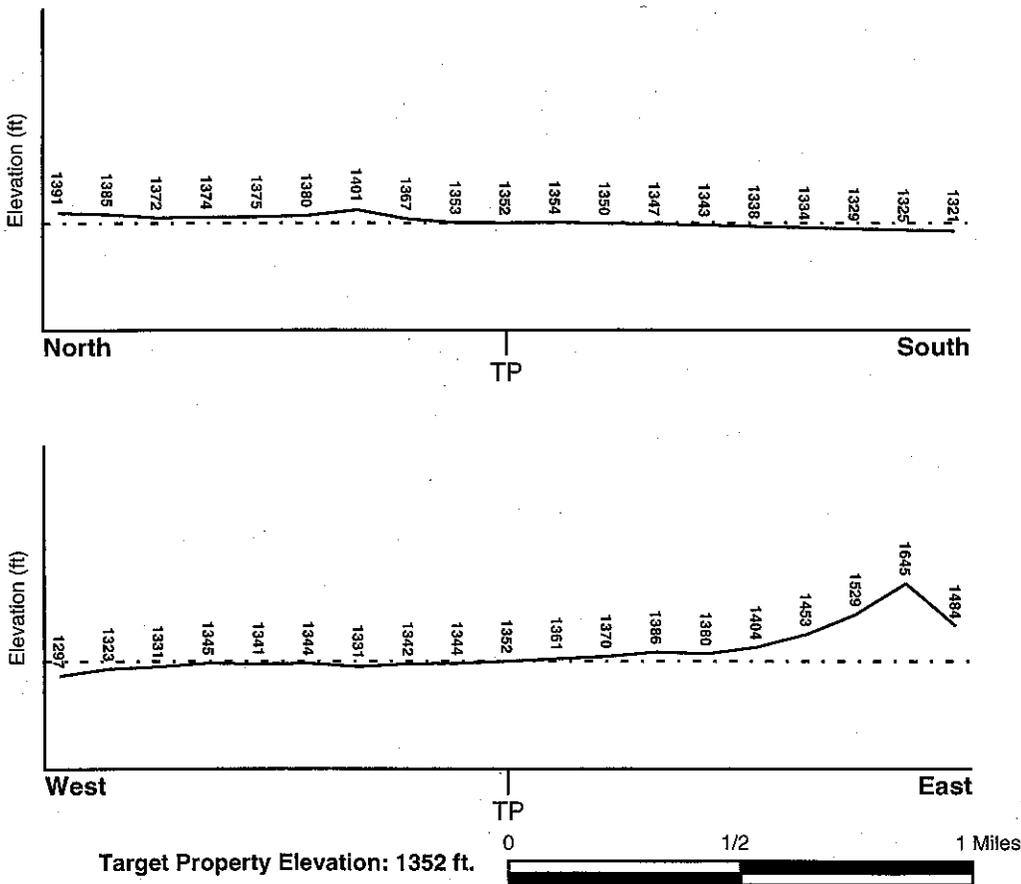
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map: 33112-F3 CALDERWOOD BUTTE, AZ
 General Topographic Gradient: General SW
 Source: USGS 7.5 min quad index

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

Target Property County
MARICOPA, AZ

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

Flood Plain Panel at Target Property: 04013C1160F

Additional Panels in search area: 04013C1180E

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
NOT AVAILABLE

NWI Electronic
Data Coverage
Not Available

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data:*

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

*©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

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

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: MOHALL

Soil Surface Texture: loam

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

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	10 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 8.40 Min: 7.90
2	10 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 8.40 Min: 7.90
3	27 inches	37 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 8.40 Min: 7.90
4	37 inches	60 inches	gravelly - sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 8.40 Min: 7.90

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: gravelly - fine sandy loam
sandy loam

Surficial Soil Types: gravelly - fine sandy loam
sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: sandy clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater 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>
O69	USGS3052100	1/2 - 1 Mile East
T78	USGS3052115	1/2 - 1 Mile NNE
W90	USGS3052116	1/2 - 1 Mile NNW
Z93	USGS3052109	1/2 - 1 Mile WNW
AE105	USGS3052106	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

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

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

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	AZ10096199	0 - 1/8 Mile NW
2	AZ10096144	1/8 - 1/4 Mile WSW
3	AZ10096101	1/8 - 1/4 Mile South
A4	AZ10096148	1/8 - 1/4 Mile ESE
A5	AZ10096147	1/8 - 1/4 Mile ESE
A6	AZ10096150	1/8 - 1/4 Mile ESE
A7	AZ10096149	1/8 - 1/4 Mile ESE
B8	AZ10096249	1/4 - 1/2 Mile NE
B9	AZ10096250	1/4 - 1/2 Mile NE
10	AZ10096359	1/4 - 1/2 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
11	AZ10096103	1/4 - 1/2 Mile SE
12	AZ10096065	1/4 - 1/2 Mile SSE
C13	AZ10096206	1/4 - 1/2 Mile East
C14	AZ10096205	1/4 - 1/2 Mile East
C15	AZ10096202	1/4 - 1/2 Mile East
C16	AZ10096203	1/4 - 1/2 Mile East
C17	AZ10096204	1/4 - 1/2 Mile East
D18	AZ10096367	1/4 - 1/2 Mile NE
D19	AZ10096368	1/4 - 1/2 Mile NE
D20	AZ10096369	1/4 - 1/2 Mile NE
E21	AZ10096152	1/4 - 1/2 Mile ESE
E22	AZ10096151	1/4 - 1/2 Mile ESE
E23	AZ10096154	1/4 - 1/2 Mile ESE
E24	AZ10096153	1/4 - 1/2 Mile ESE
25	AZ10096253	1/4 - 1/2 Mile ENE
F26	AZ10096104	1/4 - 1/2 Mile ESE
F27	AZ10096105	1/4 - 1/2 Mile ESE
G28	AZ10096373	1/4 - 1/2 Mile NE
G29	AZ10096374	1/4 - 1/2 Mile NE
30	AZ10096020	1/4 - 1/2 Mile South
H31	AZ10096485	1/4 - 1/2 Mile NNE
H32	AZ10096486	1/4 - 1/2 Mile NNE
I33	AZ10096156	1/4 - 1/2 Mile East
I34	AZ10096155	1/4 - 1/2 Mile East
I35	AZ10096158	1/4 - 1/2 Mile East
I36	AZ10096157	1/4 - 1/2 Mile East
37	AZ10096259	1/2 - 1 Mile ENE
J38	AZ10096109	1/2 - 1 Mile ESE
J39	AZ10096110	1/2 - 1 Mile ESE
J40	AZ10096111	1/2 - 1 Mile ESE
K41	AZ10096490	1/2 - 1 Mile NE
K42	AZ10096491	1/2 - 1 Mile NE
K43	AZ10096492	1/2 - 1 Mile NE
44	AZ10096568	1/2 - 1 Mile North
L45	AZ10096376	1/2 - 1 Mile ENE
L46	AZ10096375	1/2 - 1 Mile ENE
L47	AZ10096378	1/2 - 1 Mile ENE
L48	AZ10096377	1/2 - 1 Mile ENE
M49	AZ10096571	1/2 - 1 Mile NNE
M50	AZ10096572	1/2 - 1 Mile NNE
M51	AZ10096573	1/2 - 1 Mile NNE
52	AZ10096099	1/2 - 1 Mile WSW
N53	AZ10096207	1/2 - 1 Mile East
N54	AZ10096208	1/2 - 1 Mile East
O55	AZ10096163	1/2 - 1 Mile East
O56	AZ10096164	1/2 - 1 Mile East
P57	AZ10096345	1/2 - 1 Mile WNW
P58	AZ10096346	1/2 - 1 Mile WNW
Q59	AZ10096268	1/2 - 1 Mile ENE
Q60	AZ10096267	1/2 - 1 Mile ENE
Q61	AZ10096266	1/2 - 1 Mile ENE
Q62	AZ10096271	1/2 - 1 Mile ENE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

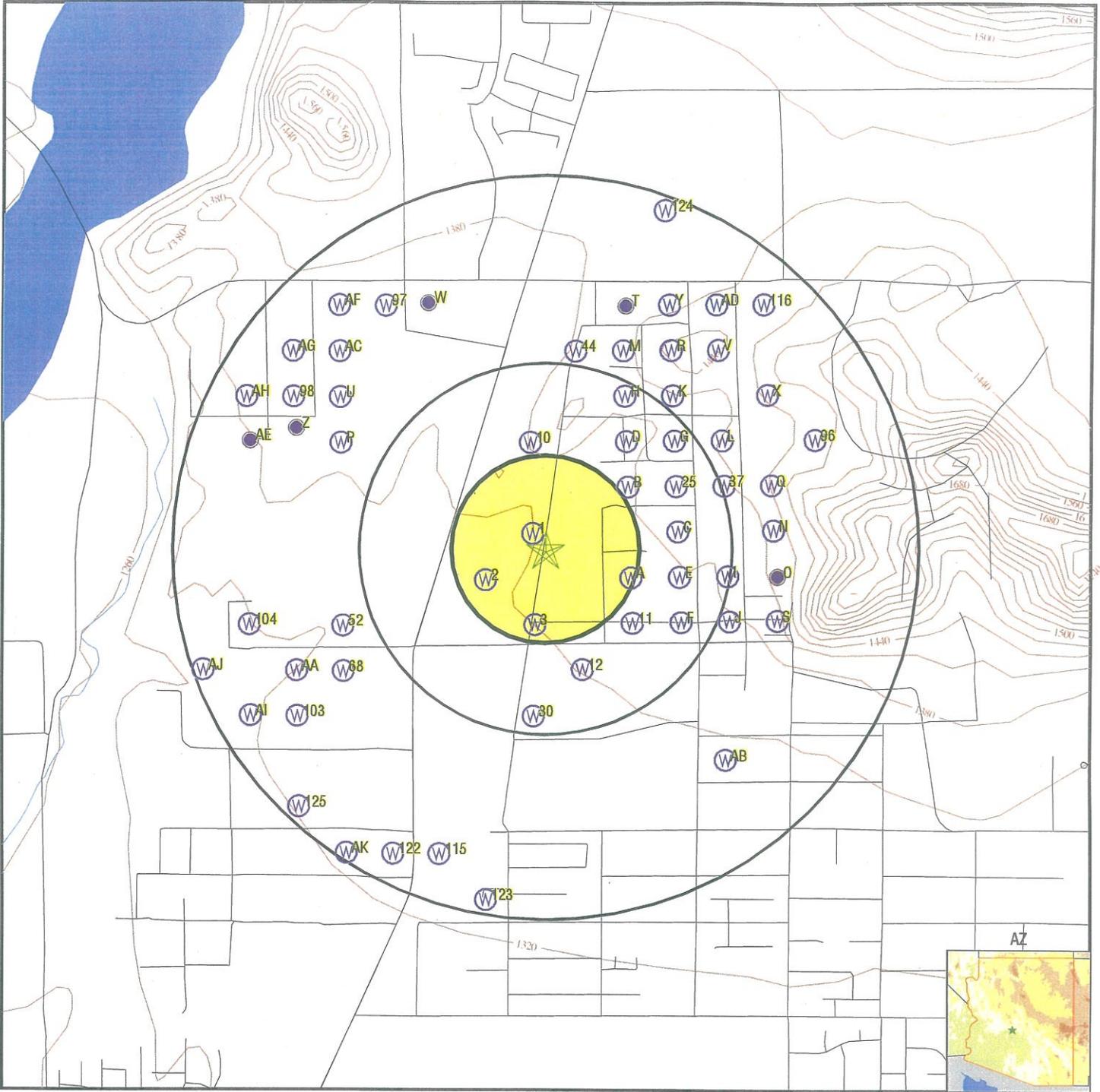
MAP ID	WELL ID	LOCATION FROM TP
Q63	AZ10096270	1/2 - 1 Mile ENE
Q64	AZ10096269	1/2 - 1 Mile ENE
R65	AZ10096577	1/2 - 1 Mile NNE
R66	AZ10096578	1/2 - 1 Mile NNE
R67	AZ10096579	1/2 - 1 Mile NNE
68	AZ10096059	1/2 - 1 Mile WSW
S70	AZ10096113	1/2 - 1 Mile ESE
S71	AZ10096112	1/2 - 1 Mile ESE
S72	AZ10096115	1/2 - 1 Mile ESE
S73	AZ10096114	1/2 - 1 Mile ESE
T74	AZ10096645	1/2 - 1 Mile NNE
T75	AZ10096646	1/2 - 1 Mile NNE
U76	AZ10096453	1/2 - 1 Mile NW
U77	AZ10096454	1/2 - 1 Mile NW
V79	AZ10096580	1/2 - 1 Mile NE
V80	AZ10096581	1/2 - 1 Mile NE
V81	AZ10096582	1/2 - 1 Mile NE
W82	AZ10096639	1/2 - 1 Mile NNW
X83	AZ10096494	1/2 - 1 Mile NE
X84	AZ10096495	1/2 - 1 Mile NE
Y85	AZ10096648	1/2 - 1 Mile NNE
Y86	AZ10096649	1/2 - 1 Mile NNE
Z87	AZ10096350	1/2 - 1 Mile WNW
AA88	AZ10096060	1/2 - 1 Mile WSW
AA89	AZ10096061	1/2 - 1 Mile WSW
AB91	AZ10095982	1/2 - 1 Mile SE
AB92	AZ10095983	1/2 - 1 Mile SE
AC94	AZ10096562	1/2 - 1 Mile NW
AC95	AZ10096563	1/2 - 1 Mile NW
96	AZ10096385	1/2 - 1 Mile ENE
97	AZ10096640	1/2 - 1 Mile NNW
98	AZ10096462	1/2 - 1 Mile WNW
AD99	AZ10096658	1/2 - 1 Mile NE
AD100	AZ10096657	1/2 - 1 Mile NE
AD101	AZ10096660	1/2 - 1 Mile NE
AD102	AZ10096659	1/2 - 1 Mile NE
103	AZ10096019	1/2 - 1 Mile SW
104	AZ10096100	1/2 - 1 Mile WSW
AE106	AZ10096355	1/2 - 1 Mile WNW
AE107	AZ10096356	1/2 - 1 Mile WNW
AF108	AZ10096642	1/2 - 1 Mile NW
AF109	AZ10096641	1/2 - 1 Mile NW
AF110	AZ10096644	1/2 - 1 Mile NW
AF111	AZ10096643	1/2 - 1 Mile NW
AG112	AZ10096564	1/2 - 1 Mile NW
AG113	AZ10096565	1/2 - 1 Mile NW
AG114	AZ10096566	1/2 - 1 Mile NW
115	AZ10095847	1/2 - 1 Mile SSW
116	AZ10096667	1/2 - 1 Mile NE
AH117	AZ10096463	1/2 - 1 Mile WNW
AH118	AZ10096464	1/2 - 1 Mile WNW
AH119	AZ10096465	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
AI120	AZ10096021	1/2 - 1 Mile WSW
AI121	AZ10096022	1/2 - 1 Mile WSW
122	AZ10095848	1/2 - 1 Mile SSW
123	AZ10095794	1/2 - 1 Mile South
124	AZ10096794	1/2 - 1 Mile NNE
125	AZ10095922	1/2 - 1 Mile SW
AJ126	AZ10096062	1/2 - 1 Mile WSW
AJ127	AZ10096063	1/2 - 1 Mile WSW
AK128	AZ10095852	1/2 - 1 Mile SSW
AK129	AZ10095851	1/2 - 1 Mile SSW
AK130	AZ10095854	1/2 - 1 Mile SSW
AK131	AZ10095853	1/2 - 1 Mile SSW

PHYSICAL SETTING SOURCE MAP - 1527585.2s



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

- 0 1/4 1/2 1 Miles
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data



TARGET PROPERTY: Evergreen Development
ADDRESS: NE Happy Valley/Lake Pleasant
CITY/STATE/ZIP: Peoria AZ 85383
LAT/LONG: 33.7145 / 112.2664

CUSTOMER: Liesch Southwest, Inc.
CONTACT: Amy E. Van Beynen
INQUIRY #: 1527585.2s
DATE: October 06, 2005 7:35 pm

APPENDIX D

SITE PHOTOGRAPHS



Photo 1: View of the eastern Property boundary from the northeast corner facing south.

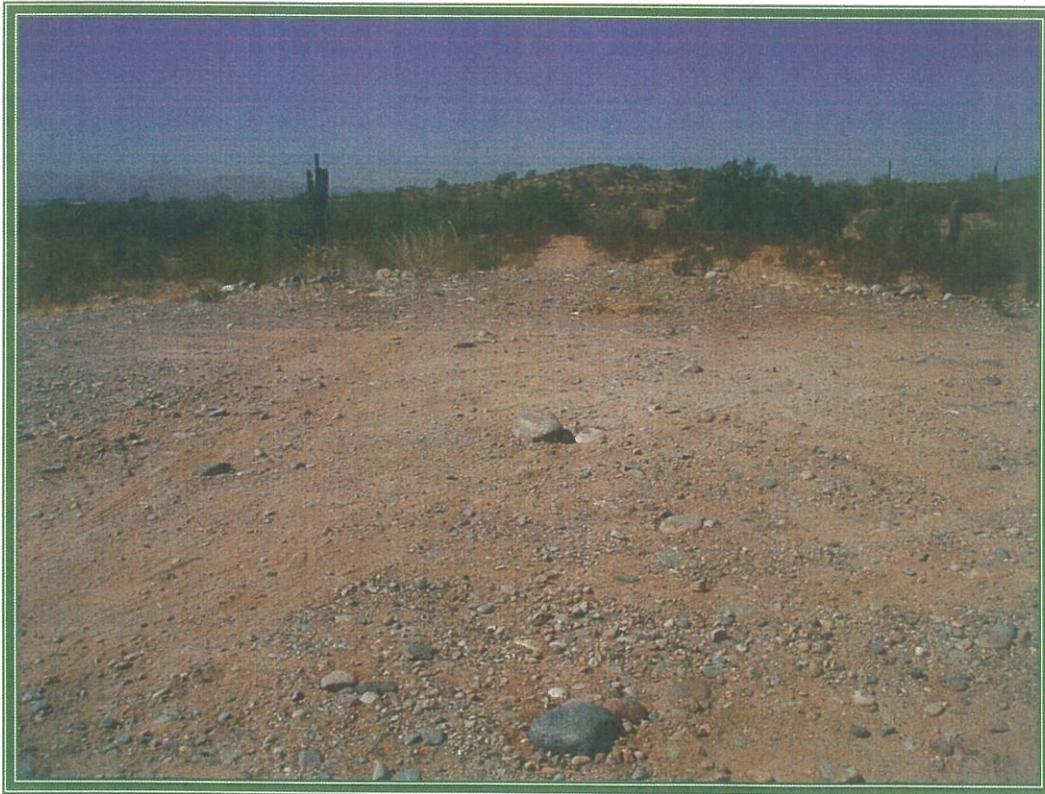


Photo 2: View of the northern Property boundary from the northeast corner facing west.

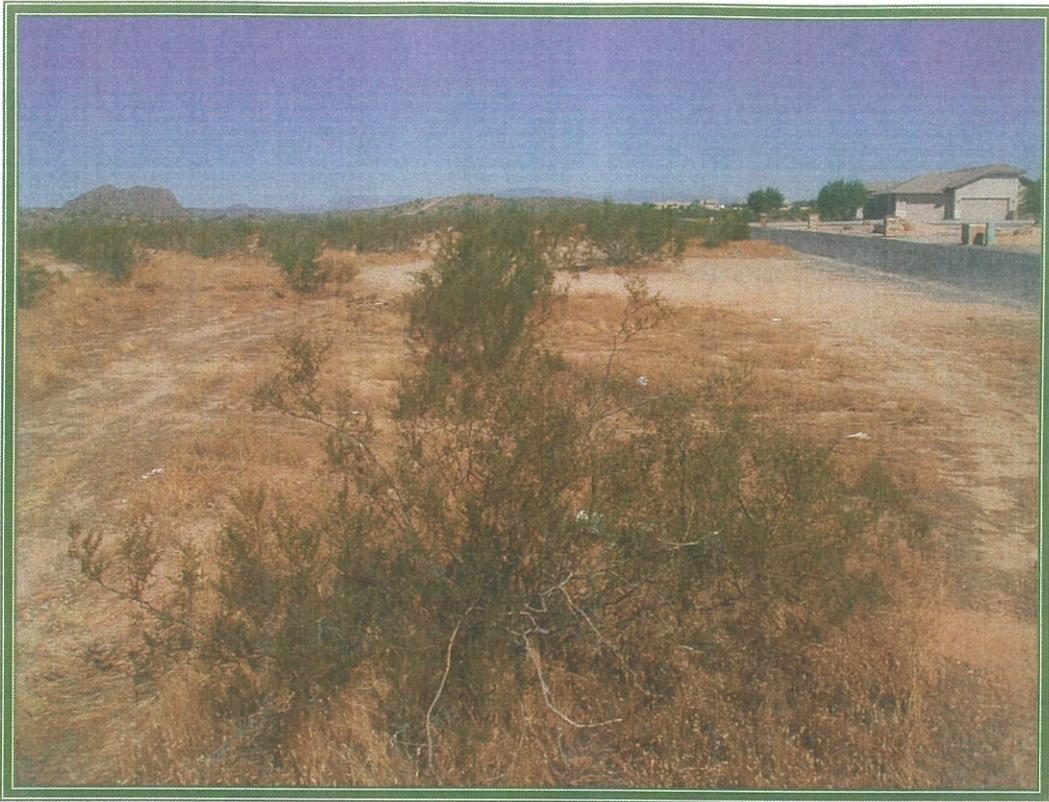


Photo 3 : View of the eastern Property boundary from the southeast corner facing north.

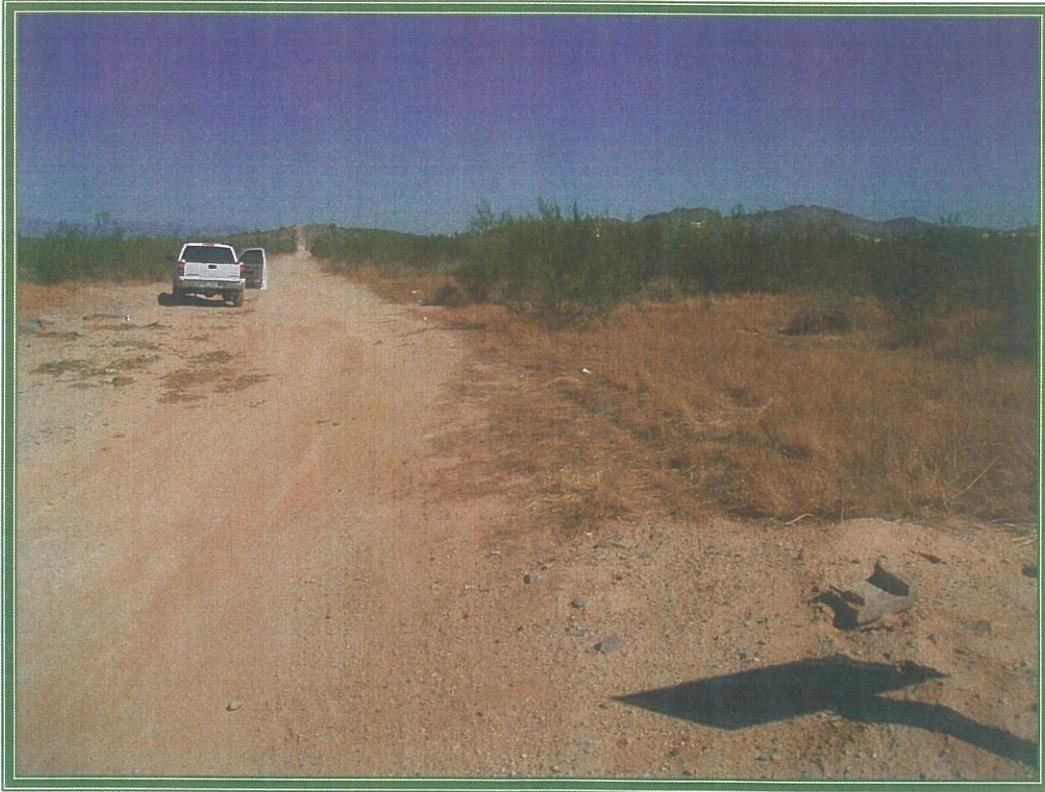


Photo 4: View of the roadway and natural gas pipeline located in the central portion of the Property facing north.

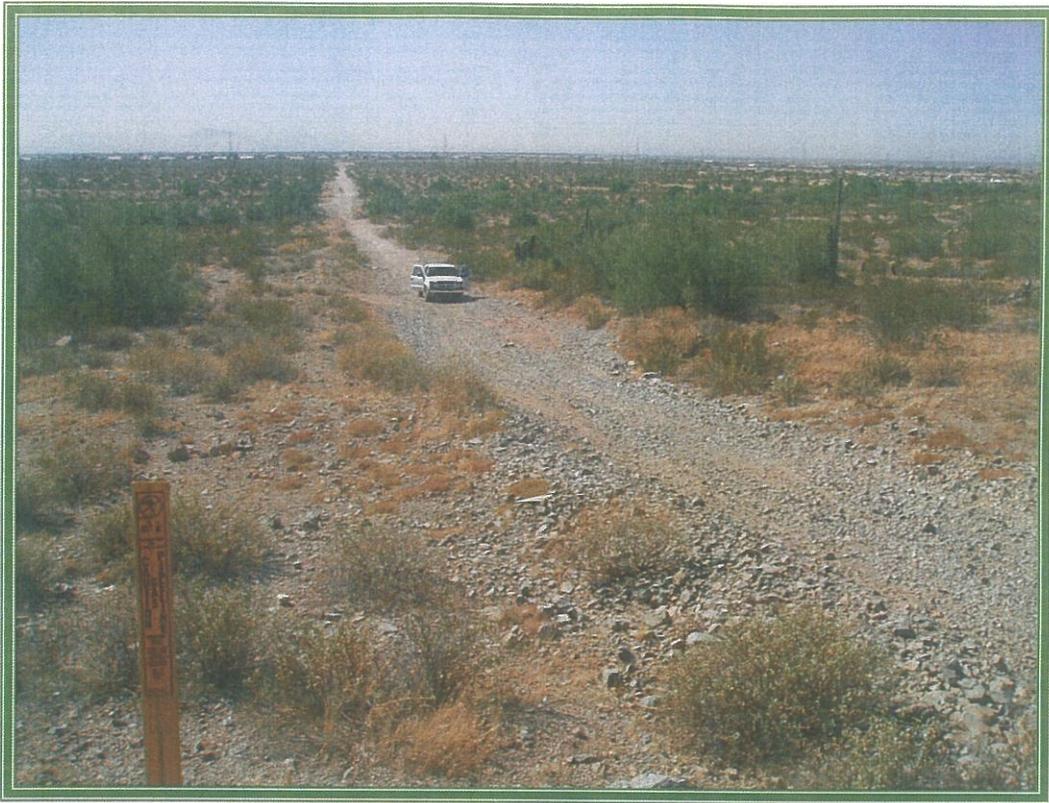


Photo 5: View of the roadway located in the central portion of the Property facing south.

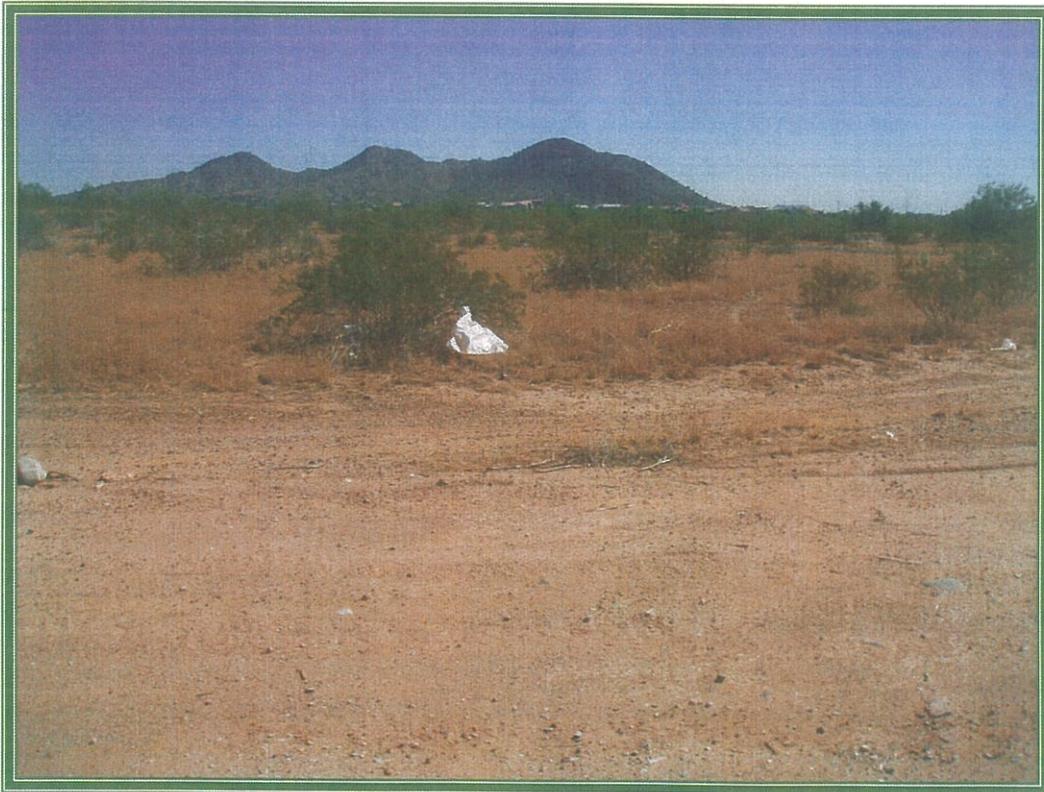


Photo 6: View of the northern Property boundary from the northwest corner facing east.

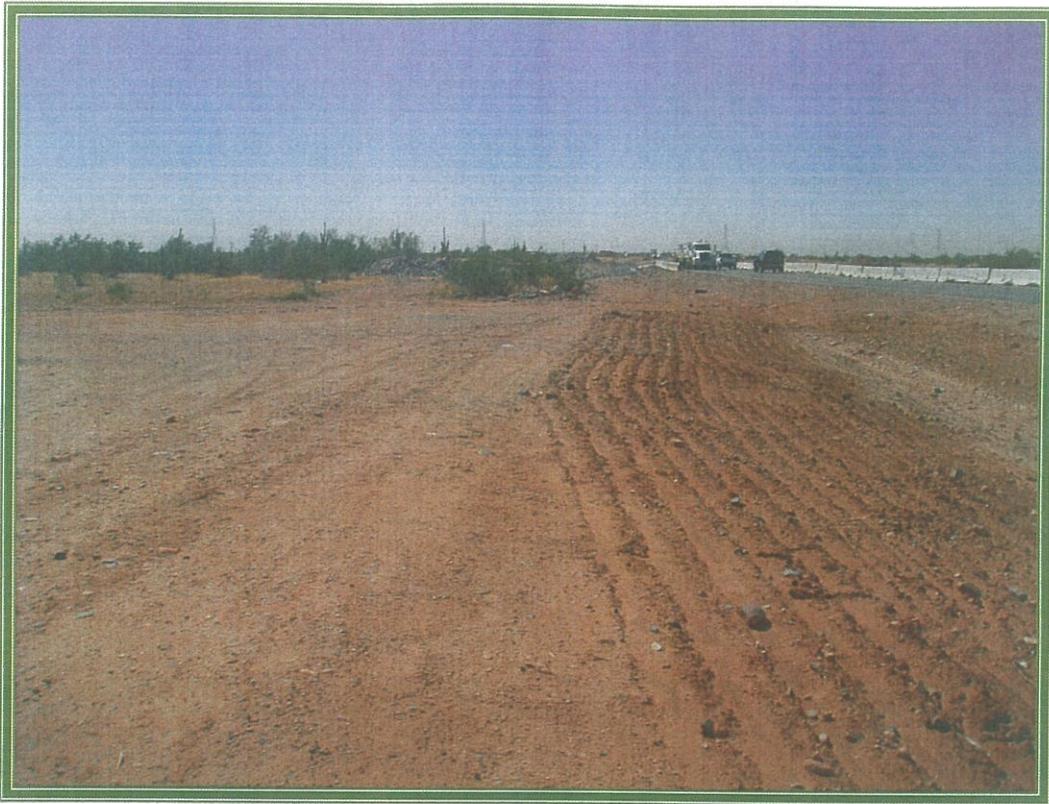


Photo 7: View of the western Property boundary from the northwest corner facing south.



Photo 8 : View of channelized wash located in northwest portion of the Property.

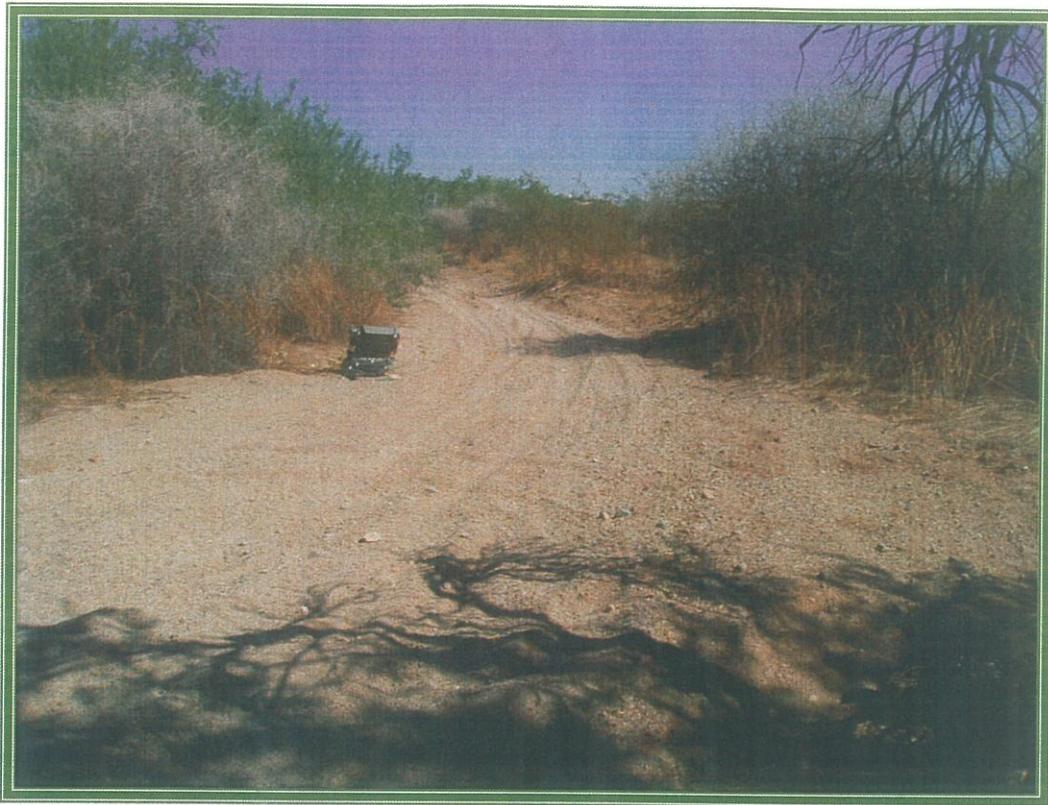


Photo 9 : View of large wash that is located on the northern portion of the Property.



Photo 10: View of typical debris observed on the Property.



Photo 11: View of typical debris observed on the Property.



Photo 12: View of typical debris observed on the Property.

APPENDIX E

QUALIFICATIONS / CERTIFICATIONS

MARSHA PLUMMER

ENVIRONMENTAL SCIENTIST

EDUCATION

2000, Northern Arizona University, Flagstaff, Arizona B.S. Environmental Science

REGISTRATIONS/CERTIFICATIONS

Hazardous Waste Worker (Hazwoper), 40 hours
EPA-Certified Asbestos Building Inspector
Certified Microbial Remediation Supervisor (CMRS)
Structural Pest Control Commission Licensed Fungi Inspector
Member of the American Indoor Air Quality Council

SELECTED PROFESSIONAL EXPERIENCE

- Six years experience in the fields of environmental site assessments and environmental testing and sampling, including asbestos and indoor air quality investigations. Research and field activities include Phase I and Phase II Environmental Site Assessments (ESA) on commercial and private facilities.

Asbestos Services: Conducted asbestos surveys for small scale to large scale projects. Performed asbestos air monitoring, project documentation, and clearance sampling. Prepared reports for both abatement and survey work.

Phase I Environmental Site Assessment: Conducted Phase I Environmental Site Assessment for commercial, private, automotive, farming, dairy, and vacant properties.

Soil Assessment: Conducted soil pesticides sampling, fuel hydrocarbons sampling, lead shot soil abatement activities, and soil gas activities which included methane soil gas investigations and fuel hydrocarbon investigations.

Geotechnical Investigations: Geoprobe investigations for hydrocarbons, and underground storage tank removal and related soil testing.

Storm Water Pollution Prevention Plan: Conducted storm water pollution prevention plans for commercial facilities.

NEPA FCC Screening and Checklist: Conducted NEPA FCC checklists for cellular tower clearance and construction activities.

Environmental Assessment (EA): Conducted EA's related to NEPA FCC Cellular tower clearance issues.

Electromagnetic Field (EMF) Study: Conducted an Electromagnetic Field study for high-tension power lines.

Indoor Air Quality Surveys: Conducted indoor air quality surveys for common indoor air irritants. Surveys conducted included microbial investigation, sampling, and microbial remediation oversight services, nuisance dust sampling, carbon monoxide, carbon dioxide and oxygen sampling and monitoring, fecal contamination sampling, sampling for NIOSH method 1500, lead sampling, PCM sampling, and formaldehyde sampling.

MICHAEL HULPKE, R.G.

PROJECT MANAGER/PROFESSIONAL GEOLOGIST

EDUCATION

1974, Northern Arizona University, Flagstaff, Arizona
B.S. / Geology

SPECIALIZED TECHNICAL TRAINING

Continuing Education – The Impact of Hazardous Materials on Real Estate; Chemical Behavior of Organic Compounds; Groundwater Modeling; Corrective Hydrogeology; Contaminant Hydrogeology.

REGISTRATIONS/CERTIFICATIONS

Registered Geologist, Arizona
EPA-Certified Asbestos Building Inspector and Management Planner
OSHA Health & Safety trained for Hazardous Waste Investigations

SELECTED PROFESSIONAL EXPERIENCE

Areas of specialty include; Environmental Site Assessments (ESAs), Groundwater Monitoring, Underground Storage Tank (UST) Management and Hazardous Waste Management Support.

Environmental Site Assessments: Since 1986, Mr. Hulpke had the primary responsibility for the development of the ESA program at one of the largest engineering firms in Arizona. He has acted as project manager for more than 1,000 ESA investigations and also participated in the research, field reconnaissance and reporting phases of these studies. The assessments have included buildings containing asbestos, radon gas and hazards arising from the use of fuel or chemical storage tanks. Mr. Hulpke has considerable experience interacting with various regulatory agencies, resulting in a working knowledge of state and federal environmental regulations.

Groundwater Monitoring: Since 1985, Mr. Hulpke has been involved in the design and/or implementation of numerous groundwater monitoring programs. He has designed and managed the installation of wells in various setting, including mining operations, landfills, UST sites and state and federal Superfund sites.

Underground Storage Tank Management: Mr. Hulpke has participated in numerous projects involving the investigation or remediation of environmental impacts resulting from the release of regulated substances from USTs (primarily petroleum products). His involvement in these projects has been in various capacities including field geologist and project manager. Mr. Hulpke also has written work and remedial action plans.

Hazardous Waste Management Support: Mr. Hulpke has been involved in a variety of project related to the identification, characterization and remediation of hazardous wastes. These projects involved soils, groundwater and debris suspected of being contaminated.