Phase I Environmental Site Assessment

ASLD Sand Bar Resort 53-124185

6400 Riverside Drive

Parker, La Paz County, Arizona 85344

February 2, 2024 | Terracon Project No. 65247020

Prepared for:

Arizona State Land Department 1110 West Washington Street Phoenix, Arizona



Prepared by: Terracon Consultants, Inc. Tempe, Arizona



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Facilities Environmental Geotechnical



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February 2, 2024

Arizona State Land Department 1110 West Washington Street Phoenix, Arizona 85007

- Attn: Mr. Bryan Sparks P: (602) 542-2651 E: bsparks@azland.gov
- Re: Phase I Environmental Site Assessment ASLD Sand Bar Resort 53-124185 6400 Riverside Drive Parker, La Paz County, Arizona 85344 Terracon Project No. 65247020

Dear Mr. Sparks:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced subject property (hereinafter known as the 'site'). This assessment was performed in accordance with our Terracon Proposal Number P65247020, dated January 9, 2024.

We appreciate the opportunity to be of service to you on this project. In addition to Phase I services, our professionals provide other environmental, geotechnical, construction materials, and facilities services on a wide variety of projects locally, regionally, and nationally. For more detailed information on all of Terracon's services please visit our website at <u>www.terracon.com</u>. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

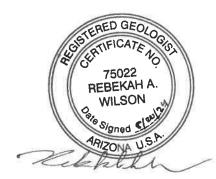
Sincerely,

Terracon Consultants, Inc.

Sophie M. McDonald Field Scientist

For:

Noelle¹J. Espinosa, PhD Authorized Project Reviewer



Rebekah A. Wilson, R.G. Project Manager

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EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was performed in accordance with our Terracon Proposal Number P65247020, dated January 9, 2024, and was conducted consistent with the procedures included in ASTM E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA was to assist the client in developing information to identify recognized environmental conditions (RECs) in connection with the site as reflected by the scope of this report. The ESA was conducted under the supervision or responsible charge of Rebekah A. Wilson, R.G., Environmental Professional. Sophie M. McDonald performed the site reconnaissance on January 26, 2024.

Findings and Opinions

A summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

Site Description and Use

The site is located at 6400 Riverside Drive, Parker, La Paz County, Arizona. The site consists of approximately 9.8 acres of land on Arizona State Trust Land Parcel 03-105501 in Parker, La Paz County, Arizona. The site is developed with the Sandbar RV resort with associated resort buildings, Shipwrecked Pirate Bar and Grill, residential dwellings, a storage area and a storage building.

Historical Information

Based on a review of historical information, the site consisted of undeveloped land until approximately 1955 when the site was cleared, and the existing RV resort was developed by 1976. From approximately 1976 to 2005 the site operated as an RV park and as D'Cucci Boats, Inc. Repair and Machine Shop, a boat repair, salvage, and sales facility. Based on previous soil and groundwater investigation conducted on site and documented in the previous 2005 Phase II subsurface investigation report (discussed in Section 3.7) the historical use of the site as a boat repair facility does not represent a REC to the site. Additionally, Terracon did not observe evidence of filling and/or vent pipes or other features indicative of an underground storage tank (UST) (noted in the 2004 Phase I ESA, discussed in Section 3.7) during the January 26, 2024 site reconnaissance.

The north adjoining property consisted of undeveloped land until approximately 1953 when the property was cleared, and the existing RV resort was developed by 1976. The east adjoining property consisted of undeveloped land until approximately 1976 when Riverside Drive was developed and improved by 1980. By at least 2020 an RV storage



yard has occupied the east adjoining property. The south and west adjoining property has consisted of the Colorado River throughout history. Based on review of the historical information, RECs were not identified with the adjoining properties.

Records Review

Select federal and state environmental regulatory databases as well as responses from state and local regulatory agencies were reviewed. The site was listed in the All Places of Interest (EMAP) and Enforcement databases. Based on the regulatory report the site was listed in the EMAP database for operating as a camping and RV resort. Additionally, the site was listed the Enforcement database for reportedly having two former Notice of Violations (NOV) related to the drinking water program. The two violations were closed and there are no current open violations. Therefore, these listings do not represent a REC to the site. The off-site facilities listed in the database report do not appear to represent RECs to the site at this time based upon regulatory status, apparent gradient, and/or distance from the site. Based on review of the historical information, RECs were not identified.

Site Reconnaissance

The site consists of the Sandbar RV resort with associated resort buildings including the Shipwrecked Pirate Bar and Grill, residential dwellings, a storage area and a storage building. During the reconnaissance, Terracon observed a 6250-Watt portable generator, multiple air compressors, and multiple 5-gallon gasoline cans stored in the eastern storage building; a ventilation hood, a cooling system, and new automotive batteries for sale in the Shipwrecked Pirate Bar and Grill; 5-gallon paint buckets and a groundwater well in the central storage area; multiple propane tanks east of the Shipwrecked Pirate Bar and Grill; multiple 55-gallon drums of water (used as barricades) throughout the site; multiple empty 100-250-gallon water softener tanks south of the restroom and shower building; indications of a septic system on the southern and central portions of the site; interior floor drains in the resort buildings; pole-mounted and a pad-mounted transformers on the eastern and central portion of the site; and two 55-gallon hydraulic oil drums with de minimis staining located south of the eastern storage building. Based on the site reconnaissance, RECs were not identified with the current site operations.

Adjoining Properties

The site is adjoined to the north by Fox's RV Resort and Floating Bar (6350 Riverside Drive and 6190 Rio Lindo Shores Drive); to the east by Riverside Drive followed by an RV and boat storage yard (unaddressed) and undeveloped land; and to the south and west by the Colorado River. RECs to the site were not observed associated with the adjoining properties.



Significant Data Gaps

No significant data gaps (SDGs) were identified.

Conclusions

We have performed a Phase I ESA consistent with the procedures included in ASTM Practice E1527-21 of approximately 9.8 acres of land located on Arizona State Trust Land Parcel 03-105501 in Parker, La Paz County, Arizona, the site. RECs, controlled RECs (CRECs) or SDGs were not identified in connection with the site.

Recommendations

Based on the scope of services, limitations, and conclusions of this assessment, Terracon does not recommend additional site investigation at this time.

While RECs were not identified, the previous 2004 Phase I ESA observed piping and/or vents indicative of subsurface features (possibly septic), that were not observed in 2024. Terracon recommends a soil management plan in the event of future renovations at the site to address potential subsurface features from previous site operations.



1.0 INTRODUCTION

1.1 Site Description

Site Name	ASLD Sand Bar Resort 53-124185
Site Location/Address	6400 Riverside Drive, Parker, La Paz County, Arizona Arizona State Trust Land Parcel No. 03-105501
Land Area	Approximately 9.8 acres
Site Improvements	Sandbar RV Resort
Anticipated Future Site Use	Sandbar RV Resort
Reason for the ESA	Disposition

The location of the site is depicted on Exhibit 1 of Appendix A, which was reproduced from a portion of the USGS 7.5-minute series topographic map. The site and adjoining properties are depicted on the Site Diagram, which is included as Exhibit 2 of Appendix A. Acronyms and terms used in this report are described in Appendix F.

1.2 Scope of Services

This Phase I ESA was performed in accordance with our Terracon Proposal Number P65247020, dated January 9, 2024, and was conducted consistent with the procedures included in ASTM E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site as reflected by the scope of this report. Recognized environmental conditions are defined by ASTM E1527-21 as "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property under to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment." A *de minimis* condition is not a REC.

This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews (including local government inquiries, as applicable), and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations, ASTM deviations, and significant data gaps (if identified) are noted in the applicable sections of the report.



1.3 Standard of Care

This ESA was performed in accordance with generally accepted practices of this profession, undertaken in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not received by the report date. Where appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I ESAs, such as the one performed at this site, are of limited scope, are noninvasive, and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the site beyond what is identified by the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records were not reviewed. It should be recognized that environmental concerns may be documented in public records that were not reviewed. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, expressed or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the site or otherwise uses the report for any other purpose. These risks may be further evaluated – but not eliminated – through additional research or assessment. We will, upon request, advise you of additional research or assessment options that may be available and associated costs.

1.4 Additional Scope Limitations, ASTM Deviations, and Data Gaps

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, vapor intrusion assessments or indoor air quality assessments (i.e., evaluation of the presence of vapors within a building structure), business environmental risk evaluations, or other services not particularly identified and discussed herein. Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request. Pertinent documents are referred to in the text of this report, and a separate reference section has not been included. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder.



An evaluation of the significance of limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the site's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances, petroleum products or PFAS compounds may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice.

1.5 Reliance

This ESA report is prepared for the exclusive use and reliance of Arizona State Land Department. Use or reliance by any other party is prohibited without the written authorization of Arizona State Land Department and Terracon Consultants, Inc. (Terracon).

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, ESA report, and Terracon's Agreement for Services. The limitation of liability defined in the Agreement for Services is the aggregate limit of Terracon's liability to the client and all relying parties.

Continued viability of this report is subject to ASTM E1527-21 Section 4.6. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E1527-21.

1.6 Client Provided Information

Prior to the site visit, Mr. Bryan Sparks, was asked to provide the following user questionnaire information as described in ASTM E1527-21 Section 6.



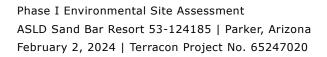
Client Questionnaire Responses

Client Questionnaire Item	Client Did Not Respond	Client's Response	
	Respond	Yes	No
Specialized Knowledge or Experience that is material to a REC in connection with the site.			х
Actual Knowledge of Environmental Liens or Activity Use Limitations (AULs) that may encumber the site.			х
Actual Knowledge of a Lower Purchase Price because contamination is known or believed to be present at the site.			х
Commonly Known or Reasonably Ascertainable Information that is material to a REC in connection with the site.			х
Obvious Indicators of Releases at the site.			Х

Terracon's consideration of the client provided information did not identify RECs. A copy of the questionnaire is included in Appendix C.

2.0 PHYSICAL SETTING

Physical	Setting Information	Source				
	Topography					
Site Elevation	Approximately 370 to 390 feet above sea level.	UCCC Tono ana his Man. Cross				
Topographic Gradient	Gently sloping towards the west.	USGS Topographic Map, Cross Roads, California Quadrangle, 2021 (Appendix A)				
Closest Surface Water	The Colorado River, adjoining the site to the west.					
	Soil Characteristics					
Soil Type	Gilman-Yahana-Brios complex (420) ~90% Water Association (430) ~10%	La Paz County, Arizona Web Soil Survey (WSS), United States				
Description	<u>Gilman-Yahana-Brios complex</u> (420): This well drainage, very low runoff soil derives from mixed stream alluvium. This soil ranges from nonsaline to very slightly saline with a high ability to	Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS) <u>http://websoilsurvey.nrcs.usda.gov/</u> Reviewed on January 23, 2023				





Physical	Setting Information	Source
	transmit water. This soil is not prime farmland. <u>Water Association (430)</u> : 100% water.	
	Geology/Hydrogeolog	IY
Formation	Quaternary Surficial deposits, undivided (0 - 2 Ma)	
Description	Unconsolidated to strongly consolidated alluvial and eolian deposits. This unit includes: coarse, poorly sorted alluvial fan and terrace deposits on middle and upper piedmonts and along large drainages; sand, silt and clay on alluvial plains and playas; and wind-blown sand deposits.	USGS Geologic Map of Arizona, 2013 <u>https://geomapaz.azgs.arizona.edu</u> <u>/</u> Reviewed on January 23, 2023
Estimated Depth to First Occurrence of Groundwater	Approximately 19 – 22 feet below ground surface (bgs).	Arizona Department of Water Resources (ADWR) Groundwater Data Website <u>https://new.azwater.gov/gis</u> (Well registration numbers registered to the site: 55-550020, 55-628658, 55-628659 and 55- 628660) Reviewed on January 23, 2023 and Phase II ESA, dated January 13, 2005
*Hydrogeologic Gradient	Not known - may be inferred to be p (primarily to the west).	parallel to topographic gradient

* The groundwater flow direction and the depth to shallow, unconfined groundwater, if present, would likely vary depending upon seasonal variations in rainfall and other hydrogeological features. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

3.0 HISTORICAL USE INFORMATION

Terracon reviewed the following historical sources to develop a history of the previous uses of the site and surrounding area, in order to help identify RECs associated with past uses. Copies of selected historical documents are included in Appendix C.



3.1 Historical Topographic Maps, Aerial Photographs, and Sanborn Maps

Readily available historical USGS topographic maps and selected historical aerial photographs (at approximately 10- to 15-year intervals) were reviewed to evaluate land development and obtain information concerning the history of development on and near the site. Reviewed historical topographic maps and aerial photographs are summarized below.

Historical fire insurance maps produced by the Sanborn Map Company were requested from Environmental Data Resources, Inc. (EDR) to evaluate past uses and relevant characteristics of the site and surrounding properties. EDR provided Sanborn maps were not available for the site and surrounding areas.

- Topographic maps:
 - Parker Quadrangle, AZ, published in **1911** (1:125,000).
 - Parker Dam Area, AZ, published in **1950** (1:62,500).
 - Gene Wash, CA, published in **1959**, photo-revised in **1975** (1:24,000).
 - Cross Roads, CA Quadrangle, published in **1959**, photo-revised in **1977**, 2012, 2015, 2018 and **2021** (1:24,000).
- <u>Aerial photograph</u>: EDR Aerial Photographs: 1947, 1953, 1955, 1976, 1980, 1983, 1992, 1994, 2002, 2007, 2010, 2014, 2017 and 2020 (1:500) are included in Appendix C.
 - GoogleEarth: 2022 and 2023 (Variable Scale)

Direction	Description
Site	Depicted as undeveloped land (1911); undeveloped land (1947); cleared land (1953 - 1955); existing RV resort (1976 - 2023).
North Depicted as undeveloped land (1911); undeveloped land (1947); cleared (1953 – 1955); existing RV resort (1976 – 2023).	
East	Depicted as undeveloped land followed by Highway 95 (1911); undeveloped land (1947 – 1955); Riverside drive followed by undeveloped land (1976); Riverside Road improved (1980 – 2023).
South	Colorado River.
West	Colorado River.

Historical Maps and Aerial Photographs



3.2 Historical City Directories

The EDR Digital Archive and Cole Information city directories used in this study were made available through EDR (selected years reviewed: 2000 – 2020) and were reviewed at approximate five-year intervals, if readily available. Street listings were not available prior to 2000. The current street address for the site was identified as 6400 Riverside Drive.

Historical City Directories

Direction	Description		
Site	6400 Riverside Drive : D'cucci Boats Incorporated (2000); Kabo Enterprieses (2010); Sandbar Resort at Red Rock (2010 – 2017); residential listings (2005 – 2020).		
North	6350 Riverside Drive: BJ Enterprises (2005); Residential listings (2000 – 2020); Fox's Pier Point Landing Resort (2010 – 2020).		
East	Undeveloped land and unaddressed RV storage yard.		
South	The Colorado River.		
West	The Colorado River.		

3.3 Site Ownership

Based on a review of information obtained from the La Paz County Assessor's records, the current site owner is the Sate of Arizona.

3.4 Title Search

At the direction of the client, a title search was not included as part of the scope of services. Unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

3.5 Environmental Liens and Activity and Use Limitations

The EDR regulatory database report included a review of both Federal and State Engineering Control (EC) and Institutional Control (IC) databases. Based on a review of the database report, the site was not listed on the EC or IC databases. Please note that in addition to these federal and state listings, AULs can be recorded at the county and municipal level that may not be listed in the regulatory database report. Environmental lien and activity and use limitation records recorded against the site were not provided by the client. At the direction of the client, performance of a review of these records was not included as part of the scope of services and unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.



3.6 Interviews Regarding Current and Historical Site Uses

The following individuals were interviewed regarding the current and historical use of the site.

Interviewer	Name / Phone #	Title	Date/Time
Sophie McDonald	Donielle Naylor / (928) 247-0053	Site Operations/Business Owner	January 24, 2023 / ~3pm
Martha Leal	Bryan Sparks / (602) 542-2651	Site Owner Representative	January 30, 2024 / ~4pm

Interviews

Terracon interviewed Ms. Donielle Naylor, site operations/business owner, for site operations information. Mr. Naylor indicated she has been familiar with the site for eighteen years. Ms. Naylor indicated the site historically operated as a boat sales and repair facility and an RV resort. Ms. Naylor stated the site has not conducted boat maintenance operations since 2005. Additionally, Ms. Naylor indicated the site operates as an RV resort, RV storage yard, boat launch and a bar and restaurant (Shipwreck Pirate Bar and Grill; only operates in the summer). Ms. Naylor indicated there are a few employees who live full-time on site in residences on the southern portion of the site. Ms. Naylor indicated the site has a groundwater well; however, it is not in use. Ms. Naylor indicated the site uses EPCOR for drinking water and Arizona Public Service (APS) for electricity. Ms. Naylor indicated the site is on a septic system for sewage. Ms. Naylor indicated there are two septic holding/separating tanks below ground on site located on the southern and central portion of the site. Ms. Naylor indicated the solid waste is cleaned out twice a year by an off-site company and the liquid waste leads into a leach field located on the central portion of the site, which has multiple ventilation pipes located. Ms. Naylor indicated she has had no issues with the septic system. Ms. Naylor provided previous Phase I and Phase II ESAs conducted on site, which are reviewed in Section 3.7. Ms. Naylor indicated there are two 55-gallon drums located on the eastern portion of the site filled with unknown substances that have been there since she has been familiar with the site (approximately 18+ years old). Ms. Naylor indicated there have been no fires or hazardous waste spills on site and did not have any environmental concerns associated with the site.

Additionally, Terracon interviewed Mr. Bryan Sparks, site owner representative, regarding the history of the site. Mr. Sparks indicated the site has operated as an RV park for approximately 30 years. Mr. Sparks indicated he was unaware of the site operating as a boat repair/maintenance facility. Mr. Sparks indicated he was unaware of and had no knowledge of any notice of violations (NOVs) associated with the site. Mr. Sparks indicated he had no knowledge of the groundwater wells registered to the site.



Mr. Sparks indicated he was unaware of any chemical or hazardous waste products stored on site or spilled on site and was unaware of any historic fires on site. Lastly, Mr. Sparks indicated he was unaware of any pending, threatened, or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the property.

3.7 Prior Report Review

Terracon requested the client provide any previous environmental reports they are aware of for the site. Previous reports were not provided by the client to Terracon for review. However, previous reports were provided by the current site operations/business owner.

Phase I ESA
 Red Rock Resort and Campground
 6400 Riverside Drive
 Parker, AZ 85344
 Dated: June 7, 2004
 Prepared by: TAS Environmental
 For: Horizon Community Bank

The TAS Environmental (TAS) June 2004 Phase I ESA (2004 Phase I) was conducted on 9.8 acres of Arizona State leased land located in La Paz County, Arizona, the site, and was reportedly conducted consistent with the procedures included inASTM E1527-00. The 2004 Phase I reported the site to consist of the Red Rock Resort; an RV campground with semi-permanent RV campsites, numerous resort buildings, a boat storage area, and a building on the eastern portion of the site that was historically operated as D'Cucci Boat Repair and Machine Shop. The 2004 Phase I reported the site to be connected to a septic system and reported there to be four groundwater wells, with one in use. The 2004 Phase I listed multiple environmental concerns which included stained soil south of the boat repair building (currently the eastern storage building) from multiple 55-gallon drums and smaller containers filled with possible used oil, manufacturing chemicals, lubricants, and paint thinners. Additionally, the 2004 Phase I listed there to be a polychlorinated biphenyls (PCB) transformer on site and a possible filling and vent pipe located on the northern portion of the boat storage area, which TAS indicated may be related to an underground storage tank (UST). The 2004 Phase I reported a 200-gallon oil aboveground storage tank (AST) that was stored south of the boat repair building historically; not present in 2004. An interview form completed by the 2004 operations manager indicated the following: the site being used for industrial use/motor repair; storing automotive batteries and 55-gallon drums of oils and other chemicals; having fill dirt/soil brought onto the site from either a contaminated property or unknown property; having either a pit, pond, or lagoon for waste treatment or disposal; stained soils; having unregistered storage tanks (AST or UST); having a fill pipe on site; having hazardous substances and/or petroleum products buried or burned on site; and was



aware of pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability associated with the site. Based on the interview, documentation and site observations, numerous environmental concerns were identified, therefore, the 2004 Phase I recommended a Phase II investigation and remediation (discussed below).

Terracon did not observe evidence of filling and/or vent pipes or other features indicative of a UST during the January 26, 2024 site reconnaissance. Additionally, the PCB transformer was not observed.

 Phase II ESA Red Rock Resort and Campground 6400 Riverside Drive Parker, AZ 85344 Dated: January 13, 2005 Prepared by: Miller and Brooks Environmental, Inc. For: Geraldine and James Naylor c/o Bueler Jones, LLP

The Miller and Brooks Environmental, Inc. (Miller Brooks) 2005 Phase II ESA (2005 Phase II) was conducted in response to the findings of the previous 2004 Phase I ESA (discussed above). The 2005 Phase II was conducted on 9.8 acres of Arizona State leased land located in La Paz County, Arizona, the site. The 2005 Phase II indicted the State of Arizona (site owner) issued two letters dated, February 28, 2002 and May 5, 2004, requesting the extent of the soil contamination identified in the previous 2004 Phase I ESA be assessed and stained soil at the site be removed or remediated. On December 9, 2004 Miller Brooks drilled 8 soil borings in the locations of the former ASTs, drum storage areas, and areas of stained soil near and around the former D'Cucci Boat Repair and Machine Shop (currently the eastern storage building). A total of 28 soil samples were collected at depths ranging from the surface to 15 feet bgs. In addition, groundwater was encountered in two of the eight brings, so temporary wells were installed for sampling groundwater. Additionally, groundwater was sampled from one of the four existing domestic groundwater wells (discussed further in Section 4.2). Soil samples were analyzed for volatile organic compounds (VOCs) and total petroleum hydrocarbons (TPH) and groundwater was analyzed for VOCs. Laboratory analytical data indicated TPH was detected above laboratory detection limits in three of the twentyseven samples taken at the surface. In addition, the VOCs 1,3,5-trimethylbenzene (1,3,5-TMB) and toluene were detected in two separate of the surface soil samples. The detectable contaminant concentrations were below the Arizona Department of Environmental Quality (ADEQ) soil remediation levels (SRLs) and groundwater protection levels (GPLs). Concentrations of VOCs were not detected in the groundwater samples. Based on the analytical results, Miller Brooks recommended no further action for the site. However, Miller Brooks did recommend the domestic water well on site be properly registered with ADWR. Based on a review of the ADWR website (Section 4.2) the well is properly registered.



Based on the review of the previous 2004 Phase I ESA and 2005 Phase II ESA, Terracon did not identify a REC to the site. While not a REC, Terracon notes the 2004 Phase I identified piping and/or vents indicating subsurface features may be present on the site. The piping and/or vents were not observed during the 2024 site reconnaissance and no evidence of subsurface features were identified during the 2005 Phase II activities. Copies of the previous environmental reports are included in Appendix G.

4.0 RECORDS REVIEW

Regulatory database information was provided by EDR, a contract information services company in a report dated January 16, 2024. The purpose of the records review was to identify RECs in connection with the site. Information in this section is subject to the accuracy of the data provided by the information services company and the date at which the information is updated. The scope herein did not include confirmation of facilities listed as "unmappable" by regulatory databases.

In some of the following subsections, the words up-gradient, cross-gradient, and downgradient refer to the topographic gradient in relation to the site. As stated previously, the groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

4.1 Federal and State/Tribal Databases

Listed below are the facility listings identified on federal and state/tribal databases within the ASTM-required search distances from the approximate site boundaries. Database definition, descriptions, and the database search report are included in Appendix D.

Database	Description	Distance (miles)	Listings
CERCLIS	Comprehensive Environmental Response, Compensation, & Liability Information System	0.5	0
CERCLIS / NFRAP	Comprehensive Environmental Response, Compensation, & Liability Information System/No Further Remedial Action Planned	0.5	0
ERNS	Emergency Response Notification System	Site	0
CA Response	California Emergency Response Notification System		

Federal Databases



Database	Description	Distance (miles)	Listings
IC / EC	Institutional Control/Engineering Control	Site	0
NPL	National Priorities List	1	0
NPL (Delisted)	National Priorities Delisted List	0.5	0
RCRA CORRACTS/ TSD	RCRA Corrective Action Activity	1	0
RCRA Generators	Resource Conservation and Recovery Act	Site and adjoining properties	0
RCRA Non- CORRACTS/ TSD	RCRA Non-Corrective Action Activity	0.5	0

State/Tribal Databases

Database	Description	Distance (miles)	Listings
AUL	Activity and Use Limitation	Site	0
Brownfields	Arizona Brownfields Sites	0.5	0
CA Brownfields	California Brownfields Sites	0.5	0
LUST	Arizona Leaking Underground Storage Tanks	0.5	0
CA LUST	California Leaking Underground Storage Tanks	0.5	1
SHWS	State Hazardous Waste Site	0.5	0
SPILLS	Hazardous Material Incident List	Site	0
SPL	Superfund Program List	1	0
SWF/LF	Arizona Solid Waste Facilities/Landfills	0.5	0
CA SWF/LF	California Solid Waste Facilities/Landfills	0.5	0
UST	Underground Storage Tanks	Site and adjoining properties	0
CA UST	California Underground Storage Tanks	Site and adjoining properties	0
VCP	Arizona Voluntary Cleanup Program	0.5	0
CA VCP	California Voluntary Cleanup Program	0.5	0



Databa	ise	Description	Distance (miles)	Listings
WQAR	ξF	Water Quality Assurance Revolving Fund Sites	1	0

In addition to the above ASTM-required listings, Terracon reviewed other federal, state, local, and proprietary databases provided by the database firm. A list of the additional reviewed databases is included in the regulatory database report in Appendix D.

The following table summarizes the site-specific information provided by the database and/or gathered by this office for facilities identified within a 500-foot radius of the site. Facilities are listed in order of proximity to the site. The distance and direction of identified facilities relative to the site were verified using the Maricopa County Assessor's website. Additional discussion for facilities located within a 100-foot radius of the site or 200-foot radius and up-gradient of the site, if any, follows the summary table.

Listed Facilities

Facility Name and	Estimated Distance /	Database	Findings
Location	Direction/Gradient	Listings	Summary
Sandbar Resort at Red Rock 6400 Riverside Drive	Site	EMAP, Enforcement	Not a REC, discussed below.

Sandbar Resort at Red Rock (6400 Riverside Drive)

The site was listed in the EMAP and Enforcement databases. Based on the regulatory report the site was listed in the EMAP database for operating as a camping and RV resort. Additionally, the site was listed the Enforcement database for reportedly having two drinking water program violations. The first NOV was opened on March 30, 2009 and closed on February 18, 2010. The second NOV was opened on August 3, 2016 and closed on August 31, 2016. Drinking water program violations are associated with drinking water quality violations such as failure to test water routinely, or waterborne diseases are identified. Enforcement records were not available through ADEQ. According to the site owner, the site is provided water through an off-site company (EPCOR). There are no open violations for the site. Based on regulatory status, the identified regulatory listings do not represent a REC.

The remaining facilities listed in the database report do not appear to represent RECs to the site at this time based upon regulatory status, apparent topographic gradient, and/or distance from the site.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the site. The report listed one facility in the unmapped section. Determining the location of unmapped facilities is beyond the scope of this assessment; however, none of these facilities were identified as



the site or adjacent properties. These facilities are listed in the database report in Appendix D.

4.2 Local Agency Inquiries

Agency Contacted/ Contact Method	Response
Town of Parker https://www.townofparkeraz.com/	The site is not within the Town of Parker jurisdiction; therefore, records are not recorded for the site through the Town of Parker.
La Paz County / Online Request <u>https://www.co.la-paz.az.us/FormCenter/Public-Records-Request-9/Public-Records-Request-Form-Community-De-106</u>	A request was submitted to La Paz County for records of environmental concern associated with the site. A response received from the La Paz County on January 25, 2024, indicated no records exist in connection with the site. A copy of the response is included in Appendix C.
Arizona State Fire Marshal / Online Portal <u>https://azfiremarshal.my.site.com/s/guest-</u> <u>application?applnType=Public%20Records%20Re</u> <u>quest</u>	A request was submitted to the Arizona State Fire Marshal for records of environmental concern associated with the site. At the issuance of this report a response had not yet been received from Arizona State Fire Marshal. A copy of the request and status is included in Appendix C.
ADEQ / EMAP and MEGASEARCH https://gisweb.azdeq.gov/arcgis/emaps/ https://megasearch.azdeq.gov/megasearch	The ADEQ online map and web search were reviewed by Terracon on January 23, 2024, to identify possible UST/LUST or drywell registrations for the site. UST/LUST and dry wells were not found associated with the site or with the adjoining properties. A copy of the map and search are included in Appendix C.



Agency Contacted/ Contact Method	Response
ADWR / Groundwater Data Website https://www.azwater.gov/gis/gis-data-and-maps	The ADWR website was reviewed to identify groundwater wells registered to the site. Four water production domestic groundwater wells were registered to the site. Well registration Numbers: 55-550020 (installed in 1995), 55-628658 (installed in 1957), 55- 628659 (installed in 1961) and 55-628660 (installed in 1962). All four wells are registered as active on the ADWR website. However, based on an interview with the current site operations/business owner (Section 3.6) the groundwater wells are out of use and the site is supplied water from EPCOR. During the site reconnaissance Terracon observed one of the four wells, which is discussed further in Section 5.3. Copies of the well documents are included in Appendix C.

5.0 SITE RECONNAISSANCE

5.1 General Site Information

Information contained in this section is based on a visual reconnaissance conducted while walking through the site and the accessible interior areas of structures, if any, located on the site. The site and adjoining properties are depicted on the Site Diagram, which is included in Exhibit 2 of Appendix A. Photo documentation of the site at the time of the visual reconnaissance is provided in Appendix B. Credentials of the individuals planning and conducting the site visit are included in Appendix E.

Site Reconnaissance		
Field Personnel	Sophie M. McDonald	
Reconnaissance Date	January 26, 2024	
Weather Conditions	Clear skies and breezy; ~70 degrees Fahrenheit	
Site Contact/Title	Kenny Naylor / Sandbar RV Resort Owner Representative	

General Site Information



Building Description				
Building Identification	Building Use	Approx. Construction Date	Number of Stories	Approx. Size (ft²)
Shipwrecked Pirate Bar and Grill	Restaurant and Bar	1976	1	3,500
Mail and Laundry Building	Mail, Laundry and Storage Room	1976	1	1,000
Restroom and Shower Building	Guest Restrooms, and Showers	1976	1	1,000
Storage Building	Storage	1976	2	5,000
Northern Residence	Residential Dwelling	1976	1	1,200
Southern Residence	Residential Dwelling	1976	1	1,400
Site Utilities				
Drinking Water	EPCOR			
Wastewater	Septic System			
Electric	Arizona Public Service (A	PS)		
Natural Gas	Passmore Gas; Propane			

5.2 Overview of Current Site Occupants & Operations

The site is located at 6400 Riverside Drive, Parker, La Paz County, Arizona. The site consists of approximately 9.8 acres of land on Arizona State Trust Land Parcel 03-105501 in Parker, La Paz County, Arizona. The site is developed with the Sandbar RV resort with associated resort buildings, Shipwrecked Pirate Bar and Grill, residential dwellings, a storage area and a storage building.

5.3 Site Observations

The following table summarizes site observations and interviews. Affirmative responses (designated by an "X") are discussed in more detail following the table.

Category	Item or Feature	Observed or Identified
Site Operations,	Emergency generators	Х
Processes, and	Elevators	
Equipment	Air compressors	Х

Site Characteristics



Category	Item or Feature	Observed or Identified
	Hydraulic lifts	
	Dry cleaning	
	Photo processing	
	Ventilation hoods and/or incinerators	Х
	Waste treatment systems and/or water treatment systems	
	Heating and/or cooling systems (HVAC)	Х
	Paint booths	
	Sub-grade mechanic pits	
	Wash-down areas or carwashes	
	Pesticide/herbicide production or storage	
	Printing operations	
	Metal finishing (electroplating, chrome plating, galvanizing, etc.)	
	Salvage operations	
	Oil, gas, or mineral production	
	Other processes or equipment	Х
Aboveground	Aboveground storage tanks	
Chemical or	Drums, barrels, and/or containers \geq 5 gallons	Х
Waste Storage	MSDS or SDS	
	Underground storage tanks or ancillary UST equipment	
Underground	Sumps, cisterns, French drains, catch basins, and/or dry wells	
Chemical or	Grease traps	
Waste Storage, Drainage or	Septic tanks and/or leach fields	Х
Collection Systems	Oil/water separators, clarifiers, sand traps, triple traps, interceptors	
	Pipeline markers	
	Interior floor drains	Х
Electrical	Transformers and/or capacitors	Х
Transformers/ PCBs	Other equipment	
Releases or	Stressed vegetation	
Potential Releases	Stained soil	



Category	Item or Feature	Observed or Identified
	Stained pavement or similar surface	
	Leachate and/or waste seeps	
	Trash, debris, and/or other waste materials	Х
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	
	Surface water discoloration, odor, sheen, and/or free-floating product	
	Strong, pungent, or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
	Surface water bodies	
Other Notable	Quarries or pits	
Site Features	Wastewater lagoons	
	Wells	Х

Site Operations, Processes, and Equipment

Emergency generators

A 6250-Watt portable generator was observed in the eastern storage building on the eastern portion of the site. The generator is used for offsite camping. No signs of staining, leaks or noxious odors were observed in the vicinity of the generator. The 6250-Watt portable generator does not represent a REC to the site.

Air compressors

Multiple air compressors were observed in the eastern storage building. The air compressors are used for general maintenance activities throughout the RV resort. No signs of staining, leaks or noxious odors were observed in the vicinity of the air compressors. The air compressors do not represent a REC to the site.

Ventilation hoods and/or incinerators

A ventilation hood was observed in the kitchen area of the Shipwrecked Pirate Bar and Grill. A properly maintained ventilation hood for cooking purposes does not represent a REC to the site.



Heating and/or cooling systems (HVAC)

A cooling system was observed in the kitchen of the Shipwrecked Pirate Bar and Grill. No signs of staining, leaks or noxious odors were observed in the vicinity of the cooling system. The cooling system does not represent a REC to the site.

Other processes or equipment

Multiple new automotive batteries were observed for sale in the Shipwrecked Pirate Bar and Grill. No signs of staining, leaks or noxious odors were observed in the vicinity of the batteries. The new automotive batteries do not represent a REC to the site.

Additionally, multiple propane tanks (20 pound tanks for retail sale and 250-gallon storage tanks) were observed throughout the site. Propane is used at the Shipwrecked Pirate Bar and Grill, restrooms, showers, residences, and individually owned RVs. In addition, unused 20-pound propane tanks were observed for sale outside of the Shipwrecked Pirate Bar and Grill. No signs of leaks or noxious odors were observed in the vicinity of the propane tanks. The propane tanks do not represent a REC to the site.

Aboveground Chemical or Waste Storage

Drums, barrels, and/or containers \geq 5 gallons

Multiple 5-gallon gasoline cans were observed stored in the eastern storage building. The gasoline cans were observed stored on concrete. The gasoline is used to power personally owned boats and jet skis. No signs of staining, leaks or noxious odors were observed in the vicinity of the gasoline cans. The 5-gallon gasoline cans do not represent a REC to the site.

Multiple 5-gallon buckets of paint were observed in the central storage area. The paint is used for resort maintenance. Leaks or noxious odors were not observed in the vicinity of the 5-gallon buckets of paint. The 5-gallon paint buckets do not represent a REC to the site.

Multiple 55-gallon blue drums of water were observed throughout the site. The 55-gallon drums are used as barricades throughout the resort. Leaks or noxious odors were not observed in the vicinity of the 55-gallon blue water drums. The 55-gallon blue water drums do not represent a REC to the site.

Multiple empty approximately 100- to 250-gallon water softener tanks were observed in the central storage area and outside the restroom and shower building. No signs of staining, leaks or noxious odors were observed in the vicinity of the water softener tanks. The water softener tanks do not represent a REC to the site.

Two 55-gallon drums of hydraulic fluid were observed stored on bare soil south of the eastern storage building. *De minimis* staining was observed in the vicinity of the drums;



however, signs of active leaks or noxious odors were not observed. The two 55-gallon drums do not represent a REC to the site.

Underground Chemical or Waste Storage, Drainage or Collection Systems

Septic tanks and/or leach fields

Two septic holding tanks, a septic pump, multiple ventilation pipes and indications of a leach field were observed on the southern and central portions of the site. Based on an interview with the site's operations and business owner, Ms. Donielle Naylor, the septic system is serviced by an off-site company twice a year. Based on the site reconnaissance, no signs of noxious odors or backflow was observed in the vicinity of the septic system. The septic system does not represent a REC to the site.

Interior floor drains

Multiple interior floor drains were observed in the Shipwrecked Pirate Bar and Grill and the restroom/shower building. Stains, noxious odors or hazardous materials were not in the vicinity of the floor drains. The interior floor drains do not represent a REC to the site.

Electrical Transformers/ PCBs

Transformers and/or capacitors

A pad-mounted transformer and multiple pole-mounted transformers, owned and serviced by APS, were observed located on the eastern and central portions of the site. No information with regard to PCB content of the transformer fluids was observed. Some transformers contain mineral oil which may contain PCBs.

APS maintains responsibility for the transformers, and if the transformers were "PCB contaminated," APS is not required to replace the transformer fluids until a release is identified. However, evidence of current or prior releases was not observed in the vicinity of the electrical equipment during the site reconnaissance. The pad-mounted and pole-mounted transformers do not represent a REC to the site.

Releases or Potential Releases

Trash, debris, and/or other waste materials

Three municipal waste dumpsters, owned and serviced by Republic Service, were observed on the northern and central portions of the site. Hazardous waste, oils, sheens or noxious odors were not observed in the vicinity of the dumpsters. The municipal waste dumpsters do not represent a REC to the site.



Other Notable Site Features

<u>Wells</u>

One groundwater well was observed in the central storage area. The well was observed out of operation with a 5-gallon bucket covering the well. Stains, noxious odors or hazardous materials were not in the vicinity of the. The well does not represent a REC to the site. The well is discussed further in Section 4.2.

6.0 ADJOINING PROPERTY RECONNAISSANCE

Visual observations of adjoining properties (from site boundaries) are summarized below.

Direction	Description
North	Fox's RV Resort and Floating Bar (6350 Riverside Drive and 6190 Rio Lindo Shores Drive).
East	Riverside Drive followed undeveloped land and an RV and boat storage yard (unaddressed).
South	Colorado River.
West	Colorado River.

Adjoining Properties

RECs to the site were not observed with the adjoining properties.

7.0 ADDITIONAL SERVICES

Per the agreed scope of services specified in the proposal, additional services (e.g. leadbased paint sampling, wetlands evaluation, lead in drinking water testing, radon testing, vapor encroachment screening, etc.) were not conducted.



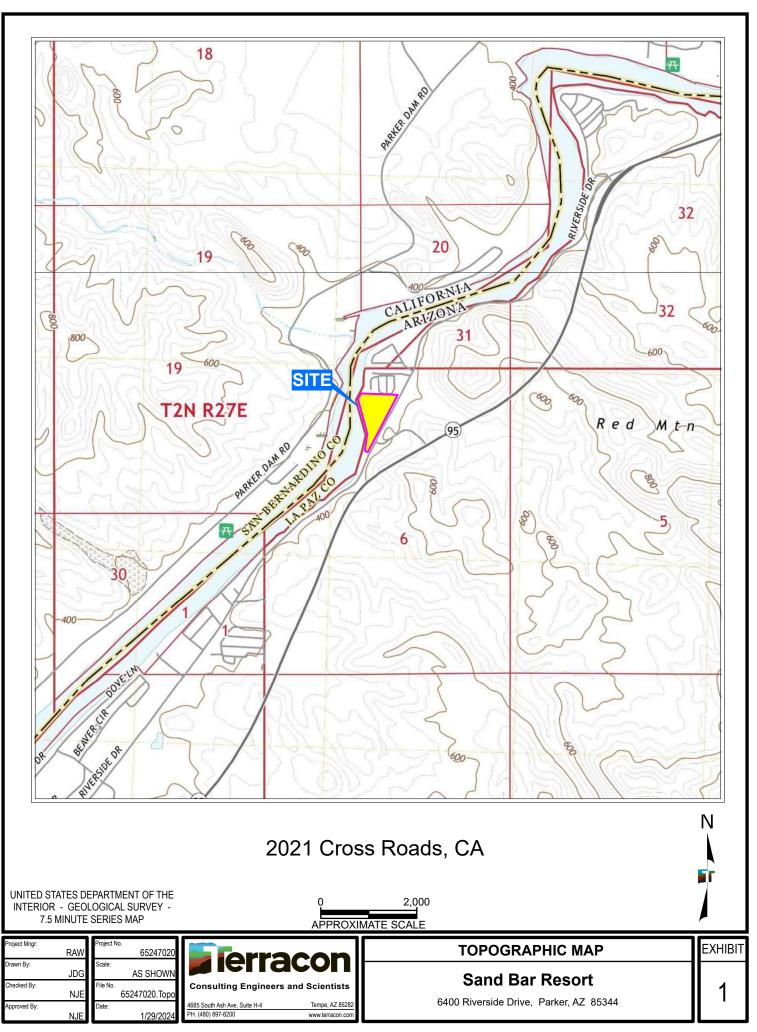
8.0 DECLARATION

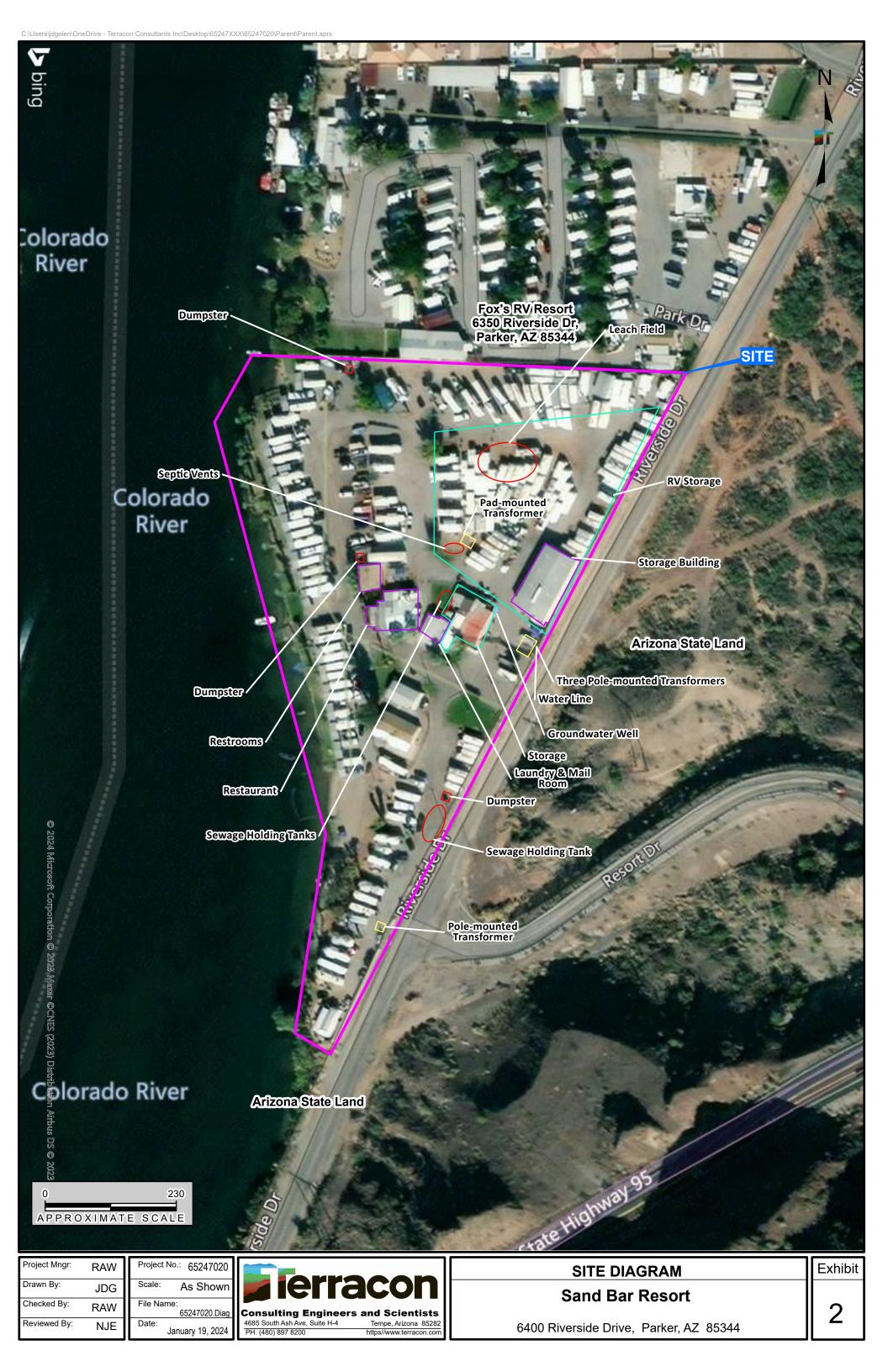
I, Rebekah A. Wilson, R.G., declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the site. I have developed and performed the All-Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Rikhler

Rebekah A. Wilson, R.G. Project Manager

APPENDIX A EXHIBIT 1: TOPOGRAPHIC MAP EXHIBIT 2: SITE DIAGRAM





APPENDIX B SITE PHOTOGRAPHS





Photo #1 View of the northwestern portion of the site, looking southeast from the north site boundary.



Photo #3 View of the southwestern portion of the site looking northeast.



Photo #5 View of the Shipwrecked Pirate Bar and Grill located on the central portion of the site.



Photo #2 View of the northeastern portion of the site, looking southwest form the northeast site boundary.



Photo #4 View of the southeastern portion of the site looking northwest.



Photo #6 View of the interior bar portion of the Shipwrecked Pirate Bar and Grill.





Photo #7 View of the mail and laundry building located on the central portion of the site.



Photo #9 View of the restroom and shower building.



Photo #11 View of the interior of the western storage building.



Photo #8 View of the interior laundry room portion of the mail and laundry building.



Photo #10 View of the storage building located on the eastern portion of the site, looking north.



Photo #12 View of the RV storage yard located on the eastern portion of the site.

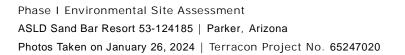






Photo #13 View of the storage area located on the central portion of the site.



Photo #15 View of typical air compressor located in the eastern storage building.



Photo #17 View of cooling system located inside the kitchen of the Shipwrecked Pirate Bar and Grill.



Photo #14 View of the 6520-Watt portable generator located inside the eastern storage building.



Photo #16 View of the ventilation hood located in the kitchen of the Shipwrecked Pirate Bar and Grill.



Photo #18 View of typical 20-pound propane tanks located on the eastern portion of the Shipwrecked Pirate Bar and Grill.





Photo #19 View of typical 250-gallon propane tank.



Photo #21 View of 55-gallon hydraulic fluid drum located south of the eastern storage building.



Photo #23 View of typical 5-gallon gasoline cans located in the eastern storage building.



Photo #20 View of new auto batteries for sale in the Shipwrecked Pirate Bar and Grill.



Photo #22 View of 55-gallon drum located south of the eastern storage building.



Photo #24 View of 5-gallon paint buckets located in the central storage area.





Photo #25 View of typical 55-gallon water drums located throughout the site.



Photo #27 View of the southern septic holding tanks.



Photo #29 View of the septic pump located south of the restroom and shower building on the central portion of the site.



Photo #26 View of typical 250-gallon empty water softener tanks located on the central portion of the site.



Photo #28 View of the central septic holding tanks.



Photo #30 View of the septic leach field located on the northern/central portion of the site.





Photo #31 View of typical interior floor drain located in the kitchen of the Shipwrecked Pirate Bar and Grill.



Photo #33 View of the pad-mounted transformer located on the central portion of the site.



Photo #35 View of a groundwater well located in the central storage area.



Photo #32 View of typical pole-mounted transformer located on the eastern site boundary.



Photo #34 View of municipal waste dumpsters located on the central portion of the site.



Photo #36 View of the north adjoining Fox RV Resort and Floating Bar.





Photo #37 View of the east adjoining Riverside Drive followed by undeveloped land.



Photo #38 View of the east adjoining Riverside Drive followed by RV storage yard.



Photo #39 View of the south and west adjoining Colorado River.

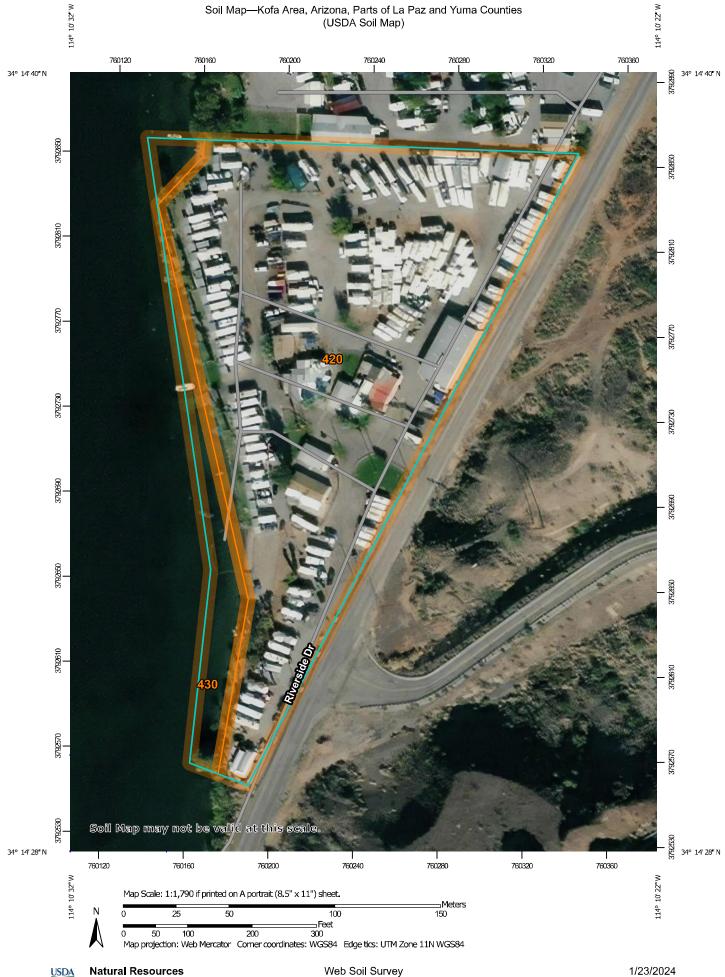
APPENDIX C

HISTORICAL DOCUMENTATION AND USER QUESTIONNAIRE

ASTM E1527-21 User Questionnaire

Date Completed	1/10/24		
Person Completing Questionnaire	Name: BRYNN Spinicks Company: A-SLA	Phone: 502-542-2551 Email: 55parts @ Azland, 901	
Site Name	Sandbar RV Resort ASLD Reference	e Number 53-124186	
Site Address	6400 Riverside Drive (03-105501), Parker, AZ 85344		
Point of Contact for Access	Name: Company: SEE Abeve	Phone: Email:	
Access Restrictions or Special Site Requirements?	Yes (If yes, please ex	xplain)	
Confidentiality Requirements?	No Yes (If yes, please ex	xplain)	
Current Site Owner	Name: Company: ASLS	Phone: Email:	
Current Site Operator	Name: Company:	Phone: Email:	
Reasons for ESA (e.g., financing, acquisition, lease, etc.)	Enture Stale Campground		
Anticipated Future Site Use	Campground		
Relevant Documents?	Please provide Terracon copies of prior Phase I or II ESAs, Asbestos Surveys, Environmental Permits or Audit documents, Underground Storage Tank documents, Geotechnical Investigations, Site Surveys, Diagrams or Maps, or other relevant reports or documents.		
	ASTM User Questionna	ire mall Business Liability Relief and Brownfields	
Revitalization Act of 2001 (the "Brownfields 312.25, 312.28, 312.29, 312.30, and 312.3 grantees. The user should provide the follow result in a determination that "all appropria	Amendments"), the user must response 1. These inquiries must also be concluding information to the <i>environmenta</i> te inquiries" is not complete. Cial records where appropriate) identi (40 CFR 312.25)?	ond to the following inquiries required by 40 C.F.R. §§ lucted by EPA Brownfield Assessment and Characterization al professional. Failure to conduct these inquiries could tify any environmental liens filed or recorded against the	
2) Did a search of land title records (or judi engineering controls, land use restrictions, the site under federal, tribal, state, or local No Yes (If yes, explain below and	or institutional controls that are in pl law (40 CFR 312.26)?	tify any activity and use limitations (AULs), such as acc at the site and/or have been filed or recorded against cords or judicial records reviewed.)	
3) Do you have any specialized knowledge of	r experience related to the site or n er occupants of the site or an adjoir	earby properties? For example, are you involved in the ing property so that you would have specialized	
4) Do you have actual knowledge of a lower 312.29)? NoYesNot applicable (If yes		on is known or believed to be present at the site (40 CFR	
5) Are you aware of commonly known or reaprofessional to identify conditions indicative uses of the site? (b.) Do you know of specifi	asonably ascertainable information a of releases or threatened releases (c chemicals that are present or once	bout the site that would help the environmental 40 CFR 312.30)? For example, (a.) Do you know the past were present at the site? (c.) Do you know of spills or any environmental cleanups that have taken place at the	
		ovious indicators that point to the presence or likely	
Comments or explanations:			

Ferracon



MAP LEGEND		MAP INFORMATION	
Area of Interest (AOI) Area of Interest (AOI)	Spoil AreaStony Spot	The soil surveys that comprise your AOI were mapped at 1:24,000.	
Image: Constraint of Interest (AOI)SoilsSoil Map Unit PolygonsImage: Constraint of Co		 1:24,000. Warning: Soil Map may not be valid at this scale. Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale. Please rely on the bar scale on each map sheet for map measurements. Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857) Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required. This product is generated from the USDA-NRCS certified data are of the version date(s) listed below. Soil Survey Area: Kofa Area, Arizona, Parts of La Paz and Yun Counties Survey Area Data: Version 11, Sep 8, 2023 Soil map units are labeled (as space allows) for map scales 1:50,000 or larger. Date(s) aerial images were photographed: Jul 5, 2015—Sep 24 	
 Sandy Spot Severely Eroded Spot Sinkhole Slide or Slip Sodic Spot 		2017 The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.	

п

Map Unit Legend

	-		
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
420	Gilman-Yahana-Brios complex, dry, 0 to 2 percent slopes	7.2	89.7%
430	Water association	0.8	10.3%
Totals for Area of Interest		8.0	100.0%



ASLD Sand Bar Resort 6400 Riverside Drive Parker, AZ 85344

Inquiry Number: 7541478.4 January 16, 2024

EDR Historical Topo Map Report with QuadMatch™



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

EDR Historical Topo Map Report

Site Name:

Client Name:

ASLD Sand Bar Resort 6400 Riverside Drive Parker, AZ 85344 EDR Inquiry # 7541478.4 Terracon 4685 South Ash Ave Tempe, AZ 85282 Contact: Sophie Mcdonald



01/16/24

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Terracon were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Res	ults:	Coordinates:	Coordinates:		
P.O.#	NA	Latitude:	34.243451 34° 14' 36" North		
Project:	65247020	Longitude:	-114.17454 -114° 10' 28" West		
-		UTM Zone:	Zone 11 North		
		UTM X Meters:	760217.37		
		UTM Y Meters:	3792762.05		
		Elevation:	377.94' above sea level		
Maps Provid	led:				
2021					
2018					
2015					
2012					
1975, 197	7				
1959					
1950					
1911					

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2021 Source Sheets





Cross Roads 2021 7.5-minute, 24000

Gene Wash 2021 7.5-minute, 24000

2018 Source Sheets



Cross Roads 2018 7.5-minute, 24000

Gene Wash 2018 7.5-minute, 24000

2015 Source Sheets



Cross Roads 2015 7.5-minute, 24000



Gene Wash 2015 7.5-minute, 24000

2012 Source Sheets



Cross Roads 2012 7.5-minute, 24000



Gene Wash 2012 7.5-minute, 24000

Topo Sheet Key

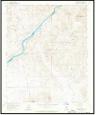
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1975, 1977 Source Sheets



Gene Wash 1975 7.5-minute, 24000 Aerial Photo Revised 1975

1959 Source Sheets



Cross Roads 1959 7.5-minute, 24000 Aerial Photo Revised 1955

1950 Source Sheets



Parker Dam Area 1950 15-minute, 62500 Aerial Photo Revised 1947

1911 Source Sheets



Parker 1911 30-minute, 125000



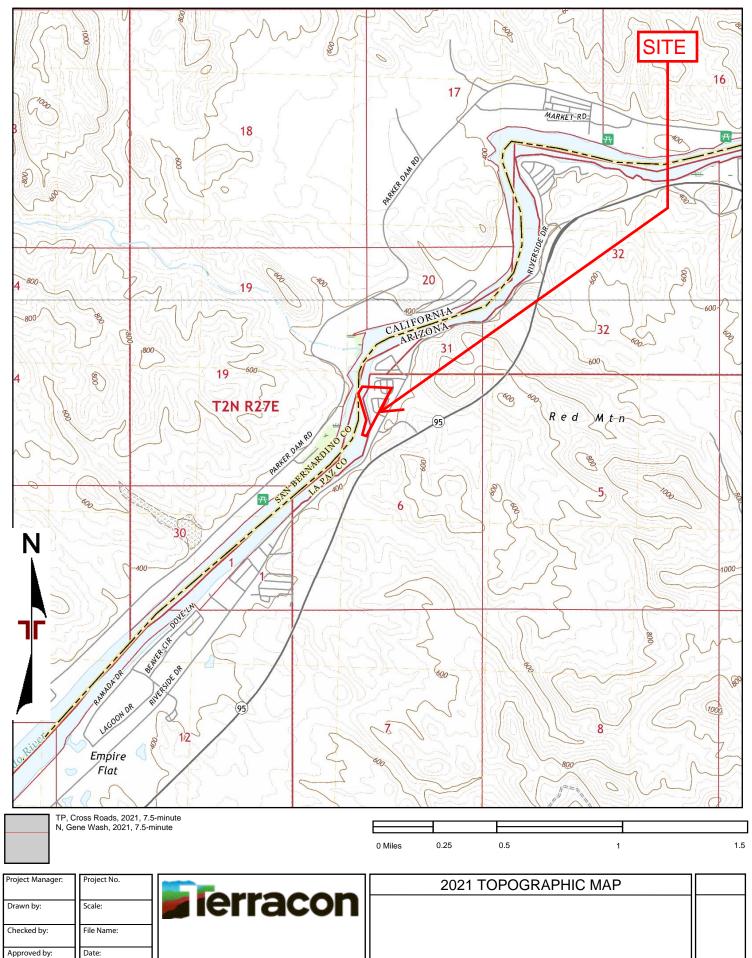
Cross Roads 1977 7.5-minute, 24000 Aerial Photo Revised 1975



Gene Wash 1959 7.5-minute, 24000 Aerial Photo Revised 1955



2021

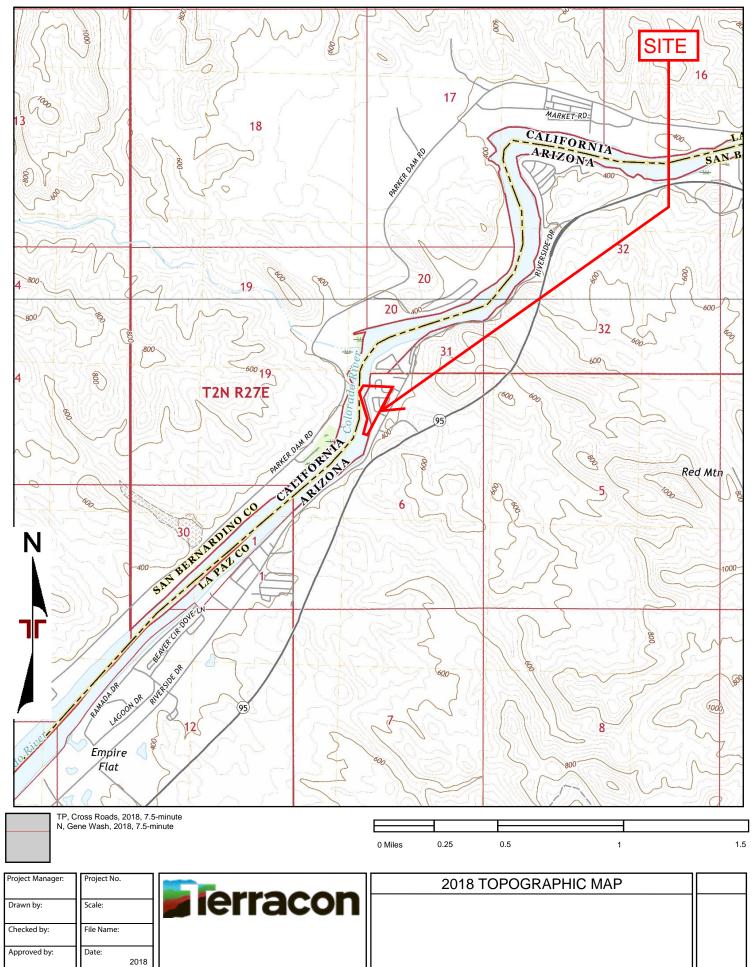


2021



Topographic Map





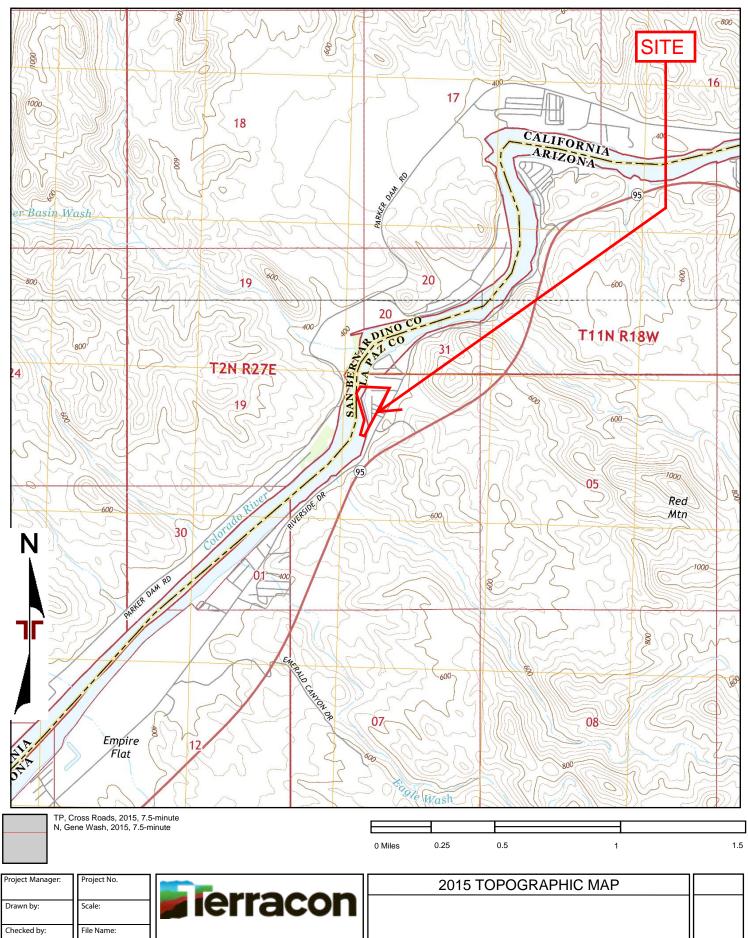


Date:

2015

Approved by:

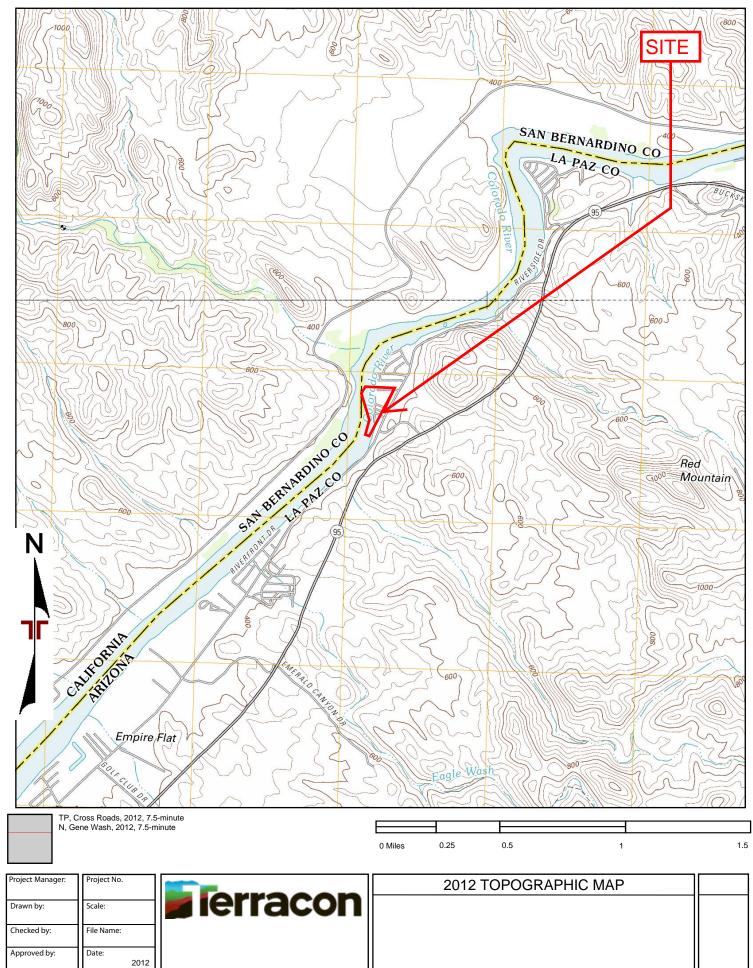
Topographic Map



2015



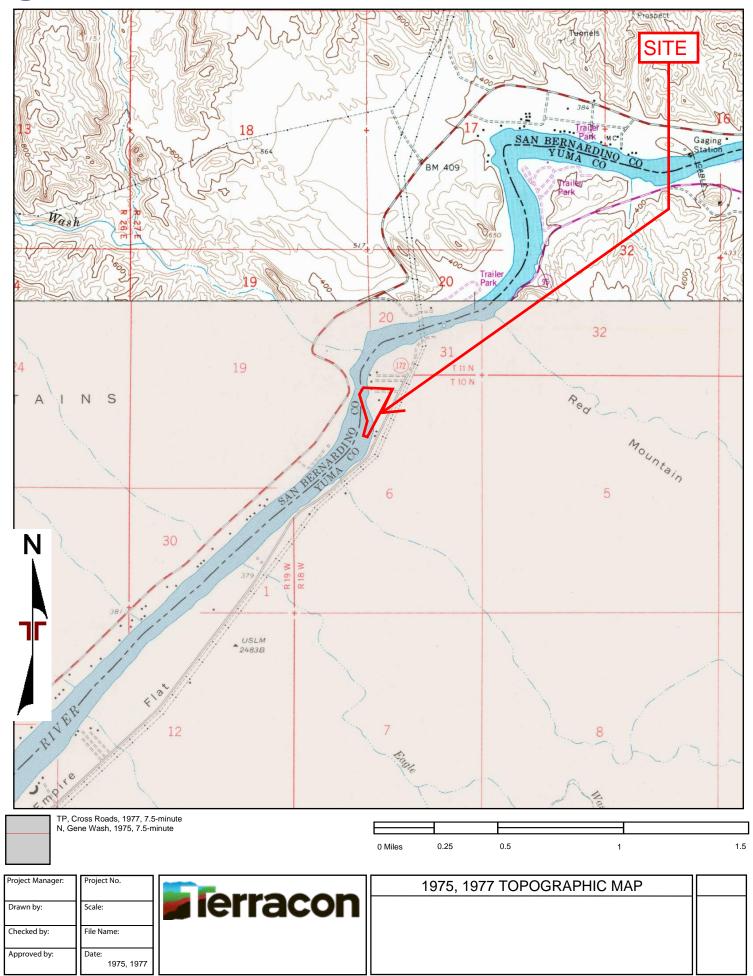
Topographic Map





Topographic Map

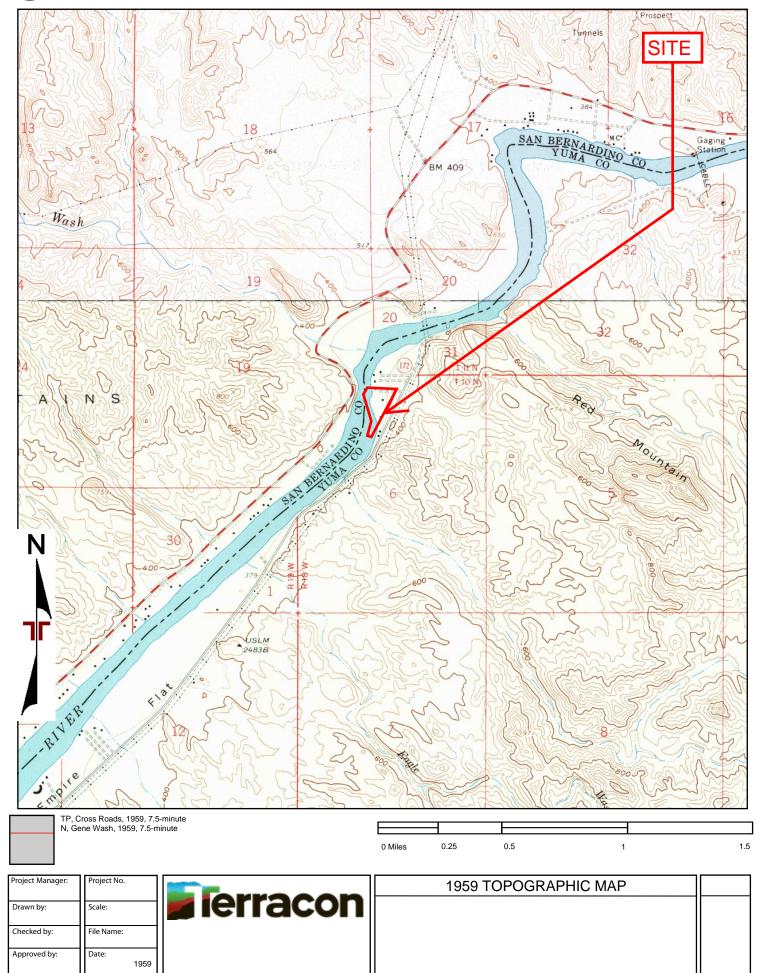
1975, 1977





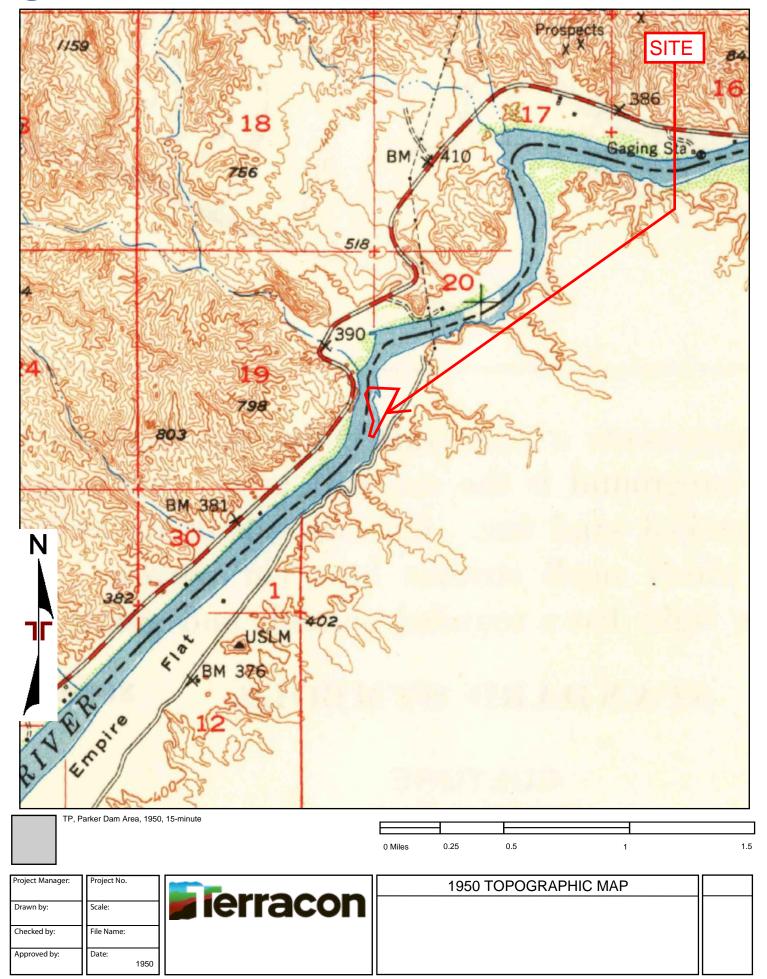
Topographic Map



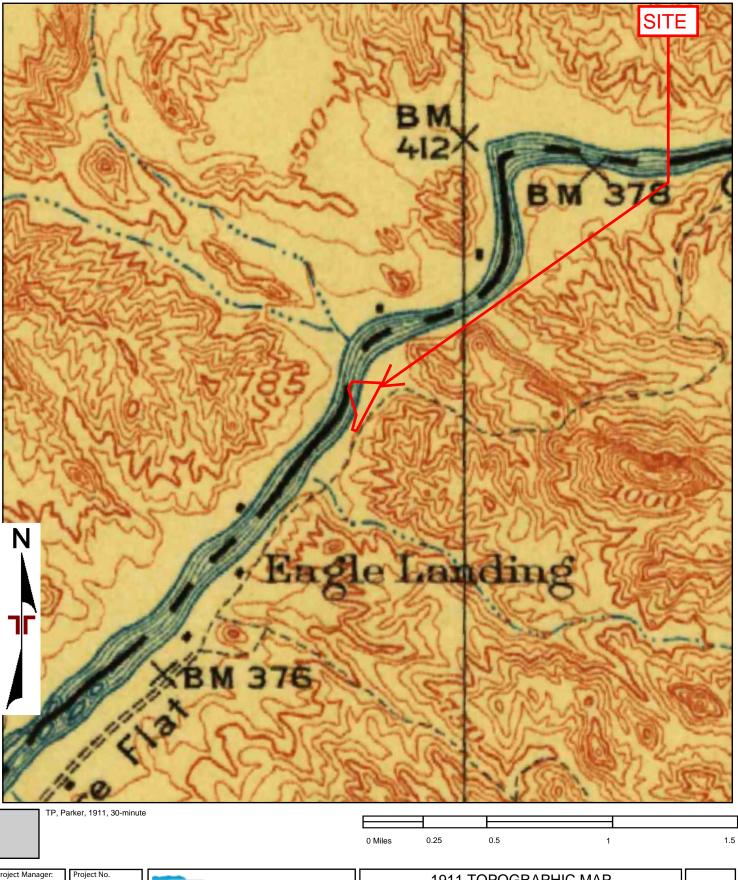












Project Manager:	Project No.		1911 TOPOGRAPHIC MAP	
Drawn by:	Scale:	jerracon		
Checked by:	File Name:			
Approved by:	Date: 1911			

ASLD Sand Bar Resort

6400 Riverside Drive Parker, AZ 85344

Inquiry Number: 7541478.8 January 16, 2024

The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

EDR Aerial Photo Decade Package

Site Name:

Client Name:

01/16/24

ASLD Sand Bar Resort 6400 Riverside Drive Parker, AZ 85344 EDR Inquiry # 7541478.8 Terracon 4685 South Ash Ave Tempe, AZ 85282 Contact: Sophie Mcdonald



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source	
2020	1"=500'	Flight Year: 2020	USDA/NAIP	
2017	1"=500'	Flight Year: 2017	USDA/NAIP	
2014	1"=500'	Flight Year: 2014	USDA/NAIP	
2010	1"=500'	Flight Year: 2010	USDA/NAIP	
2007	1"=500'	Flight Year: 2007	USDA/NAIP	
2002	1"=500'	Flight Date: May 30, 2002	USGS	
1994	1"=500'	Acquisition Date: January 01, 1994	USGS/DOQQ	
1992	1"=500'	Flight Date: September 13, 1992	USGS	
1983	1"=500'	Flight Date: June 29, 1983	USGS	
1980	1"=500'	Flight Date: June 21, 1980	USDA	
1976	1"=500'	Flight Date: May 26, 1976	USGS	
1955	1"=500'	Flight Date: August 29, 1955	USGS	
1953	1"=500'	Flight Date: November 29, 1953	USGS	
1947	1"=500'	Flight Date: October 31, 1947	USGS	

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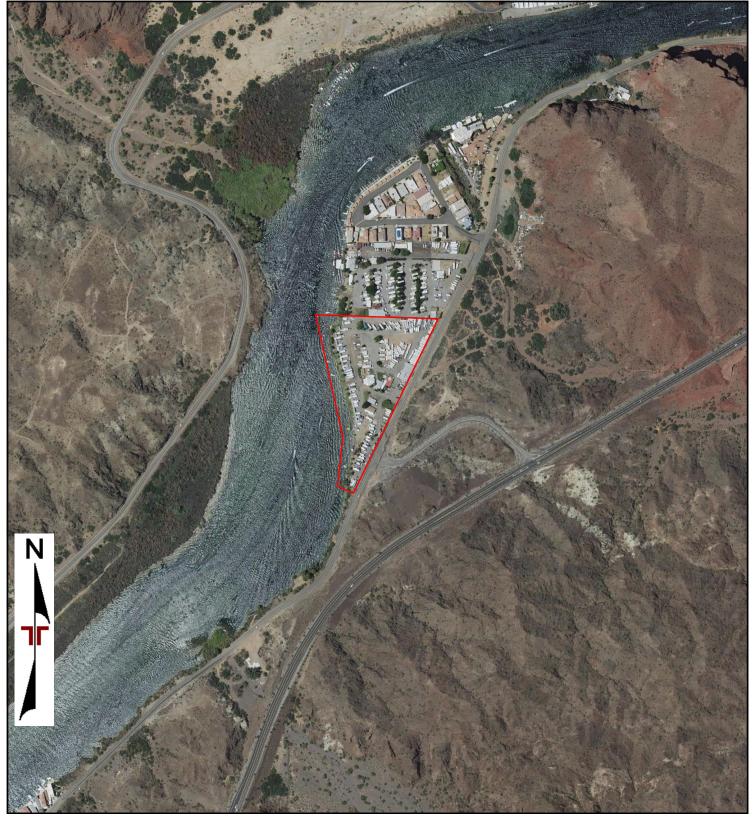




0 Feet 500 1000 2000 Project Manager: RAW 2020 AERIAL PHOTOGRAPH Appendix 65247020 Drawn By: **ASLD Sand Bar Resort** Scale: EDR As Showr Checked By: SMM 6400 Riverside Drive С File Name: 4685 South Ash Ave Tempe, AZ 85282 Parker, AZ 85344 Approved By: NJE Date: 2020



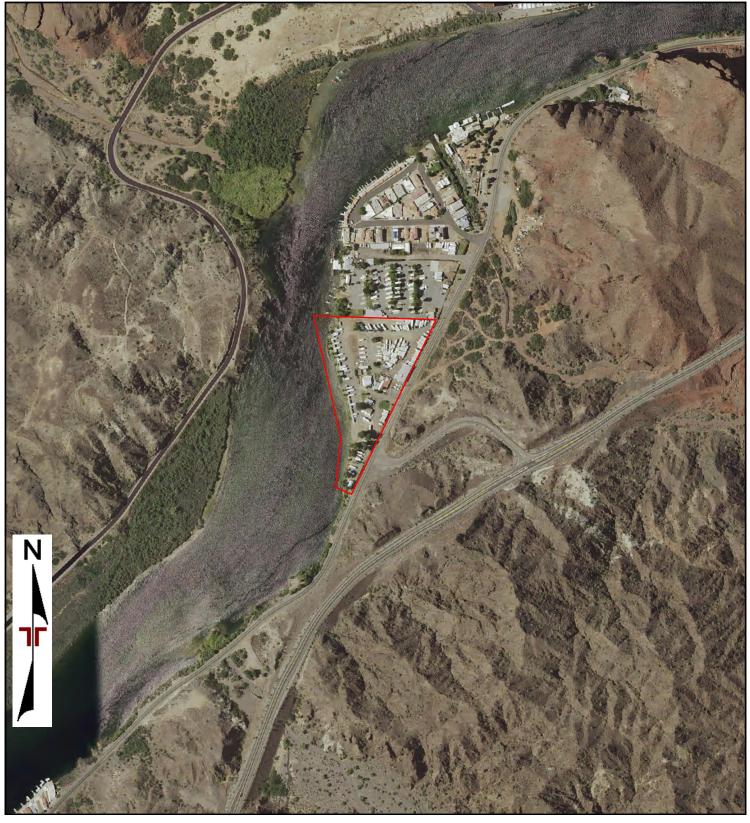




0 Feet 500 1000 2000 Project Manager: RAW 2017 AERIAL PHOTOGRAPH Appendix 65247020 Drawn By: **ASLD Sand Bar Resort** Scale: EDR As Showr Checked By: SMM 6400 Riverside Drive File Name: 4685 South Ash Ave С Tempe, AZ 85282 Parker, AZ 85344 Approved By: NJE Date: 2017

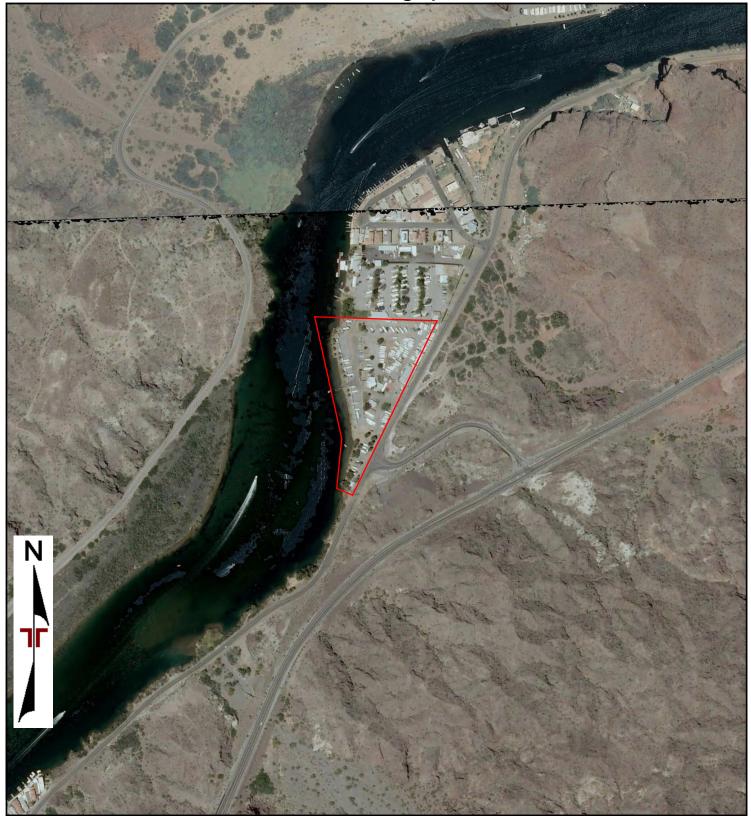






0 Feet 500 1000 2000 Project Manage 2014 AERIAL PHOTOGRAPH Appendix 65247020 Drawn By: ASLD Sand Bar Resort Scale: EDR As Showr Checked By: SMM 6400 Riverside Drive File Name: 4685 South Ash Ave С Tempe, AZ 85282 Parker, AZ 85344 Approved By: NJE Date: 2014





0 Feet 500 1000 2000 Project Manager: RAW 2010 AERIAL PHOTOGRAPH Appendix 65247020 Drawn By: ASLD Sand Bar Resort Scale: EDR As Showr Checked By: SMM 6400 Riverside Drive File Name: 4685 South Ash Ave С Tempe, AZ 85282 Parker, AZ 85344 Approved By: NJE Date: 2010







0 Feet 500 1000 2000 Project Manager: RAW 2007 AERIAL PHOTOGRAPH Appendix 65247020 Drawn By: **ASLD Sand Bar Resort** Scale: EDR As Showr Checked By: SMM 6400 Riverside Drive File Name: 4685 South Ash Ave С Tempe, AZ 85282 Parker, AZ 85344 Approved By: NJE Date: 2007



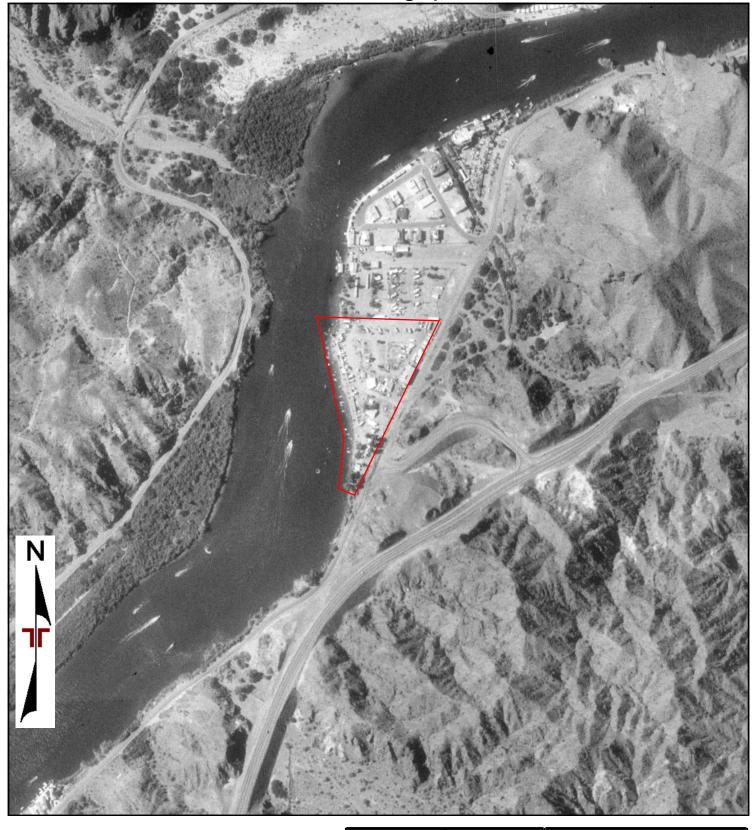


0 Feet 500 1000 2000 Project Manager: RAW 2002 AERIAL PHOTOGRAPH Appendix 65247020 Drawn By: ASLD Sand Bar Resort Scale: EDR As Showr Checked By: SMM 6400 Riverside Drive С File Name: 4685 South Ash Ave Tempe, AZ 85282 Parker, AZ 85344 Approved By: NJE Date: 2002

2002

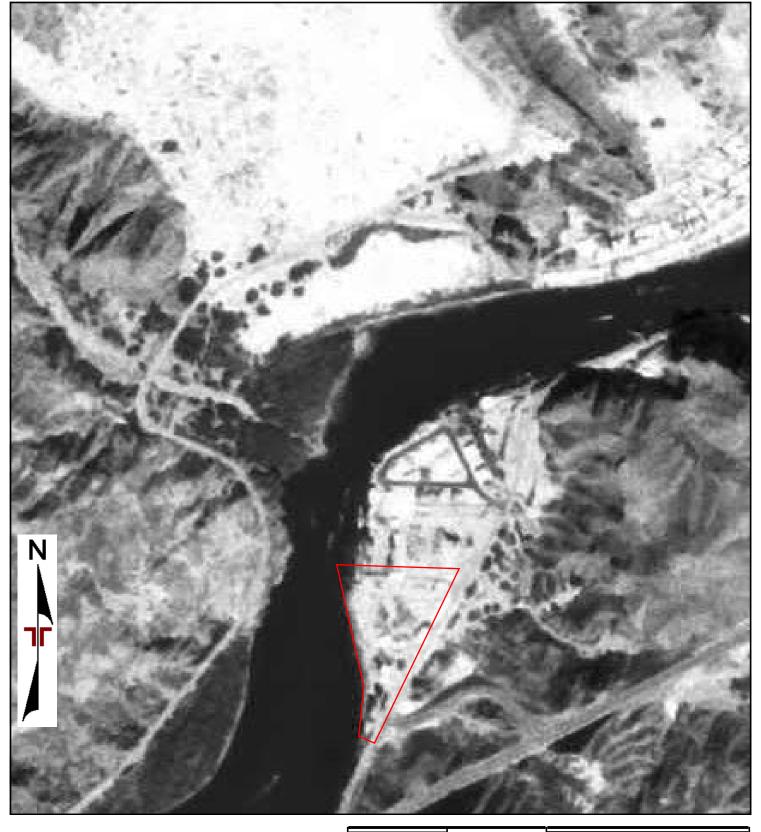


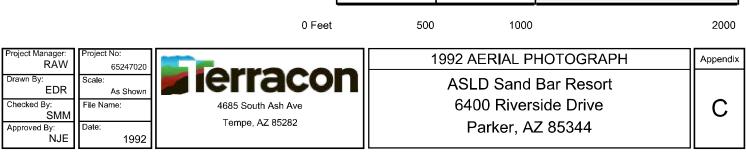




0 Feet 500 1000 2000 Project Manager: RAW 1994 AERIAL PHOTOGRAPH Appendix 65247020 Drawn By: ASLD Sand Bar Resort Scale: EDR As Showr Checked By: SMM 6400 Riverside Drive File Name: 4685 South Ash Ave С Tempe, AZ 85282 Parker, AZ 85344 Approved By: NJE Date: 1994

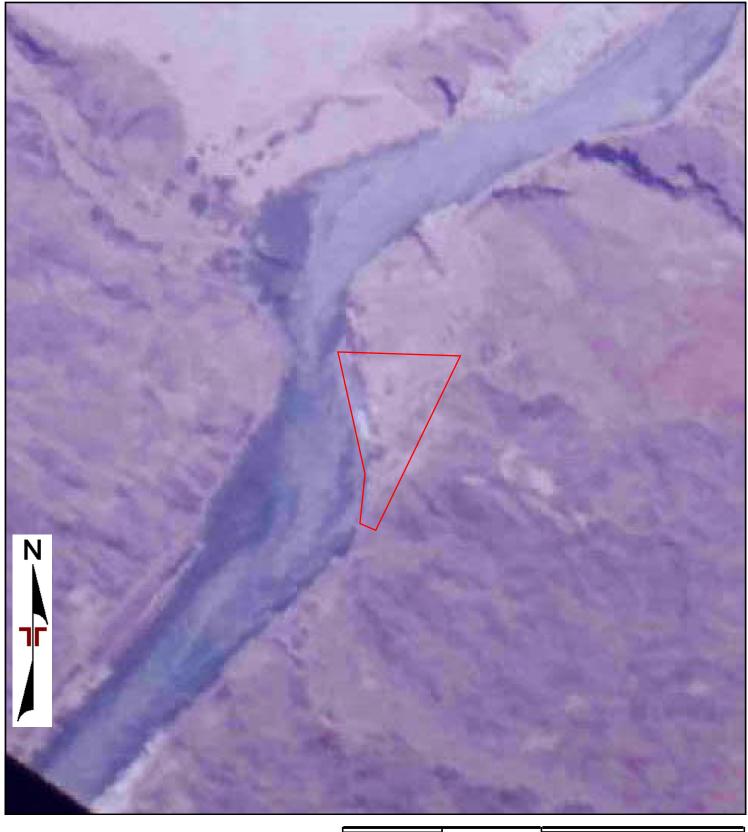






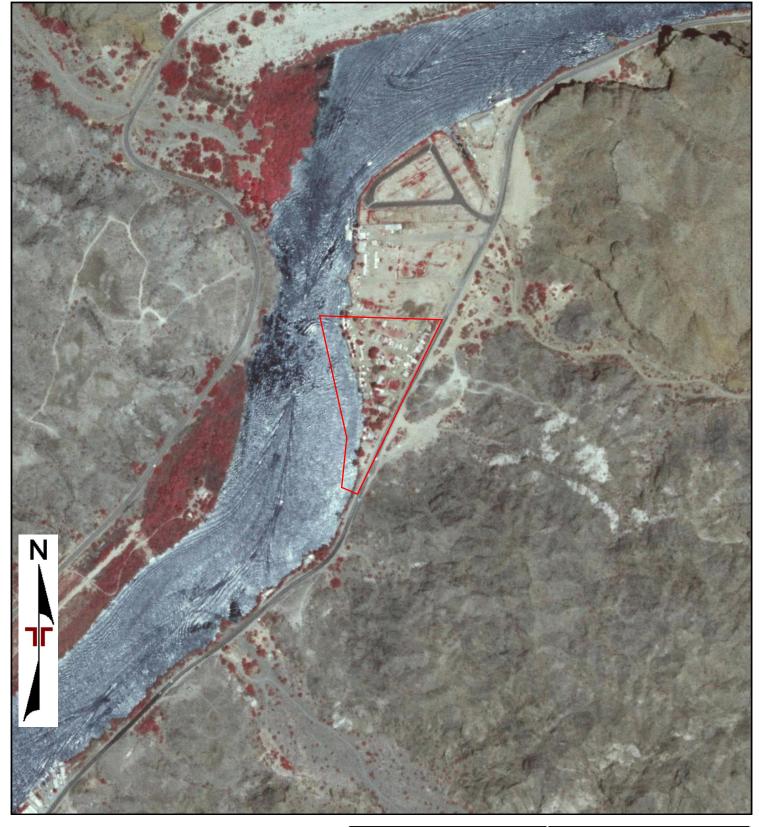


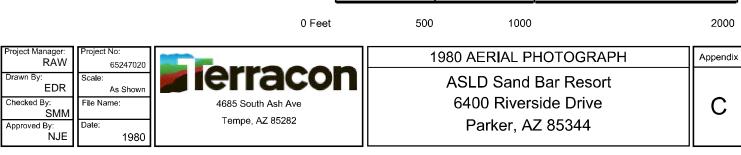




0 Feet 500 1000 2000 Project Manager: RAW 1983 AERIAL PHOTOGRAPH Appendix 65247020 Drawn By: **ASLD Sand Bar Resort** Scale: EDR As Showr Checked By: SMM 6400 Riverside Drive File Name: 4685 South Ash Ave С Tempe, AZ 85282 Parker, AZ 85344 Approved By: NJE Date: 1983

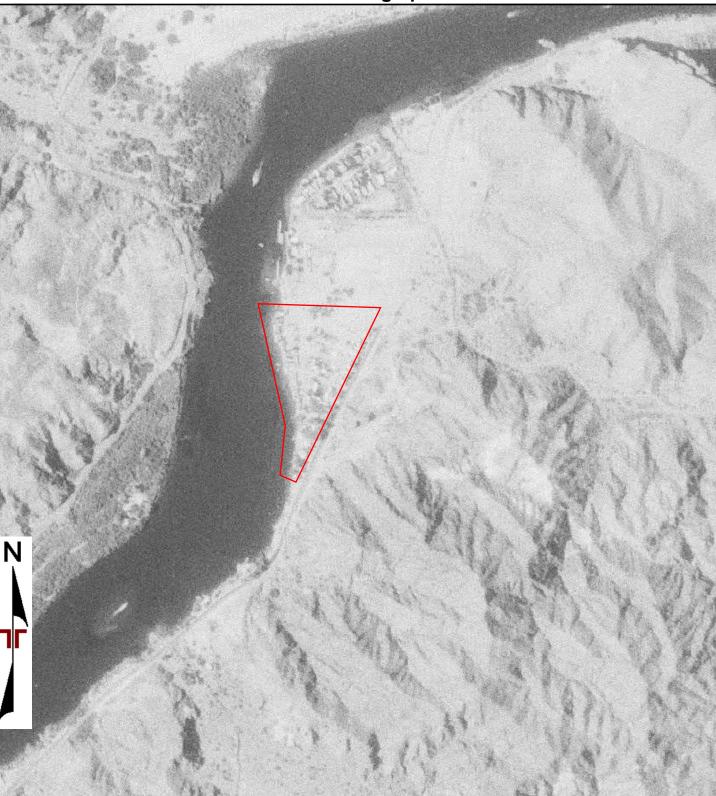






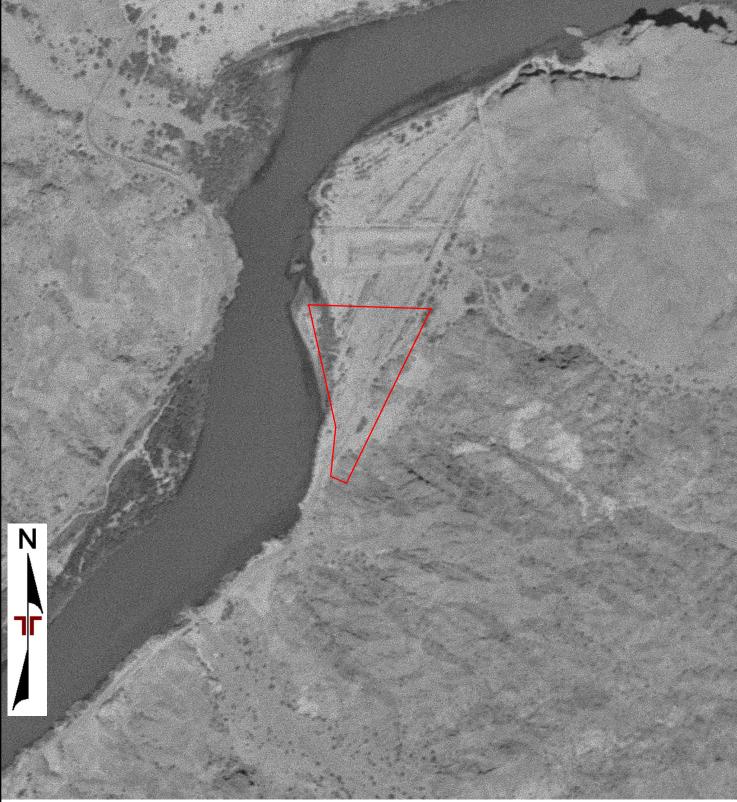
1980





		0 Feet	500	1000	2000
RĂW Drawn By: EDR	oject No: 65247020 ale: As Shown e Name:	Ferracon 4685 South Ash Ave		76 AERIAL PHOTOGRAPH ASLD Sand Bar Resort 6400 Riverside Drive	Appendix C
Approved By: NJE	^{te:} 1976	Tempe, AZ 85282		Parker, AZ 85344	





0 Feet 500 1000 2000 Project Manager: RAW 1955 AERIAL PHOTOGRAPH Appendix 65247020 Drawn By: ASLD Sand Bar Resort Scale: EDR As Showr Checked By: SMM 6400 Riverside Drive File Name: 4685 South Ash Ave С Tempe, AZ 85282 Parker, AZ 85344 Approved By: NJE Date: 1955

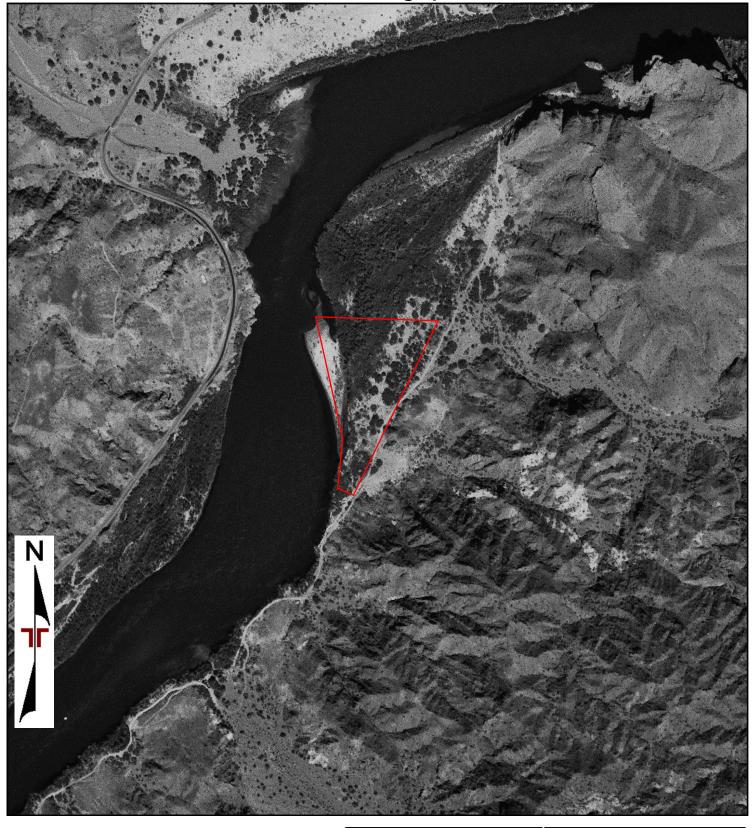




	0 Feet	500	1000	2000
Project Manager: Project No: RAW 65247020 Drawn By: Scale: EDR As Shown Checked By: File Name: SMM Approved By: NJE 1953	4685 South Ash Ave Tempe, AZ 85282	1	953 AERIAL PHOTOGRAI ASLD Sand Bar Resort 6400 Riverside Drive Parker, AZ 85344	







0 Feet 500 1000 2000 Project Manager: RAW 1947 AERIAL PHOTOGRAPH Appendix 65247020 Drawn By: ASLD Sand Bar Resort Scale: EDR As Showr Checked By: SMM 6400 Riverside Drive File Name: 4685 South Ash Ave С Tempe, AZ 85282 Parker, AZ 85344 Approved By: NJE Date: 1947

ASLD Sand Bar Resort 6400 Riverside Drive Parker, AZ 85344

Inquiry Number: 7541478.3 January 16, 2024

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

01/16/24 Certified Sanborn® Map Report Site Name: Client Name: ASLD Sand Bar Resort Terracon 4685 South Ash Ave 6400 Riverside Drive Parker, AZ 85344 Tempe, AZ 85282 EDR Inquiry # 7541478.3 Contact: Sophie Mcdonald

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results: Certification # 350D-48B2-B4EF PO# NA 65247020 Project

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Certification #: 350D-48B2-B4EF

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of	Congress
Library of	Congress

University Publications of America

EDR Private Collection

The Sanborn Library LLC Since 1866™

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McDonald, Sophie M

From:Anna Selby <aselby@lapazcountyaz.org>Sent:Thursday, January 25, 2024 9:20 AMTo:McDonald, Sophie MSubject:New Records Request - 6400 Riverside Drive

Hi Sophie

There are no records for the parcel # listed below.

Thank you,

Anna Selby Community Development 1112 Joshua Ave, Suite 202 Aselby@lapazcoutyaz.org Phone: (928) 669-6138

From: Comdev <comdev@lapazcountyaz.org> Sent: Wednesday, January 24, 2024 2:46 PM To: Anna Selby <aselby@lapazcountyaz.org> Subject: FW: New Records Request - 6400 Riverside Drive

Anna,

Please process the attached Public Record Request. Please let me know if you have any questions.

Thank you, Tiffany

From: McDonald, Sophie M <Sophie.McDonald@terracon.com> Sent: Monday, January 22, 2024 4:53 PM To: Comdev <comdev@lapazcountyaz.org> Subject: New Records Request - 6400 Riverside Drive

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello,

Please see attached the completed public records request form for the property located at 6400 Riverside Drive, in Parker, AZ.

Thank you,

Sophie McDonald Field Scientist I Environmental





Terracon provides environmental, facilities, geotechnical, and materials consulting engineering services delivered with responsiveness, resourcefulness, and reliability.

Private and confidential as detailed here (<u>www.terracon.com/disclaimer</u>). If you cannot access the hyperlink, please e-mail sender.

Get the facts on COVID-19 (https://azdhs.gov/covid19/index.php)



12 Depution of facility of The Management AZ.Gov (https://az.gov/search/google) <u>AZ.Gov (https://dffm.az.gov/fire-marshals-office)</u>

(https://az.gov/)

Public Records Request



Document Information

Non-Commercial Purposes		▼
(required) Form of Documentation		
Electronic Copies (if available)		•
(required) Appointment Request to Review Records in Person		
In Lieu of Copies		•
* (required) Description of Information		
Looking for any records associated with the property located at 6400 Riverside Drive in Parker, AZ.		
		li
Back	Exit	Continue
	Arizona Department of Forestry and F Management	īre
motel wisbarre of the Marie of Artaon	1110 West Washington St #500 Phoenix, AZ 85007	<u>(https://tw</u>

Ombudsman-Citizens Aid

Get the facts on COVID-19 (https://azdhs.gov/covid19/index.php)

AZ.Gov (https://az.gov/search/google) (https://dffm.az.gov/fire-marshals-office) (https://az.gov/)



AZ Department of foreshy : Fire Management

Public Record Request

PRR Number - PRR-000377

Public Record Request Information

Current Status of your Public

Records Request

Last Status Change Date: Jan 22 2024, 04:55:52 PM

SUBMITTED	AWAITING PAYMENT	PAID - UNDER REVIEW	CLOSED
Public Record Req	uest Number:	PRR-000377	
Requester First Na	ime:	Sophie	
Requester Last Na	me:	McDonald	

Details and Usage

Submitted: Your request has been received by DFFM and is open pending administrative review by the Records Manager.

ADEQ eMaps



1/23/2024, 12:19:26 PM Permits - Air / Waste / Water

_			

WASTE WATER PROGRAMS

Esri Community Maps Contributors, California State Parks, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph,

MEGASEARCH

Facility Name	Records Center Database	Water Quality App/Permit/Stormwater	Solid Waste Facilities/Programs
	Drywell	Waste Water Facilities	Surface Water
Unique ID Number	☑ UST/LUST	Water Quality Monitoring	Air Permit Compliance
6400 Riverside Dr	Waste Programs	Revenue Management System	Vehicle Emissions Inspection
City	Hazardous Waste (Accounts)	State Assurance Fund	Superfund Remediation
	Hazardous Waste (Manifests)	Solid Waste	Voluntary Remediation
Zip	Special Waste (Manifests)		

Search Clear

Select / Deselect ALL

Records Center Database Results

No Records found in Records Center Database for your selection.

- Drywell Database Results

No Records found in Drywell Database for your selection.

- Underground Storage/LUST Database Results

No Records found in Underground Storage Database for your selection.

Waste Programs Database Results

No Records found in Waste Programs Database for your selection.

- Hazardous Waste (Accounts) Database Results

No Records found in Hazardous Waste (Accounts)Database for your selection.

Hazardous Waste (Manifests) Database Results

No Records found in Hazardous Waste (Manifests)Database for your selection.

Special Waste (Manifests) Database Results

No Records found in Special Waste (Manifests) Database for your selection.

- Water Quality (Applications) Database Results

No Records found in Water Quality(Applications) Database for your selection.

Water Quality (Permits) Database Results

No Records found in Water Quality(Permits) Database for your selection.

Water Quality (Stormwater) Database Results

No Records found in Water Quality (Stormwater) Database for your selection.

- Waste Water Facilities Database Results

No Records found in Waste Water Facilities Database for your selection.

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- Water Quality Monitoring Database Results
```

No Records found in Water Quality Monitoring Database for your selection.

- Revenue Management System Database Results

No Records found in Revenue Management System Database for your selection.

- State Assurance Fund Database Results

No Records found in State Assurance Fund Database for your selection.

- Solid Waste Database Results

No Records found in Solid Waste Database for your selection.

- Solid Waste Facilites Database Results

No Records found in Solid Waste Facilities Database for your selection.

- Solid Waste Programs Database Results

No Records found in Solid Waste Programs Database for your selection.

- Surface Water Database Results

No Records found in Surface Water Database for your selection.

- Air Permit Compliance Database Results

No Records found in Air Permit Compliance Database for your selection.

- Vehicle Emissions Inspection Database Results

No Records found in Vehicle Emissions Inspection Database for your selection.

- Superfund Remediation Database Results

No Records found in Superfund Remediation Database for your selection.

Voluntary Remediation Database Results

No Records found in Voluntary Remediation Database for your selection.

Submit Records Request

AZ DEPARTMENT OF WATER RESOURCES WELL REGISTRY REPORT - WELLS55

				Well Reg.	No.	
Location	B 10	.0 18.0 6 A B	В	55- 6286		MA NOT WITHIN ANY AMA OR INA
Registe	ered		TATE LAND DEF ADAMS STREE AZ 85007		File Type pplicaton Rec Date	REGISTERED WELL 06/11/1982
Driller	·No.	0			Well Type	NON-EXEMPT
Driller N	ame				SubBasin	LA POSA PLAINS
					Watershed	COLORADO RIVER
Driller Ph					Discharge Method	
	-	LA PAZ				NO POWER CODE LISTED
Parcel					Ided Capacity GPM	
Т	ribe	NOT IN A T	RIBAL ZONE		Contamination Site	NO - NOT IN ANY REMEDIAL ACTION SITE
		Registered	Well Uses			Registered Water Uses
		WATER PR	ODUCTION			RECREATION DOMESTIC IRRIGATION
Well De	epth	32.00		Case Diam	2.00	Tested Cap 43.00
Pump	-	43.00		Case Depth		Pump Comp Rpt N
Draw D	-	0.00		Water Level		Log N
Acres	Irrig	6.20	C	asing Finish	NO CASING CODE	LISTED
Well Add Well Cross					Well City	
Comme	ents	RED ROCK	CAMP GROUND	os.		
Action	Histo	ory				
		855	CHANGE OF W	/ELL LEGAL C	ESCRIPTION	
A	Action	Comment:	OLD LEGAL DE	ESC: B(10.0-18	3.0) 6 000	
1/1/1	961	755	WELL CONSTR		IPLETED	
A	Action	Comment:				

Arizona Department of Water Resources Groundwater Management Support Section P.O. Box 458 • Phoenix, Arizona 85001-0458 (602) 417-2470 • (800) 352-8488 www.water.az.gov	Request to Change Well Information
 Review instructions prior to completing form in black or You <u>must</u> include with your Notice: check or money order for any required fee(s) Authority for fee: A.A.C. R12-15-151(B)(4)(a), A.R.S. § 	DEC - 1 2006 Well REGISTRATION NUMBER
SECTION 1. REGISTRY INFORMATION	and the second
Well Owner FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL	Well LOCATION ADDRESS (IF ANY) B(16-18)10 ABB
MAILING ADDRESS	TOWNSHIP (NS) RANGE (E/W) SECTION 160 ACRE 40 ACRE 10 ACRE ION ISW Image: Comparison of the sector of th
CONTACT PERSON NAME AND TITLE	° ' "N ° ' "W Degrees Minutes Seconds Degrees Minutes Seconds
	COUNTY ASSESSOR'S PARCEL ID NUMBER BOOK
TELEPHONE NUMBER FAX	COUNTY WHERE WELL IS LOCATED
	LaPaz
Type of Request (CHECK ONE)	
Change of Well Drilling Contractor (Fill out Section 2)	
SECTION 2. REQUEST TO CHANGE WELL DRILLING O	CONTRACTOR (\$10 Fee Required)
 If drilling or abandoning a well, the Department must receive drilling firm prior to the commencement of well drilling or aba 	e this request and issue authorization to the new \$10 FEE andonment.
Current Well Drilling Contractor FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL	New Well Drilling Contractor FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL .
DWR LICENSE NUMBER	DWR LICENSE NUMBER ROC LICENSE CATEGORY
TELEPHONE NUMBER FAX	TELEPHONE NUMBER FAX
SECTION 3. STATEMENT OF CHANGE OF WELL OWN	ERSHIP (\$10 Fee Required)
 If this change pertains to more than one well and the names Previous Well Owner 	are the same, only one \$10 fee is required. \$10 FEE New Well Owner
FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL Ked Kock Camp Grounds MAILING ADDRESS	FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL The Sand Dar Resort MAILING ADDRESS
Rt 2 BOX 665	CIO 6400 Riverside Dr.
Parker, HZ 85344 CONTACT PERSON NAME AND TITLE	CONTACT PERSON NAME AND TITLE Donielle Naylor, Manager
TELEPHONE NUMBER FAX	TELEPHONE NUMBER FAX
SECTION 4. CHANGE OF WELL INFORMATION (No Fee NOTE: Applies only to wells that have already been drilled. For p EXPLAIN	e Required) NO FEE proposed wells, an amended Notice of Intent to Drill a Well must be filed.
TYPE OR PRINT NAME AND TITLE	est of my knowledge and belief. SIGNATURE OF WELL OWNER DATE
DWR 55-714 (REVISED 03/20/03) Page 1 of 1 By Donielle Maylor Mang	ser III III IIII

Printed: 7/6/2007 3:34:33 PM

Store 0010 Sale Receipt # 7/6/2007 Page 1

Arizona Department of Water Resources

3550 N Central Ave Phoenix AZ 85012

CHICAGO TITLE INSU	IRANCE		Date: 7/6/2007
			Cashier: WRPAB
2699 E. ANDY DEVINE	EAVE	PO BOX 3599	Type: Mail
KINGMAN,AZ	86401		
928-753-5581			

DCS/INV#	DESCRIPTION		ATTR	SIZE	QTY	PRICE	EXT PRICE
F 78	4439-12	CHANGE OF WELL OWNERSHIP	15238		1	10.00	10.00
				1 Unit(s))	Subtotal:	10.00
					REC	EIPT TOTAL:	10.00
						Tendered:	10.00
C	Check #: 10.00 # 7	756780					

55-628660 55-628658,55-628659

We Appreciate Your Business!

\mathcal{K}	DEPARTMENT OF WATER RES	OURCES		
Ś	99 EAST VIRGINIA AVENUE PHOENIX, ARIZONA 85004			
	Contraction and and and and and and and and and an			
7	REGISTRATION OF EXISTIN	NG WELLS		
\otimes	INSTRUCTIONS ON BACK OF THIS FOR	M BEFORE (IG
	PRINT OR TYPE - FILE IN D			
				0
			OFFICE USE	
	REGISTRATION FEE (CHECK ONE)	REGISTRATION	NO. 53-62	8659_
		FILE NO. <u>BC</u>		6 115P
1	N-EXEMPT WELL - \$10.00	FILED 6-11.	TE) AT	(TIME)
		INA -		
	well 2 of 3	ама 🦯		
1.	Name of Registrant:			
	Red rock Camp Grounds rt. 2 box 665 EXXXX ,	Dankoz	Az.	85344
	(Address) (City)	Parker	AZ. (State)	(Zip)
2.	File and/or Control Number under previous groundwater law	<i>'</i> :		
	0414376 35-			
	(File Number) (Control Number)		i I	
3.	a. The well is located within the%%	¼, Secti	on	
	of Township <u>10 N N/S</u> , Range <u>18</u>	<u>3 W E</u> /	<u>w</u> , g & s	RB & M, in t
	County ofYuma			RB & M, in t
	County ofYuma b. If in a subdivision: Name of subdivision	_•		RB & M, in t
	County ofYuma	_•		RB & M, in t
4.	County ofYuma b. If in a subdivision: Name of subdivision	_•		
4.	County ofYuma b. If in a subdivision: Name of subdivision Lot No, Address	_•		
_	County ofYuma b. If in a subdivision: Name of subdivision Lot No, Address The principal use(s) of water (Examples: irrigation - stoc <u>Municipal, Domestic and Irrigation</u>	 kwater - dom		
4. 5.	County of <u>Yuma</u> b. If in a subdivision: Name of subdivision <u>Lot No.</u> , Address The principal use(s) of water (Examples: irrigation - stoc	 kwater - dom		
_	County ofYuma b. If in a subdivision: Name of subdivision Lot No, Address The principal use(s) of water (Examples: irrigation - stoc Municipal, Domestic and Irrigation If for irrigation use, number of acres irrigated from well Owner of land on which well is located. If same as Item 1	 kwater - dom <u>6.2</u> , check this	estic - muni 	icipal - industri
5.	County ofYuma b. If in a subdivision: Name of subdivision Lot No, Address The principal use(s) of water (Examples: irrigation - stoc Municipal, Domestic and Irrigation If for irrigation use, number of acres irrigated from well Owner of land on which well is located. If same as item 1 United States Department of the Interior Post Office Box 5680	 kwater - dom <u>6.2</u> , check this I , Bureau d	estic - muni box □ of Land M	icipal - industri Management
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URCE	AGENCT		DIV.		ITEM DESCRIPTION	RATE	S AMOUNT	
					Filing fee for Registration of Existing Wells		30,00	
					File #'s B(10-18)6			and a second
						GUESTS	PAYMENT	
	and the second			ting of a		CHK-NO-	1446	
			(TAX	30.00 0.00 30.00	
2 2 2 2 2 2					Baid Check #1446 11-26-82 pb			
		la an			TOTAL	# 4799	H 15:19 30.00	

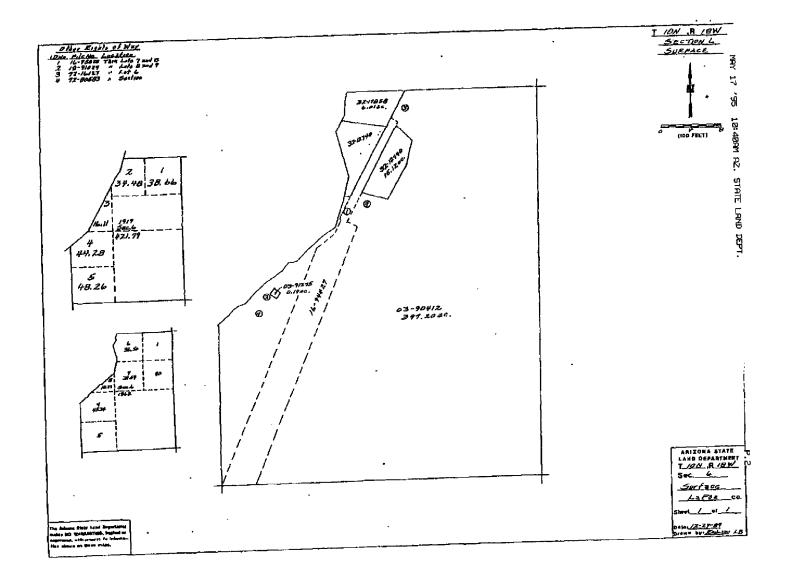
AZ DEPARTMENT OF WATER RESOURCES

WELL REGISTRY REPORT - WELLS55

Location B 10	.0 18.0 6) A [3 В	Well Reg.No 55 - 628659	AMA NOT	T WITHIN ANY AMA OR INA
Name	ARIZONA ŠTA 1616 W ADAN PHOENIX		DEPARTMENT AZ 85007	Application/i	File Type RE ssue Date 06/	GISTERED WELL 11/1982
Driller Nbr	NO DRILLER	SPECIFIE 0.00	ED	SubBas Watersho Water Uso		LAINS D RIVER DN
Well Depth Pump Cap. Draw Down Comments	32.00 43.00 0.00 Red Rock Car	np Groun	Case Water Acre	Diam 2.00 Depth 32.00 Level 0.00 \$ Irrig 6.20	Tested Ca CR Lo Finis	ат —

Current Action

Action History		
	855	CHANGE OF WELL LEGAL DESCRIPTION
1/1/1961	755	WELL CONSTRUCTION COMPLETED



Jane Dee Hull Governor

Michael E. Anable State Land Commissioner Arizona State Land Department



1616 West Adams Street Phoenix, AZ 85007 www.land.state.az.us



December 5, 2001

Arizona Department of Water Resources Groundwater Management Support Section 500 North Third Street Phoenix, AZ 85004

Dear ADWR Staff:

As a result of recent field investigations, the following information is being submitted related to these well registrations:

55-550020 55-628659 55-628660 55-628658

The locations for these well registrations are within Section 6, Township 10 North, Range 18 West, which is State Trust Land. In addition, my field investigation revealed well registration number 55-628658 has a 2 inch casing diameter, and 35 foot casing depth.

If you have any questions, please call me at (602) 542-2672.

Sincerely,

James W

Water Resource Specialist Water Rights and Agriculture Section

G:gpitts\vivian.ltr

AZ DEPARTMENT OF WATER RESOURCES WELL REGISTRY REPORT - WELLS55

Location B 10	0.0 18.0 6 A B B	Well Reg. 55-6286		IA NOT WITHIN ANY AMA OR	INA
Registered	ARIZONA STATE LA 1616 WEST ADAMS PHOENIX A		File Type pplicaton Rec Date	REGISTERED WELL 06/11/1982	
Driller No.	0			NON-EXEMPT	
Driller Name				LA POSA PLAINS	
				COLORADO RIVER	
Driller Phone			Discharge Method		
County Parcel No.	LA PAZ	linte in		NO POWER CODE LISTED	
	NOT IN A TRIBAL Z		ded Capacity GPM Contamination Site	NO - NOT IN ANY REMEDIAL A	CTION SITE
	Registered Well Us WATER PRODUCTI			Registered Water Uses RECREATION DOMESTIC IRRIGATION	
Well Depth	35.00	Case Diam	35.00	Tested Cap 44.0	00
Pump Cap.	44.00	Case Depth	0.00	Pump Comp Rpt N	
Draw Down	0.00	Water Level	0.00	Log N	
Acres Irrig	6.20	Casing Finish	NO CASING CODE	LISTED	
Well Address Well Cross St.			Well City		
Comments	RED ROCK CAMP (GROUNDS.			
Action Histo	ory				
6/30/1957 Action	7 755 WELL (Comment:	CONSTRUCTION CON	IPLETED		

Arizona Department of Water Resources Groundwater Management Support Section P.O. Box 458 • Phoenix, Arizona 85001-0458 (602) 417-2470 • (800) 352-8488 www.water.az.gov	Request to Change Well Information JUL - 6 2007
 Review instructions prior to completing form in black or You <u>must</u> include with your Notice: > check or money order for any required fee(s) Authority for fee: A.A.C. R12-15-151(B)(4)(a), A.R.S. § ** PLEASE PRINT CLEARLY ** 	DEC - 1-2006 WELL REGISTRATION NUMBER
SECTION 1. REGISTRY INFORMATION	
Well Owner FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL	WELL LOCATION ADDRESS (IF ANY) B(10-18)(ABB)
MAILING ADDRESS	TOWNSHIP (NS) RANGE (E/W) SECTION 160 ACRE 40 ACRE 10 ACRE 10 ACRE 10 ACRE 10 ACRE 10 ACRE
	LATITUDE LONGITUDE ° ' 'N ° ' 'W Degrees Minutes Seconds Degrees Minutes Seconds
CONTACT PERSON NAME AND TITLE	COUNTY ASSESSOR'S PARCEL ID NUMBER
TELEPHONE NUMBER FAX	BOOK MAP PARCEL COUNTY WHERE WELL IS LOCATED
	- La Paz
Type of Request (CHECK ONE)	
Change of Well Drilling Contractor (Fill out Section 2) (Fill out Section	
SECTION 2. REQUEST TO CHANGE WELL DRILLING C	ONTRACTOR (\$10 Fee Required)
 If drilling or abandoning a well, the Department must receive t drilling firm prior to the commencement of well drilling or abar 	this request and issue authorization to the new \$10 FEE
Current Well Drilling Contractor FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL	New Well Drilling Contractor FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL
DWR LICENSE NUMBER	DWR LICENSE NUMBER ROC LICENSE CATEGORY
TELEPHONE NUMBER FAX	TELEPHONE NUMBER FAX
SECTION 3. STATEMENT OF CHANGE OF WELL OWNE	RSHIP (\$10 Fee Required)
If this change pertains to more than one well and the names a	
FULD NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL	FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL
Ked Rock Camp Grounds	The Sand Bar Resort
RH 2 BOX 665	C/O 6400 Riverside Dr.
Parker, A2 85344	Parker, AZ 85344
	Donielle Naylor, Manager
SECTION 4. CHANGE OF WELL INFORMATION (No Fee	Required) NO FEE
NOTE: Applies only to wells that have already been drilled. For pr EXPLAIN	roposed wells, an amended Notice of Intent to Drill a Well must be filed.
I HEREBY CERTIFY that the above statements are true to the beauty of the or print name and TITLE	st of my knowledge and belief. SIGNATURE OF WELL OWNER DATE
DWR 55-71A (REVISED 03/20/03) Page 1 of 1 DONIELLE Naylor Manage	-Me Sand bengenent, XXC
	1 total and the

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(002) 417-	epartment of Weter Resources ter Management Support Section 458 - Phoentx, Arizona 85001-0458 2470 - (800) 352-8488	Re	quest	to Chan	ge Well	RECI	EIVE
www.wate	r.az.gov			ED		JUL	6 2007
 Check or mone Authority for fee: A PLEASE PRINT CLEAN 	y order for any required fee(s)	r blua Ink. DEC -	1 200	*****	W	-628	
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NTACT PERSON NAME AND	TITLE	Degrees	Minutan	"N Setonda	Decrear	Moutes	The Second
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Store 0010 Sale Receipt # 7/6/2007 Page 1

Arizona Department of Water Resources

3550 N Central Ave Phoenix AZ 85012

CHICAGO TITLE INSUF	RANCE		Date: 7/6/2007
			Cashier: WRPAB
2699 E. ANDY DEVINE	AVE	PO BOX 3599	Type: Mail
KINGMAN,AZ	86401		
928-753-5581			

DCS/INV#	DESCRIPTION		ATTR	SIZE	QTY	PRICE	EXT PRICE
F 78	4439-12	CHANGE OF WELL OWNERSHIP	15238		1	10.00	10.00
				1 Unit(s)	Subtotal:	10.00
					REC	EIPT TOTAL:	10.00
						Tendered:	10.00
С	heck #: 10.00 # 7	756780					

55-628660 55-628658,55-628659

We Appreciate Your Business!

Governor Mark Winkleman State Land Commissioner

State Land Department



1616 West Adams Street Phoenix, AZ 85007 www.land.state.az.us

ASSIGNMENT DOCUMENT ENCLOSED

Attn: Geraldine Naylor The Sandbar Resort LLC 313 Ave. Santa Barbara, #B San Clemente, CA 92672

18

Date: October 18, 2006

Contract No. 03-105501-99

X

1. Enclosed is the assignment document which verifies that the transfer of the referenced contract has been completed. It is your responsibility to obtain the original contract from the assignor and attach this assignment document to the front of the contract.

If the original contract has been lost, a certified copy may be obtained through our Public Records Section by requesting an Affidavit of Lost Lease at (602) 542-4631.

2. Enclosed is the original contract with an assignment document attached which verifies that the transfer of the referenced contract has been completed.

This is your legal contract and should be kept in a secure place.

STATE LAND DEPARTMENT Title and Contracts Section (602) 542-2513

#3a April 1999 (rev 1/0Serving Arizona's Schools and Public Institutions Since 1915"

November 17, 2006 Time 4:20 pm 2006-7336

WHEN RECORDED MAIL TO:

LA PAZ TITLE

ASSIGNMENT OF COMMERCIAL LEASE

ASSIGNMENT OF COMMERCIAL LEASE

and hereby orders that the lease and all rights therein are hereby assigned and transferred to:

THE SANDBAR RESORT LLC, an Arizona limited liability company

313 Ave. Santa Barbara, B San Clemente, CA 92672

This assignment is made pursuant to application to assign the lease made by ASSIGNOR(S):

RED ROCK CAMPGROUNDS, INC., an Arizona corporation

and pursuant to application for the assumption of said lease made by ASSIGNEE(S):

THE SANDBAR RESORT LLC, an Arizona limited liability company

and in accordance with the laws of the State of Arizona and the rules of the State Land Department.

This assignment is made without waiver or relinquishment of any rights of the State of Arizona which may exist under the lease assigned and does not initiate any new rights to the assignee of this lease other than the rights as are set forth in the existing lease. The assignee(s) hereby assumes and agrees to perform all obligations of the lessee under the lease and accepts the lease subject to all existing terms and conditions.

11

Dated this 18th day of October , 2006.



State of Arizona State Land Commissioner

By Jourda V

Assg Comm'1 #05 - 05/99

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9/2006	
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ARIZONA DEPARTMENT OF WATER RESOURCES WELL REPORT

Run Da	Run Date: 12/19/2006	/2006					ARIZONA DEPARTMENT OF WATER RESOURCES WELL REPORT	OF WATE	R RES	SOURCE	S WELL	REPO	RT				Page:	+
Quad Ic	Quad Town Range Sect Q160 Q40 Q10 Reg No.	le Sect	<u>Q160</u>	Q40	<u>Q10</u>	Reg No.	Registered Full Name & Address	Well Depth	Case Depth	Case Diameter	Water Level	Pump (GPM)	Most Recent Auth. Issued: Drill Issue Lic No Date	ecent ssued: Issue Date	Org. Date	Wtr V	Wtr- shed Lo	Log CRT
A 1 Well Typ	A 13.0 24.0 9 B/M/P: Well Type: NON-EXEMPT	24.0 9 B/M/P: ON-EXEMPT	۲	o	8	55 - 087667	7 BCH TRUST, PO BOX 983 SNOWFLAKE, AZ 85937	315	315	5	160	0	101		04/15/1982 AD		03	
B 1 Well Typ	B 10.0 18.0 6 B/M/P: Well Type: NON-EXEMPT) 6 B/M/P: EXEMPT	۲.	ß	В	55 - 62865{	55 - 628658 ARIZONA STATE LAND DEPARTMENT 1616 WEST ADAMS STREET PHOENIX, AZ 85007	35	0	35	0	44	0		06/30/1957 AD		02	
B 1 Well Typ	B 10.0 18.0 6 B/M/P: Well Type: NON-EXEMPT) 6 B/M/P: EXEMPT	۲.	ß	B	55 - 62865(55 - 628659 ARIZONA STATE LAND DEPARTMENT 1616 WEST ADAMS STREET PHOENIX, AZ 85007	32	32	7	0	43	0		01/01/1961 AD		02	
B 1 Well Typ	B 10.0 18.0 6 B/M/P: Well Type: NON-EXEMPT) 6 B/M/P: EXEMPT	۲.	ß	B	55 - 62866(55 - 628660 ARIZONA STATE LAND DEPARTMENT 1616 WEST ADAMS STREET PHOENIX, AZ 85007	35	35	2	0	43	0		04/01/1962 AD		02	
A 2 Well Typ	A 2.0 3.0 2 B/M/ Well Type: MONITOR	o ä	B A 1 155-28-078A	A 3-078A	4	55 - 209353	55 - 209353 CITY OF PHOENIX OFFICE OF ENVIRONM 200 W WASHINGTON 14TH FLOC PHOENIX, AZ 85003-1611	0NM 100	100	4	0	0	161	11/14/2005		AD	07 X	
A 2 Well Typ	A 2.0 3.0 2 B/M Well Type: MONITOR	o id	B A 155-28-076		A 2	55 - 20935	55 - 209354 CITY OF PHOENIX OFFICE OF ENVIRONM 200 W WASHINGTON 14TH FLOC PHOENIX, AZ 85003-1611	0NM 100	100	4	0	0	161	11/14/2005	11/14/2005 01/11/2006 AD	12.33	07 X	
A 1 Well Typ	A 10.0 21.0 B/ Well Type: EXEMPT	8 W/P:	B A 209-24-010		A 5	55 - 80902(55 - 809026 ROBERT H BURMEISTER 6763 ARIZONA HIGHWAY 260 SHOWLOW, AZ 85901	385	9	10	310	0	0		01/01/1975 AD	and the second	03	
							1	End Of Report	- poort -									

-- End Of Report --

Chicago Title Insurance Company

2699 E. Andy Devine Ave. P.O.Box 3599 • Kingman, AZ 86401 • Ph: (928) 753-5581 • Fax: (928) 753-6321

ARIZONA DEPARTMENT OF WATER RESOURCE: Escrow No. 01030218-010-LAB GROUNDWATER MANAGEMENT SUPPORT P.O. BOX 458 PHOENIX, AZ 85001-0458 Resort 6400 RIVERSIDE DR. PARKER, AZ 85344

Please be advised that the above referenced escrow was closed on 11/22/2006. Enclosed you will find the following funds and/or documents indicated with a \square :

 \checkmark Check in the amount of \$30.00.

✓✓ Three Well Transfer Forms signed in counterpart by buyer and seller

Thank you for the opportunity to serve you in this transaction. Please contact Chicago Title Insurance Company for all of your future title and escrow needs.

Sincerely,

Chicago Title Insurance Company

Laury

Laurie Barthlow Manager (928) 716-8534

ARIZONA DEPARTMENT OF WATER RESOURCES

Notice of Intent Unit P O Box 458 Phoenix, AZ 85001-0458 Telephone (602) 771-8645 • Fax (602) 771-8691

RECEIVED

JUL 6 2007

WATER MGMT



JANET NAPOLITANO Governor

HERB GUENTHER Director

Date: 12/19/06

Information Management Unit cannot process your Request to Change Well Information / Statement of Change of Well Ownership (section 3) due to the following reason(s). We are returning the original submitted information including the check.

J You did not provide the required well registration number.

- You did not submit the required \$10.00 fee.
- The registration number you provided has been cancelled. If the well has been drilled, the owner should contact the agency for more information.
- **J** You did not submit a complete legal description as required.
- The names you submitted do not match our records or show no connection to the submitted registration number. Known previous owners of the property would aid in the research for the correct well.

Thank you.

Toni Bergeman Notice of Intent Unit

The fee required is \$10,00 total. The Wells are on State Land a lease agreement (copy) is required from State Land as State Land is the well owner. \$10,00

FOR DEPARTMENT USE ONLY:

CHECK SUBMITTED BY:

SELLER/BUYER:

CHECK NUMBER:

CHECK AMOUNT:

Chicago Title	
the Sand Bar Resort	
756498	
30, -	

TO: FROM: CHICAGO TITLE INSURANCE COMPANY esources 2701 E. Andy Devine Ave. 126 N. Marina Kingman, Arizona 86401 Prescott, AZ 86301 (520) 753-5581 (520) 778-7800 AZ 85001-0458 Denir 1971 Highway 95 8046 E. Yavapai Bullhead City, Arizona 86430 Prescott Valley, AZ 86314 Rock Camp ground Ked (520) 763-6300 (520) 772-1007 1987 McCulloch 348 S. Main St. Ste 1 Lake Havasu City, Arizona 86403 Camp Verde, AZ 86322 - une 29, 2007 (520) 855-4167 (520) 567-0906 OKay, let's try this again. Enclosed please find a check for \$ 10. - and a copy assignment of state land lease. Please let me know what more you need. P.S. - I'm including a Lauris Barthlow copy of the original lease even though it's huge

	DEPARTMENT OF WATER RESOURCES 99 EAST VIRGINIA AVENUE PHOENIX, ARIZONA 85004
RE	CARAGE REGISTRATION OF EXISTING WELLS
گ	READ INSTRUCTIONS ON BACK OF THIS FORM BEFORE COMPLETING
X	PRINT OR TYPE - FILE IN DUPLICATE
	01
	REGISTRATION FEE (CHECK ONE)
EX	EMPT WELL (NO CHARGE) \Box
NO	N-EXEMPT WELL - \$10.00
	well 1 of 3
I. I	Name of Registrant:
	Red Rock Camp Grounds
	rt. 2 box 665 Daker Park Az. 85344 (Address) (City) (State) (Zip)
2.	File and/or Control Number under previous groundwater law: 0414376 35-
	(File Number) (Control Number)
3.	a. The well is located within the <u>NW ½ NW ½</u> NE ½, Section <u>6</u>
	of Township <u>10 N N/S</u> , Range <u>18 W E/W</u> , G & SRB & M, in
	County of <u>Yuma</u> .
	b. If in a subdivision: Name of subdivision
	· · · · · · · · · · · · · · · · · · ·
	Lot No, Address
	Lot No, Address The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - indust
	Lot No, Address
1.	Lot No, Address The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - indust
1. 5.	Lot No, Address The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - indust <u>Municipal, Domestic and Irrigation</u> If for irrigation use, number of acres irrigated from well6.2
1. 5.	Lot No, Address The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - industr <u>Municipal, Domestic and Irrigation</u> If for irrigation use, number of acres irrigated from well <u>6.2</u> Owner of land on which well is located. If same as Item 1, check this box □
4. 5.	Lot No, Address The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - indust <u>Municipal, Domestic and Irrigation</u> If for irrigation use, number of acres irrigated from well6.2
4. 5.	Lot No, Address The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - indust <u>Municipal, Domestic and Irrigation</u> If for irrigation use, number of acres irrigated from well6.2 Owner of land on which well is located. If same as Item 1, check this box <u>United States Department of the Interior, Bureau of Land Management</u>
1. 5.	Lot No, Address The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - indust Municipal, Domestic and Irrigation If for irrigation use, number of acres irrigated from well6.2 Owner of land on which well is located. If same as Item 1, check this box United States Department of the Interior, Bureau of Land Management Post Office Box 5680 Yuma, Az, 85364 (Address) (City) (State) (Zip) Well data (If data not available, write N/A)
1. 5.	Lot No, Address The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - indust Municipal, Domestic and Irrigation If for irrigation use, number of acres irrigated from well6.2 Owner of land on which well is located. If same as Item 1, check this box United States Department of the Interior, Bureau of Land Management Post Office Box 5680 Yuma, Az, 85364 (Address) (City) (State) (Zip) Well data (If data not available, write N/A) a. Depth of Well 35 feet
1. 5. 3.	Lot No, Address The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - indust Municipal, Domestic and Irrigation If for irrigation use, number of acres irrigated from well6.2 Owner of land on which well is located. If same as Item 1, check this box [] United States Department of the Interior, Bureau of Land Management Post Office Box 5680 Yuma, Az, 85364 (Address) (City) (State) (Zip) Well data (If data not available, write N/A) a. Depth of Well 35 feet b. Diameter of casing sand point inches
1. 5. 7.	Lot No, Address The principal use(s) of water (Examples: irrigation - stockwater - domestic - municipal - indust Municipal, Domestic and Irrigation If for irrigation use, number of acres irrigated from well6.2 Owner of land on which well is located. If same as Item 1, check this box United States Department of the Interior, Bureau of Land Management Post Office Box 5680 Yuma, Az, 85364 (Address) (City) (State) (Zip) Well data (If data not available, write N/A) a. Depth of Well35feet b. Diameter of casing35 feet
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1. 5. 3.	Lot No, Address
1. 5. 7.	Lot No, Address
4. 5. 6.	Lot No, Address

STATE OF ARIZONA DEPARTMENT OF WATER RESOURCES WATER RIGHTS ADMINISTRATION 99 EAST VIRGINIA PHOENIX, ARIZONA 85004

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ACCOUNT NO. INT. FUND AGENCY CHAPTER DIV. ACCT. \$ AMOUNT RATE ITEM DESCRIPTION SOURCE Filing fee for Registration of Existing Wells 30.00 File #'s B(10-18)6 WAITER PAYMENT GUESTS 3 CHK NO 1446 55-1 30.00 TAX 0.00 TOTL 30.00 30.00 GEN . CHEK Baid Check #1446 11-26-82 pb # 4799 8 15:19 \$ TOTAL 30.00

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Red Rock Camp Grounds R Rt 2 Boc 665 Parker AZ 85344

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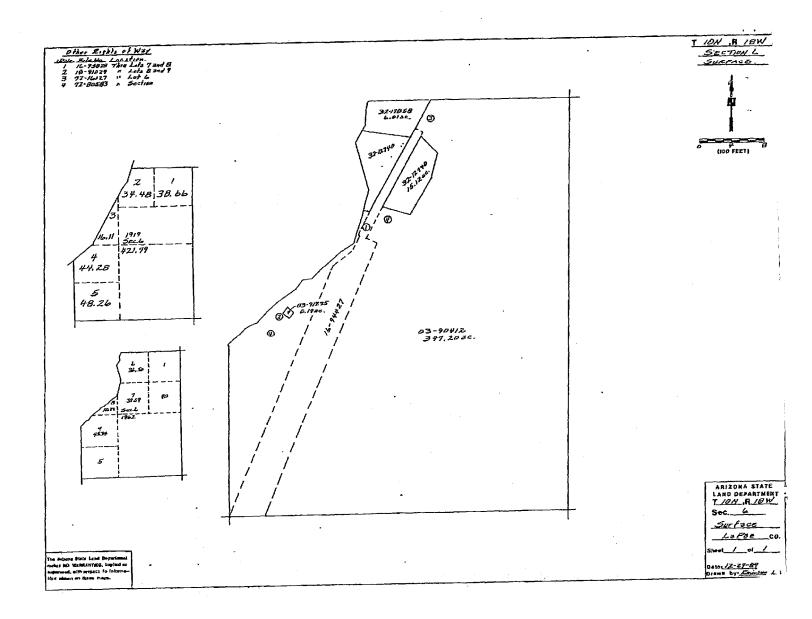
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		PHOENIX, AZ 85004 (602)417-2470	A WELL
1	 3ec	ction § 45-596, A.R.S., provides: a person may not drill, deepen, or modify any well, without first filing a Notice of I	•
ſ	.	IF PARCEL IS 20 ACRES OR LESS, THE APPLICABLE COUNTY OR LOCAL HEALTH AUTHORITY MU	
		IP PARCEL IS 20 ACRES ON LESS, THE APPLICABLE COUNTY ON LICKAL HEALTH AUTHORITY MO IN THE BOX BELOW, BEFORE SUBMITTING TO THE DEPARTMENT OF WATER RES	OURCES
		STATE LAND DEP 166 WADAMSST PHEONIX	AZO LEASE #
		Telephone (O2) O4/ O300 COUNTY ASSERSOR'S PARCEL D INFORMATION:) County: MIRITUCOPA BIO BOOK MAP PARCEL D INFORMATION:)	32-12740 OFFICIAL
		Well/Land Location: W 1/4 1/4 of Section Township 10. N/S Range 18W E/W	SEAL DEPARTMENT OF WR
		Recommend Approval; Insufficient information to make determination; Variance required(Explanation attached), MAY 1 6 1995
		AUTHORIZED SIGNATURE	- OPERATIONS DIV.
1		GENERAL INSTRUCTIONS FOR FILING NOTICE WITH	
	v 2. § 3. F 5. F 6. (1.	KIED KIED KIED KIED Angellowid Township Name DNAL Reflect Name Township Township Mailing Address DMALD Reflect Name Township Mailing Address DMALD Reflect Name Township Mailing Address DMALD Reflect Name Section V2 Pox Gos Daepie Azz Name DMALD Reflect Name V2 Pox Gos Daepie Azz Name DMALD Reflect Name Name Section Name Name Section Name Name Section Name	ce of intention to record the notice AZ 85004. USE BLACK OR BLLE IN existing well in item 2. USE (Legal Description of Land): <u>IUT N/S Bange / E EW</u> <u>IUT N/S Bange / E E</u>
	5.	Depth By City Type of Casing Control of Casing Control of Casing Control of Casing Design Pump Capacity: Disput Big Disput Big	$\frac{121570100}{612} \xrightarrow{A2} \xrightarrow{C} \xrightarrow{C} \xrightarrow{C} \xrightarrow{C} \xrightarrow{C} \xrightarrow{C} \xrightarrow{C} C$
	Ty	DONDYD R. C. M. D. D. C. M. C.	5/17/95

	WHITER KEY	may 12,95	11:50 No.001 P.01
PHOENIX	AZ 85004 (602)417	- 2470	
. NOTICE OF INTENTION	TO DRILL, DEEPTH, HEP	LACE OR MODIFY	AWELL
Section § 45-596, A.R.S., provides: a person may not dri	, deepon, or modify any well, then	out first filing a <u>Notice of</u>	Intention to Drill with the Department
IF PARCEL IS 20 ACRES ON LESS, THE APPLICABLE COUNTY OR LOCAL HEALTH AUTHORITY MUST ENDORSE ALL ITEMS IN THE BOX BELOW, BEFORE SUBMITTING TO THE DEPARTMENT OF WATER RESOURCES.			
Land Owners Name	16142 1 Marin	Crata	E 65394
Tolephone (())-6-67-511 (3	COUNTY AND EDD ONE PARCE, D	HPOMMATION:	
Weil/1 and Location: 1/4 1/4 of Section	BOOK ALS MAP PANON	Rapps / ENV	OFFICIAL SEAL
IDAG GUSE INOSC			
Check one: Recommend Approval; Insufficient Information to make		· · · ·	667-3116
DATE AUTHORIZED SIG	· · · · · · · · · · · · · · · · · · ·		"667-3116 _ 4296
GENERA	L INSTRUCTIONS FOR FILING N		
1. Section § 45-598(D) provides that the Director shall determine that all information required on this form has been submitted. It not, the person filing will be notified, and the drilling, deepening or modification of the web may not proceeder.			
2. Section § 45-596(D), provides that the Department has		mplete and correct not	ice of intention to record the notice
and mall the duplicate to the owner. 3. Fill out this form and site plan in <u>DUPLICATE</u> and ser	d WITH \$10.00 FFE to 500 N. 1	NIRD ST., HOENIX.	AZ 85004. USE BLACK OR BLLE IN
4. For specific instructions, limitations and conditions, set	e the reverse side of this form.	ł	
5. If the well is a replacement, deepening or modification 6 Construction standards for wells, including abandonmi			existing well in Item 2.
1. Owney of well ROLK CAMPOR AND	Antes of Ling of wolland	10 PLACE O	F USE (Legal Description of Land):
Name an ico -	Name	Township	101 NR Range / BW EW
Hallon Address	TIMATION L CUT IN	CLA Section	(co 1/41/41/41/4
122 Box 665 TACKER AZ	KZ BOX 665 PARKLA	<u>18534</u> 11 Type of w	ell Exempt // Non-Exempt
Telephone: 637 667 2116	elephone: 662 6(-1) 31	16	Residential Commercial
2 Action requested: Drill New Well	Principal use of water for spacific)		canad wallshe within 100 loop of a septic lank winge disposal area, lantili), hatardone waste
For a replacement well provide: Maximum		facility, ste	rega area of hazardous materials or potroloum
capacity of the original well	Diner una el water (be sherite)		was and works? YES NO
Well Region relien No. 55 C. 26365E	I use inclusion impedien, starting in	13. DAILLIN	$f_{1} + f_{\infty} + f_{\infty}$
3 Construction will start about 028 65 0 9 Month 11/1/2012 Year 135	na number of action to the infinited	LALLS FINT HAM	AYS DERCHAK
4 DESCRIPTION OF PROPOSED WELL:			150x 130
Diemnier 22/ Inches Dopthrei	DO NOT WRITE IN TES SPACE OFFICE FED 171 No NoBy		DISTURE AZ STA
Type of Casulo <u>r Andrew</u> B Design Pump Capacity.	Pried Dy nput	DWA Lio	233
gallens per minute	Regiversion for	ADO Lia	Ince Classification
		C. H	53 A-4
- DANINO K CARROL de	Sandd & Cu	(1) L-	5/12/95
Typed or Printed Nime of Owner or Lusses Bignet	ure [] Earld Damer]	er of Wellahe	DATE /
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FAX 602 2001	+1/-2 4/	1711/N	A IVIIKE LACL .
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وتبوجها المراجزة ويبود الموجود والرامين الرابيين Arizona 🕓 State Land Bepartment 1018 WEST ADAMS PHOENIX, ARIZONA 85007 M.J. HASSELL STATE LAND COMMISSIONER FIFE SYMINGTON GOVERNOR ٩. _____ FACSIMILE COVER PAGE فحدهم ومحدود مبوجه وحدد وطفحه DATE: Sal TO: tanov FROM: Re. Koc 506 SUBJECT: NUMBER OF PAGES INCLUDING COVER: ANY QUESTIONS, PLEASE CONTACT ME AT: 542-2669 FAX NUMBER: (602) 542-4668 our requere attached **REMARKS:** - depi 'nt 81 Than. thia

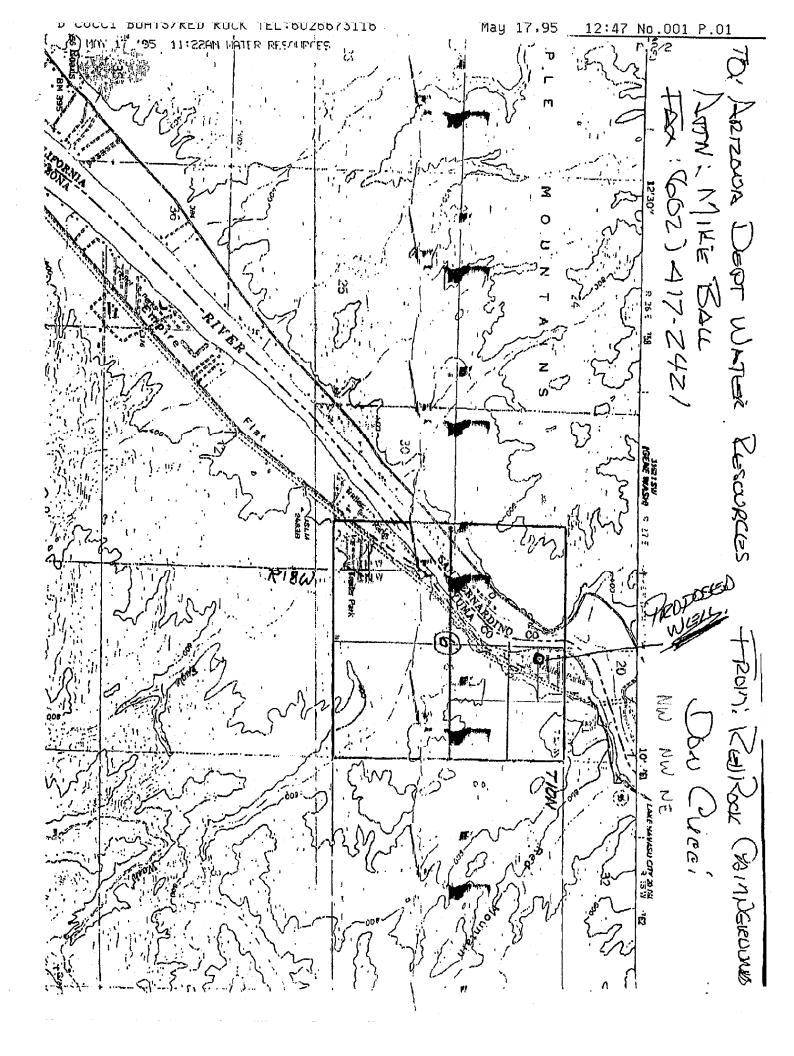
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	****	TRANSMISSION RE	SULT REPORT	17 '95	11:23AM)
			WATER RESOURCES		
***************	****			*********	(AUTO)
• •	THE FOLLOWING FILE(S) ERA	SED			
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•••	ARIZON	A DEPA 500 Nor	RTMENT (th 3rd Street, Ph Telephone (602 Fax (602) 4	OF WATER RI ocnix, Arizona 85004 2) 417-2400 17-2401	ESOURCES	
	DATE:		5/17/95			FUTE SYMINGTON Governor
· ·	то:	1	Don Gue	201		RITA P. PEARSON Director
•	4 • · · · · · · · · · · · · · · · · · ·	F	ReaRoci	Campino T.	- <u>-</u> .c.	
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	FROM:	N	LIKE BAL	د		

ERRORS



AZ DEPARTMENT OF WATER RESOURCES

WELL REGISTRY REPORT - WELLS55

Location B 10	.0 18.	0	6	AB	8		Well Reg.No 55 - 628658		AMA NOT V	WITHIN ANY AMA OR INA
Name	ARIZÓN 1616 W			LAND	DEPA	RTMENT		Fi Application/lss		STERED WELL /1982
	PHOEN	IX			AZ	85007				
Owner Driller Nbr Driller Name Driller Phone County Intended Caj	NO DRI	LLER	SPE		D		D	SubBasin Watershed Water Uses	NON-EXEMP LA POSA PLA COLORADO F RECREATION WATER PROF NONE	NNS RIVER N
								Power	NO POWER C	CODE LISTED
Well Depth Pump Cap. Draw Down	4	35.00 14.00 0.00				Case I Case D Water L Acres	epth .evel	5.00 0.00 0.00 6.20	Tested Cap CRT Log Finish	

Comments Red Rock Camp Grounds.

Current Action

Action History

6/30/1957 755 WELL CONSTRUCTION COMPLETED

Jane Dee Hull Governor

Michael E. Anable State Land Commissioner Arizona State Land Department



1616 West Adams Street Phoenix, AZ 85007 www.land.state.az.us



December 5, 2001

Arizona Department of Water Resources Groundwater Management Support Section 500 North Third Street Phoenix, AZ 85004

Dear ADWR Staff:

As a result of recent field investigations, the following information is being submitted related to these well registrations:

55-550020 55-628659 55-628660 55-628658

The locations for these well registrations are within Section 6, Township 10 North, Range 18 West, which is State Trust Land. In addition, my field investigation revealed well registration number 55-628658 has a 2 inch casing diameter, and 35 foot casing depth.

If you have any questions, please call me at (602) 542-2672.

Sincerely,

icard James W.

Water Resource Specialist Water Rights and Agriculture Section

Gigpitts\vivian.ltr

AZ DEPARTMENT OF WATER RESOURCES WELL REGISTRY REPORT - WELLS55

				Well Reg.	No.	
Location	B 10	0.0 18.0 6 A E	B	55- 6286	60 AI	A NOT WITHIN ANY AMA OR INA
Regist	ered		TATE LAND DEP ADAMS STREET AZ 85007		File Type pplicaton Rec Date	REGISTERED WELL 06/11/1982
Drille	r No.	0			Well Type	NON-EXEMPT
Driller N	lame				SubBasin	LA POSA PLAINS
					Watershed	COLORADO RIVER
Driller Pl					Discharge Method	
	-	LA PAZ				NO POWER CODE LISTED
Parce					Ided Capacity GPM	
٦	Fribe	NOT IN A T	RIBAL ZONE		Contamination Site	NO - NOT IN ANY REMEDIAL ACTION SITE
		Registered	Woll Lisos			Registered Water Uses
		WATER PR	ODUCTION			RECREATION DOMESTIC IRRIGATION
Well D	epth	35.00		Case Diam	2.00	Tested Cap 43.00
Pump	-	43.00		Case Depth		Pump Comp Rpt N
Draw D	-	0.00		Water Level	0.00	Log N
Acres	Irrig	6.20	Ca	asing Finish	NO CASING CODE	LISTED
Well Add Well Cros					Well City	
Comm	ents					
Action	Histo	ory				
		855	CHANGE OF WE		ESCRIPTION	
/	Action	Comment:	OLD LEGAL DES	SC: B(10.0-18	3.0) 6 000	
4/1/	1962	755	WELL CONSTRU		//PLETED	
	Action	Comment:				

Arisona Department of Mater Resources Provide Management Support Section P.O. Box 459 - Phoenix, Arizona (5501-04-58 Well Variantian) P.O. Box 459 - Phoenix, Arizona (5501-04-58 Well Variantian) P.O. Box 459 - Phoenix, Arizona (5501-04-58 Well Variantian) P.O. Box 459 - Phoenix, Arizona (5501-04-58 Well Variantian) You must include with your Action You must include with your Action You move order for any required fee(s) You move order for any required fee(s) Pressee Phone You Clean (12-15-151(B)(4)(a), AR.S. § 45-113(B) Well Overner You Bust include with your Action You Bust include with action You Bust include You Bust include with action You Bust incl				<i>;</i>	
	Groundwater Man P.O. Box 458 • P (602) 417-2470 •	nagement Support Section hoenix, Arizona 85001-0458 (800) 352-8488	Request to	Change Well	
Well GOWNER Excertion of Well Well GOATION ADRESS WELL OWNERSHIP (STOLESS WELL OWNERS HUMBER MALNO ADGRESS TOWERS PROTECTION TOWERS WELL OWNERSHIP (STOLESS WELL OWNERSHIP (STOLESS WINDOW) TOWERS WELL OWNERSHIP (STOLESS WINDOW) ONTACT PERSON NAME AND TITLE CONTACT PERSON NAME AND TITLE Towers well well well well well well well wel	 You <u>must</u> include with you check or money orde Authority for fee: A.A.C. 	ur Notice: r for any required fee(s)	DE D - 1 (20)		SUS-18 LO ABB
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Arizona Department of Water Resources

3550 N Central Ave Phoenix AZ 85012

CHICAGO TITLE INSURANCE	Ē		Date: 7/6/2007
			Cashier: WRPAB
2699 E. ANDY DEVINE AVE		PO BOX 3599	Type: Mail
KINGMAN,AZ	86401		
928-753-5581			

DCS/INV#	DESCRIPTION		ATTR	SIZE	QTY	PRICE	EXT PRICE
F 78	4439-12	CHANGE OF WELL OWNERSHIP	15238		1	10.00	10.00
				1 Unit(s))	Subtotal:	10.00
					REC	EIPT TOTAL:	10.00
						Tendered:	10.00
С	Check #: 10.00 # 7	756780					

55-628660 55-628658,55-628659

We Appreciate Your Business!

,	DEPARTMENT OF WATER RESO 99 EAST VIRGINIA AVENUE PHOENIX, ARIZONA 85004	ORCES	630.5678
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	REGISTRATION OF EXISTING	G WELLS	ALL REAL PROPERTY IN THE REAL PROPERTY INTO THE REAL PROP
	READ INSTRUCTIONS ON BACK OF THIS FORM	BEFORE COMPL	ETING E
	PRINT OR TYPE - FILE IN DU	PLICATE	NELECTION CONTRACTOR
	-:		
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E)	(EMPT WELL (NO CHARGE)	E NO. D C/O.	1158
	DN-EXEMPT WELL – \$10.00 🕱	ED 6-11-82	AT(TIME)
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	well 3 of 3		
Ι.	Name of Registrant:		
	Red Rock Camp Grounds		
	rt. 2 box 665 Parker, (Address) (City)	Az.	85344 (Zip)
		(State)	(2)p/
2.	File and/or Control Number under previous groundwater law:		
	0414376 35- (File Number) (Control Number)		
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3.	a. The well is located within the%%%		
	of Township <u>10 N N/S</u> , Range <u>18 W</u>	<u> </u>	& SRB & IVI, IN
	County of <u>Yuma</u> .		
	b. If in a subdivision: Name of subdivision		
4.	b. If in a subdivision: Name of subdivision Lot No, Address		
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5.	b. If in a subdivision: Name of subdivision Lot No, Address The principal use(s) of water (Examples: irrigation - stockw Municipal, Domestic and Irrigati If for irrigation use, number of acres irrigated from well Owner of land on which well is located. If same as Item 1, United States Department of the Interior, Post Office Box 5680 Yuma, (Address) (City) Well data (If data not available, write N/A) a. Depth of Well 35 b. Diameter of casing sand_point_2" c. Depth of casing 35 d. Type of casing sand_point_2" e. Maximum pump capacity 43 f. Depth to water N/A g. Date well completed (Day) (Year	vater - domestic - on 6.2 check this box Bureau of Lar Az. (State) feet inches feet gallons per mini- feet below land	municipal - industr nd Management 85364 (Zip) ute.
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INSTRUCTIONS FOR COMPLETING REGISTRATION FORM

General Instructions

- 1. A person who owns an "Existing Well" shall register the well, pursuant to A.R.S. 45-593, by filing this form in <u>duplicate</u> with the Department of Water Resources not later than midnight June 14, 1982. The form must be completed and signed. Failure to do so will constitute a violation of A.R.S. 45-593, and may subject the well owner to injunction and/or civil penalties, pursuant to A.R.S. Title 45, Article 12.
- 2. An "Existing Well" means, (1) a well which was drilled on or before June 12, 1980 and which is not abandoned or sealed, or (2) a well which was not completed on or before June 12, 1980, but for which a Notice of Intention to Drill was on file with the Arizona Water Commission on or before June 12, 1980.
- 3. No registration fee is required for Exempt Wells. A \$10.00 registration fee must accompany registration forms for all Non-Exempt Wells.
- 4. An "Exempt Well" means a well having a pump with a maximum capacity of not more than 35 gallons per minute which is used to withdraw groundwater. An Exempt Well may include the non-commercial irrigation of not more than 1 acre of land.
- 5. A "Non-Exempt Well" means a well that is not an "Exempt Well".

INSTRUCTIONS FOR REGISTRATION QUESTIONS

- The Registrant must be the owner of the well and may be an individual, public or private corporation, company, partnership, firm, association, society, estate, trust, any other private organization or enterprise, the United States, any state, territory or country or a governmental entity, political subdivision or municipal corporation organized under or subject to the constitution and laws of this State.
- If you own an existing irrigation well drilled at any time, or any other type of well drilled on or after June 20, 1968, you should have an assigned control and/or file number. Write these numbers in item 2. If you do not know the number, please explain the reason on the form or on an attached sheet.
- 3. a. Fill in the Section, Township and Range in all cases if it is available.
 - b. If the well is in a subdivision and you have this information, give the subdivision name, Lot Number, and Address.
- 4. Show all purposes for which the water is used.

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- 5. If the well is used for irrigation, give the number of acres irrigated in 1980 from the well.
- 6. If the owner of the land is an individual, give the last name, first name, middle initial. If the owner of the land is a corporation, partnership, firm, etc., fill in the appropriate title.
- 7. Complete the section on Well Data with the most accurate information available to you. If the data is not available, write N/A in the blanks.
- 8. Give the legal description of the place of use of the water. If place of use is in a subdivision and legal description is not available, give the subdivision name, Lot Number and/or address on the blank line.
- 9. The person in whose name a well is registered shall notify the Department of any change in ownership and shall keep all information on the registration record current and accurate. A form entitled "Change of Well Information/Ownership" is available for this purpose. A blank form will be furnished with the returned duplicate copy of the registration form.

Red Rock Camp Grounds R Rt 2 Eoc 665 Parker AZ 85344				565	nds DEPARTMENT OF V WATER RIGHTS A 99 EAST PHOENIX, AR	VATER RESOURCES Administration Virginia
						KIND ENTRY FILE REFERENCE NO. 55 - 628658 THRU
FUND	ACCOU	NT NO.	DIV.	INT. ACCT.	ITEM DESCRIPTION	55 + 628660
			41 A		Filing fee for Registration of Existing Wells	
					File #'s B(10-18)6	
						NAITER PAYMENT CUESTS 3
				na canada da cina da Canada da cina da Canada da cina da cina Canada da cina d		CHK N0 1446 55-1 30.00
¥						TAX 0.00 TOTL 30.00 GEN.CHEK 30.00
Uranophie Sector					Bald Check #1446 11-26-82 pb	SETT-LIEA 30.00
					TOTAL	<u>¥ 4799 н 15:19</u> 30.00

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 $\sum_{\substack{i=1,\dots,n\\ i=1,\dots,n}} \frac{1}{i} \sum_{j=1}^{n} \frac{1}{i} \sum_{j=1}^{n}$

and a g

AZ DEPARTMENT OF WATER RESOURCES

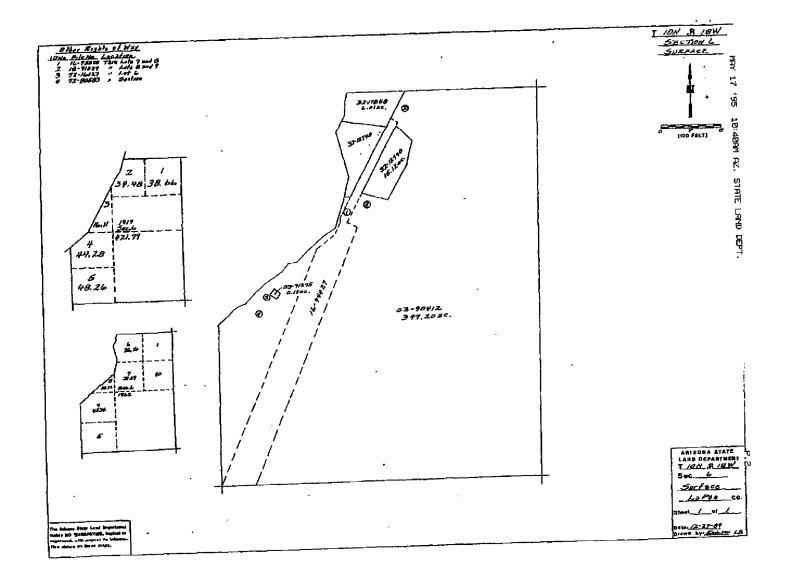
WELL REGISTRY REPORT - WELLS55

Location B 10	.0 18.0 6	A	ΒВ		Well Reg.No 55 - 628660	AMA NOT V	WITHIN ANY AMA OR INA
Name	ARIZONA STA 1616 W ADAM PHOENIX			ARTMENT	Fi Application/Iss	• •	STERED WELL /1982
Driller Nbr	NO DRILLER	SPECIF 0.00	IED		SubBasin Watershed Water Uses Well Uses Discharge Method	NON-EXEMP LA POSA PLA COLORADO A RECREATION WATER PROI NONE NO POWER C	NINS RIVER N DUCTION
Well Depth Pump Cap. Draw Down	35.00 43.00 0.00 Red Rock Can			Case D Case De Water L Acres I	epth 35.00 evel 0.00	Tested Cap CRT Log Finish	43.00 NO CASING CODE LISTED

Red Rook Gamp Croc

Current Action

Action History		
	855	CHANGE OF WELL LEGAL DESCRIPTION
4/1/1962	755	WELL CONSTRUCTION COMPLETED

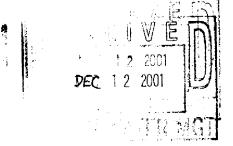


Jane Dee Hull Governor

Michael E. Anable State Land Commissioner Arizona State Land Department



1616 West Adams Street Phoenix, AZ 85007 www.land.state.az.us



December 5, 2001

Arizona Department of Water Resources Groundwater Management Support Section 500 North Third Street Phoenix, AZ 85004

Dear ADWR Staff:

As a result of recent field investigations, the following information is being submitted related to these well registrations:

55-550020 55-628659 55-628660 55-628658

The locations for these well registrations are within Section 6, Township 10 North, Range 18 West, which is State Trust Land. In addition, my field investigation revealed well registration number 55-628658 has a 2 inch casing diameter, and 35 foot casing depth.

If you have any questions, please call me at (602) 542-2672.

Sincerely,

eard James W.

Water Resource Specialist Water Rights and Agriculture Section

G:gpitts\vivian.ltr

AZ DEPARTMENT OF WATER RESOURCES WELL REGISTRY REPORT - WELLS55

		Well Reg. I 55-55002					
Location B 10).0 18.0 6 A B B	55- 55002		MA NOT WITHIN ANY AMA OR INA			
Registered	ARIZONA STATI 1616 WEST ADA PHOENIX	E LAND DEPARTMENT MS STREET Ap AZ 85007	File Type plicaton Rec Date	NEW WELLS (INTENTS OR APPLICATIONS) 06/06/1995			
Driller No.	283		Well Type	EXEMPT			
Driller Name	WAY'S DRILLIN	G, INC.	SubBasin	LA POSA PLAINS			
			Watershed	COLORADO RIVER			
Driller Phone	602-397-3745		Discharge Method	BUCKET - BARREL - STOPWATCH			
County	LA PAZ		Power	ELECTRIC MOTOR 1 - 5 HP			
Parcel No.		Intend	led Capacity GPM	25.00			
Tribe	NOT IN A TRIBA	L ZONE C	ontamination Site	NO - NOT IN ANY REMEDIAL ACTION SITE			
	Registered Well	Uses		Registered Water Uses			
	WATER PRODU	CTION		DOMESTIC			
Well Depth	78.00	Case Diam	7.00	Tested Cap 30.00			
Pump Cap.	30.00	Case Depth	68.00	Pump Comp Rpt Y			
Draw Down	24.00	Water Level	14.00	Log Y			
Acres Irrig	0.00	Casing Finish	STEEL - PERFORA	ATED OR SLOTTED CASING			
Well Address Well Cross St.			Well City				
Comments	REPLACED-628	658					
Action Histo	ory						
5/23/1995	5 755 WE	LL CONSTRUCTION COM	PLETED				
Action Comment:							
5/23/1995	5 805 PU	MP INSTALLATION COMPI	LETION REPORT R	RECEIVED/ENTERED			
Action	n Comment:						
5/23/1995	5 750 WE	LL DRILLER REPORT AND	WELL LOG RECE	IVED/ENTERED			
Action	n Comment:						

PHOENIX, AZ 85004 (602)417-2470

NOTICE OF INTENTION TO DRILL, DEEPEN, REPLACE OR MODIFY A WELL

Section § 45-596, A.R.S., provides: a person may not drill, deepen, or modify any well, without first filing a Notice of Intention to Drill with the Department.

IF PARCEL IS 20 ACRES OR LESS, THE APPLICABLE COUNTY OR LOCAL HEALTH AUTHORITY MUST In the Box Below, before submitting to the department of water resou	
LEND DATE LAND DEP Kolo WADAMSST PHIEONIX,	AZ 85007 #
Tetaphone (02) 547.3500 COUNTY ASSESSOR'S PARCEL D INFORMATION: County: MAR/OPA 310.15.000 00000 Well/Land Location: No.el Access of Parcel No.el Access of Parcel Well/Land Location: N14. NE 1/4 of Section County N/8 Range	ASLD 12740 32-12740 OFFICIAL SEAL
	DEPARTMENT OF WR
Recommend Approval ; Insufficient information to make determination ; Variance required (Explanation attached). DATE AUTHORIZED SIGNATURE	MAY 1 6 1995
DATEAUTHORIZED SIGNATURE	OPERATIONS DIV.

GENERAL INSTRUCTIONS FOR FILING NOTICE WITH

- 1. Section § 45-596(D) provides that the Director shall determine that all information required on this form has been submitted. If not, the person filing will be notified, and the drilling, deepening or modification of the well may not proceed.
- 2. Section § 45-596(D), provides that the Department has 15 days after the receipt of a complete and correct notice of intention to record the notice and mail the duplicate to the owner.
- 3. Fill out this form and site plan in DUPLICATE and send WITH \$10.00 FEE to 500 N. THIRD ST., FICENIX, AZ 85004. USE BLACK OR BLIE IN
- 4. For specific instructions, limitations and conditions, see the reverse side of this form.
- 5. If the well is a replacement, deepening or modification of an existing well, provide the registration number of the existing well in item 2.
- Construction standards for yells, including abandonment, shall be in accordance with Department Rules.

\$

TISTG LOND Owner of well Name Mailing Aticics bound State 85344 Źр Telephone:

÷ 2 Action requested: Drill New Wel Deepen Replace Modify For a replacement well provide: Maximum capacity of the original well gallons per minute; distance from the original well 15 feet. Well Registration No. 55- 💪 <u>3655</u>

1

- 3 Construction will start about: Month IV VANY Year
- DESCRIPTION OF PROPOSED WELL 4 Diameter 1 Depth faat Type of Casing Say 10

5 Design Pump Capacity: gallons per minute

Typed or Printed Name of Owner

The ð City Telephone

- Principal use of water (be specific) 7
- Other uses of water (be specific) A CASE
- If use includes imigetion, state to nearest tenth, the number of acres to be irrigated: 111 At 14

DO NOT WRITE IN THIS SPACE
DIFFICE RECORD
FIN NOLSID-18) Labb By SV
Filed SCIL-95 BY SV
InputBy
DUPLICATE MAILED
DateBySV*
Registration 65-550020
AMAANA WS DID SA
<u>ENTEDED ///// 1945</u>
The for the the two the two is the second of

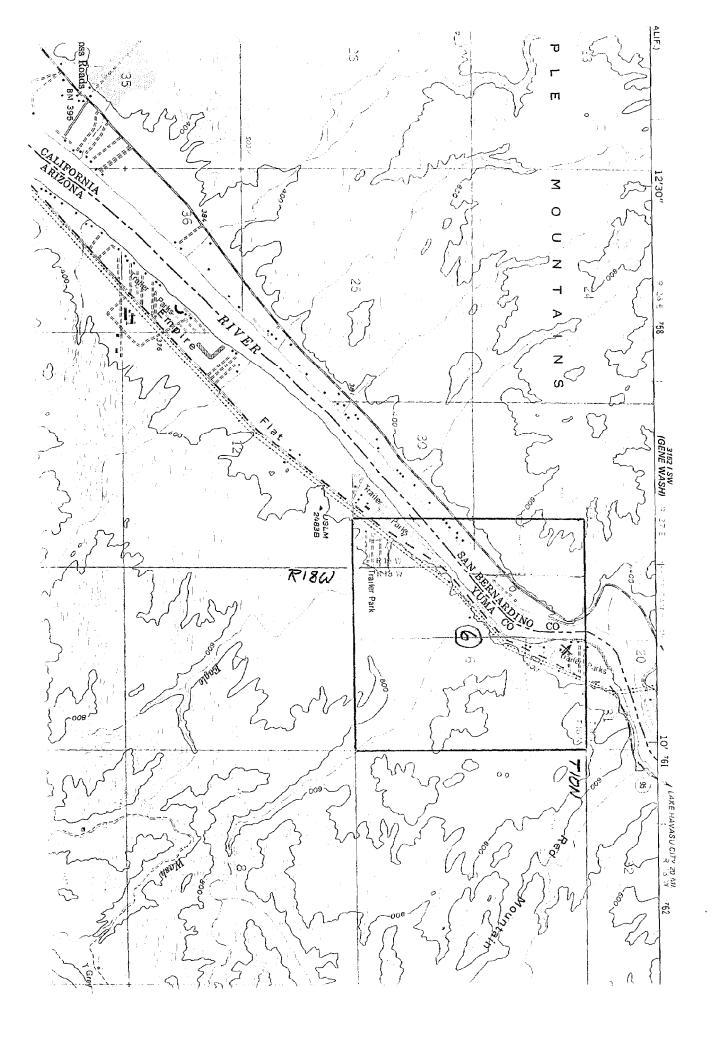
Signature | Lesses of Weilsite

10. PLACE OF USE (Legal Description of Land): Township Rance Section 114 Type of well: Exempt Non-Exempt Residential Commercial

12 is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous materials or petroleumstorage areas and tanks? YES NO

DRILLING FIRM 13.

Firm Name ng Address ≤ 0.07 City 6tate Ζю **DWR License ROC License Classification**



	•				
2100127	DATE ZIBZSR P	ISSUED: 02	RECISTRATION 5 11 982 PLAN	NED PUMP CAP:	EXEMPT
NAME: REP RO PT 2 e parker	CK CAMP GROUN OX 565 AZ	D IN 85344	CARE OF:		•
ACCURACII NC Antai Cu Sub-Easini Watershitti CC Counti Yi	T VERIFICO TSIDE Lorado River		WATER USES: WELL USES:	MUNICIPAL DOMESTIC IRRICATION WATER PRODUCTION	
OWMER: PR VELL OPTH: 35 PUMP CAP: 44 ORAW DORK:	IVATE FT CASE DIAM GFM FINISH WATER LVL 06 00 957	0 0	DRILLER: CASE DETH: ACRES IRR: LIFT:	35 FI METH DET: 3.20 YIELD: POWER:	44 GFM
POULAI: Status: Hate		N CRT N P	POU #2: > Ner:	IPO STATUS:	
<u> Talando a constructo</u>	TRECORC		CLEAR TO RET	ORA TO SELECTION C	RITERIA
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		e Sector Sector			
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ARIZONA DEPARTMENT OF WATER RESOURCES

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500 North 3rd Street, Phoenix, Arizona 85004 Telephone (602) 417-2400 Fax (602) 417-2401



FIFE SYMINGTON

Governor RITA P. PEARSON Director

DATE:

TO:

MIKE BALL FROM:

61.

PAGES TO FOLLOW LEASE PLACE A MANK AT THE **MESSAGE:** APPMOXIMATE LOCATION FOR THE PROPOSID WELL. EXPANDAN THE SECTION SO IT DEPICTS - HAVE A PERFROT 640 ARRIS SECTION OF LODD. TELEPHONE: (602) 417- こ470 EXT.7(4/NEW TELEFAX NUMBER 417-2401 2421

Definio -Ano one is ready to process This! Me

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VERBAL AUTHORIZATION

L

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DRILLER: []AY'S / MULING # 283
OWNER: REPROCK CAMPGNOUND INC. (DONALD CUCCI)
TYPE OF WELL: MUNICYPAC - RV PANK
LEGAL: 13 (10-18) 6 adb
IF DEEPENING OR REPLACING:
Registration No. 55
IN AN A-M-A, OR I-N-A, SAME OWNER, SAME LEGAL, MORE THAN ONE WELL, REQUIRES DIFFERENT PURPOSE:
NO. 23 or NO. 24 ON NOTICE OF INTENT:
NO. 23 or NO. 24 ON NOTICE OF INTENT: WITHIN 100 FEETYES \swarrow NO.
\wedge
WITHIN 100 FEET YES X NO.
WITHIN 100 FEETYESNO. DATE OF VERBAL: $5/19/95$ BY: M. Bacc

ARIZONA DEPARTMENT OF WATER RESOURCES

500 North Third Street, Phoenix, Arizona 85004 Telephone (602) 417-2470 Fax (602) 417-2401

June 6, 1995



FIFE SYMINGTON Governor

RITA P. PEARSON Director

RED ROCK CAMPER INC DONALD CUCCI R2 BOX 665 PARKER, AZ 85344

Registration No. 55-550020 File No. B(10-18)6 ABB

Dear Well Owner:

Enclosed is a copy of the Notice of Intention (NOI) to replace an existing well. This NOI, which was recently filed with this Department, is being returned to you as evidence of your compliance with ARS §45-596. The enclosed Completion Report is to be submitted when pump equipment is installed. The Drilling Card and Well Drilling Report form have been sent to your driller. He may not begin drilling until he has received the Drilling Card and Well Drilling Report form have been sent to your driller. He may not begin drilling until he has received the Drilling Card and it must be displayed on the rig during drilling. If you change drillers, you must supply this Department with the new driller's identity. Please ensure that the driller you select is licensed to drill the type of well you require. All well drillers must pass an examination proving they understand the drilling methods for that particular license, and are familiar with the laws and regulations which govern well construction in Arizona.

If it is necessary to change the location of the proposed well, immediately contact the Department of Water Resources to obtain written permission before proceeding with the drilling. A properly signed, amended Drilling Card <u>must</u> be in the possession of the driller before drilling commences at a different location than originally authorized. In no case may the replacement well be more than 660 feet from the well it is replacing.

ARS §45-600 requires the registered well owner to submit a completion report within thirty (30) days after the installation of pumping equipment. It also requires the driller to furnish this Department a complete and accurate log of the well within thirty (30) days after completion of drilling. You should insist, and ensure, that both of these are done.

If in the course of drilling a new well, it is determined that the new well cannot be successfully completed as initially intended (dry hole, cave in, lost tools, etc.), the new well must be properly abandoned and a Well Abandonment Completion Report submitted per R12-15-816.F.

Per ARS §45-593, the person to whom a well is registered shall notify this Department of a change in ownership of the well and/or information pertaining to the physical characteristics of the well in order to keep this well registration file current and accurate. We have enclosed a Change of Well Information Form should it be needed in the future. If, in the future, it is determined that water from your well is supplied from the river and you do not have a perfected water right to Colorado River water established prior to 1929, the U.S. Bureau of Reclamation may require you to cease pumping or enter into a contract for use of colorado river water.

Sincerely,

Sylvia Valdez Water Resources Technician Groundwater Section

.....

RECEIPT

Nº 20061

Red Rock Campground, INc. Route 2, Box 665 Parker, AZ 85344 STATE OF ARIZONA DEPARTMENT OF WATER RESOURCES 500 NORTH 3RD STREET PHOENIX, ARIZONA 85004 (602) 417-2470

ENTRY CODE 55

FILE NO.

THRU

ITEM DESCRIPTION	RATE	AMOUNT
Filing fee for NOI		10.00
55-550020		· · · · ·
2305	<u>.</u>	10.00

CHECK NO. 2395	FEE ACCOUNT NO	TOTAL \$	10.00
CHIT NO IPS 1821 – Rev. 4/91	RECEIVED BYLiz	DATE	5-30-95

D'CUCCI BOATS/RED ROCK TEL 6026673116	May 12,95 11:50 No.001 P.01
PHOENIX, AZ 85004 NOTICE OF INTENTION TO DRILL, DEEF	U020417-2470
Section § 45-596, A.R.S., provides: a person may not dril, deepen, or modify a	ny well, worbut first filing a Notice of Intention to Drill with the Department.
IF PARCEL IS 20 ACRES OR LESS, THE APPLICABLE COUNTY OF IN THE BOX BELOW, BEFORE SUBMITTING TO T	RLOCAL HEALTH AUTHORITY MUST ENDORSE ALL ITEMS
Land Owner's Nome	MAMBERER AT ESSERT
	C PARCED, D INFORMATION:
Well and Location:	Participation of Participation OFFICIAL SEAL
10AC 1/4 2082 1/4 1FORC 1/4 of Section (C Township)	
Check one: Recommend Approval; Insufficient Information to make determination; Ver	
DATEAUTHORIZED SIGNATURE	42.96
GENERAL INSTRUCTIONS FO	hand '
1 Section § 45-596(D) provides that the Director shall determine that all inform will be notified, and the drilling, deepening or modification of the well may no	ploced
 Section § 45-596(D), provides that the Department has 15 days <u>after</u> the rec and mall the duplicate to the owner. 	
3. Fill out this form and sits plan in <u>DUPLICATE</u> and send <u>WITH \$10.00 FEE</u> b 4. For specific instructions, limitations and conditions, see the reverse side of th	y 500 N. THIRD ST., HOENIX, AZ 85004. USE BLACK OR BLLE IM
 If the well is a replacement, deepening or modification of an existing well, price Construction standards for yells, including abandonment, shall be in accord. 	vide the registration number of the existing well in item 2.
1. Owner of well 7 5 Losses of Land of well	10 PLACE OF USE (Lagal Description of Land):
JANALD RCLOGE (PRACE) TOURIN RC	Township / O IV N/S Range / & W E/W Section
Mailing Address D2 Box 665 Deckur Az P2 Box 665 City State 2p ESS SHY City	PORKERAT II Type of well Exempt Non-Exempt
Telephone: 637,667,2116 [elephone: 602) 6	2671 3116 Residential Commercial
2 Action requested: Drill New Well	(spacific) 12 is the proposed wallelle within 100 leet of a septid tank system, sowage disposal area, tantill, hazardous wasts facility, signage area of hazardous malerials or pervioun
capacity of the original well gelians per B Diher uses of water (be the minute, distance from the original well leet,	becilu) storage anale and tanks? YES NO
Well Registration No. 55-5754655 9 If use includes Mightien. 3 Construction will start about 028658 9 If use number of abres to be	13. DRILLING FIRM:
Month <u>Marshy</u> Year 25	Prom Harne Box 130
4 DESCRIPTION OF PROPOSED WELL: Diamatar 27 Inches Device Re- Doption 770 feet New	
6 Design Pump Capacity.	DWA License 233
Registratori Br- Nazina	C-53 A-4
Typed or Printed Name of Downer of Lasses Bigneture (Land Damer	1 1 Lessee of Wellsho 15/12/95
FAX 602 2021417-29	12/ ATTNO MIKE BALL

ARIZONA DEPARTMENT OF WATER RESOURCES

Operations Division 500 North 3rd Street Phoenix, Arizona 85004

<u>1</u>]

JN 20200

WELL DRILLER REPORT

This report should be prepared by the <u>driller</u> in all detail and filed-with the Department within 30 days following completion of the well.

1.	Owner Name: 12ED 12001	(CAN	PEN			_
	Address: 1616 W. AO	HINS		PHX,	AZ	85007
	Street	City		State	Zip	
2	Dilla Maria 200 1/41	/				
2.	Driller Name: 300 UP	2 010	an i cen	1 117	002	<u> </u>
	Address: <u>POOOX 130</u> Street	$\frac{2}{\text{City}}$	MISTOW	State	250	72
	51166	Chy		State	Zip	
3.	Location: 10 DS 15	Е Д	6 1/4 NL)_14 <u>人</u>	10	1/4 NE
	Township Range		Section 10-a	cre 40)-acre	160-acre
		0.44				
4.	Well Registration No. 55-5500	20	····-	(Required)		
5	Dama is No		а	6 : 1)		
э.	Permit No			f issued)		
	DI	SCRIPTION	OF WELL			
б.	Total depth of hole		ft.			
7.	Type of casing <u>STIERE</u> 6-	PUC				
8.	Diameter and length of casingir	n. from	to 20, 4/2	in from	O	to 6£
9.	Method of sealing at reduction points					
10.	Perforated from <u>KF</u> to <u>GF</u>	,from	to	from	·····	_to
			f cuts per foot			
	If screen was installed: Length		Diam	in. Typ	be	
13.	Method of construction			······································		
14	Date started (drilled, dug, driv	· -	, etc)			
14.	Month	<u> </u>	Yea	 r		
15.	Date completed MAY	2.3	25			
	Month	Day	Yea			
16.	Depth to water <u>14</u>		ft. (If flo	wing well, s	o state)	
17.	Describe point from which depth measu	irements were	made, and give se	a-level eleva	ation if a	vailable
10	If flowing well state method of flow re	autotion.				
18.	If flowing well, state method of flow re	guianon:				
10	Remarks:			<u>-</u>		· _· · · · · · · · · · · · · · · · · ·
19.	Kemarks		DO	NOT WRITE I	N THIS SP	ACE
				OFFICE R		
1			Registration	D(10 10)		
•			File No	B(10-18)	6 ABB	
D 11-			Received	55-55-0-0-24)	•
pwi	t-55-55-10/94 (Rev.)		Entered			2 6 1005
			intereu	- in the the the test	ه ۱۱۷ هم	9 9 1000

LOG OF WELL

Indicate depth at which water was first encountered, and the depth and thickness of water bearing beds. If water is artesian, indicate depth at which encountered, and depth to which it rose in well.

From (feet)	To (feet)	Description of formation material
-0-	22	CLAY REPISH
22	22 98	CLAY REDISI- CLAY, SHAD & GRADELS
		CLF, SF TO A BUILL
[
	······································	
·		
	·	
	· · · · · · · · · · · · · · · · · · ·	
1		

I hereby certify that this well was drilled by me(or under my supervision), and that each and all statements herein contained are true to the best of my knowledge and belief.

Driller Name: Tel Mag	
8000×30	
Street	"4"C'
City State Zip	Phone No.
10 JUL 1995	
Date $520 684 - 330$	
320 689-330	

ARIZONA DEPARTMENT OF WATER RESOURCES

500 North Third Street Phoenix, Arizona 85004

	5500	
FileNo. 3	10-181	babb

l

COMPLETION REPORT

Per A.R.S. § 45-600, the Completion Report is to be filed with the Department within 30 days after installation of pump equipment by the registered well owner.

Drawdown of the water level for a non-flowing well should be measured in feet after not less than 4 hours of continuous operation and while still in operation and for a flowing well the shut-in pressure should be measured in feet above the land or in pounds per square inch at the land surface.

3. The static groundwater level should be measured in feet from the land surface immediately prior to the well capacity test.

4. The tested pumping capacity of the well in gallons per minute for a non-flowing well should be determined by measuring the discharge of the pump after continuous operation for at least 4 hours and for a flowing well by measuring the natural flow at the land surface.

LOCATION OF THE WELL:

1013EAW6TownshipRangeSection	1 <u>4 L/C 14 N/C 14 N/F</u> 10-acre 40-acre 160-acre
EQUIPMENT INSTALLED:	
Kind of pump <u>SUD MEALOLE</u> Turbine, centrifugal, etc.	
Kind of power <u>ELECTAIC</u> H.P. Rating o Electric, natural gas, gasoline, etc.	f Motor
Pumping Capacity Date Pump In	stalled <u>24 MAY 95</u>
WELL TEST: Test pumping capacity 30 Gallons per minute	sted: <u>241MAY95</u>
Method of Discharge Measurement <i>Pl Ple</i> Weir, orifice, current meter, etc.	
Static Groundwater Levelft. Drawdowr	<u>z</u> <u>f</u> t.
Total Pumping Liftft. Drawdown	(Flowing Well)
I HEREBY CERTIFY that the above statements are true to the best of my km ENTERED JUL 2 4 1995 19 $3Date19$ 319 319 319 319 319 319 319 319 319 319 319 319 319 319 319 310 10 10 10 10 10 10 10	<u>Rep Rock</u> (<u>AMPEDOUMOS</u> Print Well Owner's Name <u>Luc</u> <u>Signature of Well Owner or Agent</u>
DWR-55-56-10/94 (Rev.)	KTZ, Box 665 Address <u>PARKER Az 85344</u> City State Zip

PHOENIX, AZ 85004 (602)417-2470 NOTICE OF INTENTION TO DRILL, DEEPEN, REPLACE OR MODIFY A WELL

Section § 43-596, A.R.S., provides: a person may not drill, deepen, or modify any well, without first filing a Notice of Intention to Drill with the Department.

IF PARCEL IS 20 ACRES OR LESS, THE APPLICABLE COUNTY OR LOCAL HEALTH AUTHORITY MUST IN THE BOX BELOW, BEFORE SUBMITTING TO THE DEPARTMENT OF WATER RESOL	
STATE LAND DEP 16/6 WADAMSST PHEONIX	AZ 85007
Telephone (02) 547.3500 COUNTY ASSESSOR'S PARCEL D INFORMATION:) County: MAIN/COPA BIO 15 000A NO. SILACRES OF PARCEL BOOK MAP PARCEL NO. SILACRES OF PARCEL	AGO CRASE 32-12740 OFFICIAL
WelkLand Location: W 1/4 1/4 cf Section (Township 10) N/S Range 18W EW	DEPARTMENT OF WR
COUNTY OR LOCAL AUTHORITY ENDOBSEMENT Check one: Becommend Approval; Insufficient information to make determination; Variance required(Explanation attached).	MAY 1 6 1995
DATEAUTHORIZED SIGNATURE	OPERATIONS DIV.

GENERAL INSTRUCTIONS FOR FILING NOTICE WITH

- Section § 45-596(D) provides that the Director shall determine that all information required on this form has been submitted. If not, the person filing will be notified, and the drilling, deepening or modification of the well may not proceed.
- Section § 45-596(D), provides that the Department has 15 days after the receipt of a complete and correct notice of intention to record the notice and mail the duplicate to the owner.
- 3. Fill out this form and site plan in DUPLICATE and send WITH \$10.00 FEE to 500 N. THERD ST., FACENIX, AZ 85004. USE BLACK OR BLLE IN
- 4. For specific instructions, limitations and conditions, see the reverse side of this form.
- 5. If the well is a replacement, deepening or modification of an existing well, provide the registration number of the existing well in item 2.
- 6. Construction standards to yells, including abandonment, shall be in accordance with Department Rules.

STATUS LOND VC12 1. Owner of well 5 Keu Nama ネイ Majling Addres OXID AZ State Telep

2 Action requested: Drill New Well Deepen Modify Replace For a replacement well provide: Maximum capacity of the original well and pallors per minute; distance from the original well 5 feet. Well Registration No. 55

- 3. Construction will start about: Month <u>Norv</u> Year <u>95</u>
- 4. DESCRIPTION OF PROPOSED WELL: Diamatar Of Proposed Well: Depth 1900 [cell Type of Casing 27-66 of D/C
- 5. Design Pump Capacity:

Typed or Printed Name of Owner or Langes

d of walk o Ine bс 11 Cin

- F. Principel use of water (be specific)
 - B. Other uses of water (be specific)
 - If use includes intigation, state to nearest tenth, the number of acres to be intigated: <u>UP ALL</u>

	RECORD
Fib No.	8y
Filed	By
Input	By
DUFLICA	TE MAILED
Det.	Ely
Registration 55-	an a
ANAANA	······································
¥/5	S.R.

<u>- C.f. 188</u> Signature] Land Owner () Lucase of Wallaite ŀ

10. PLACE OF USE (Legal Description of Land):

OIN/S Range / C Township Section NAT 14 NV Type of well: Exempt Non-Exempt Regidentis Commercia

- 13. DRILLING FIRM:

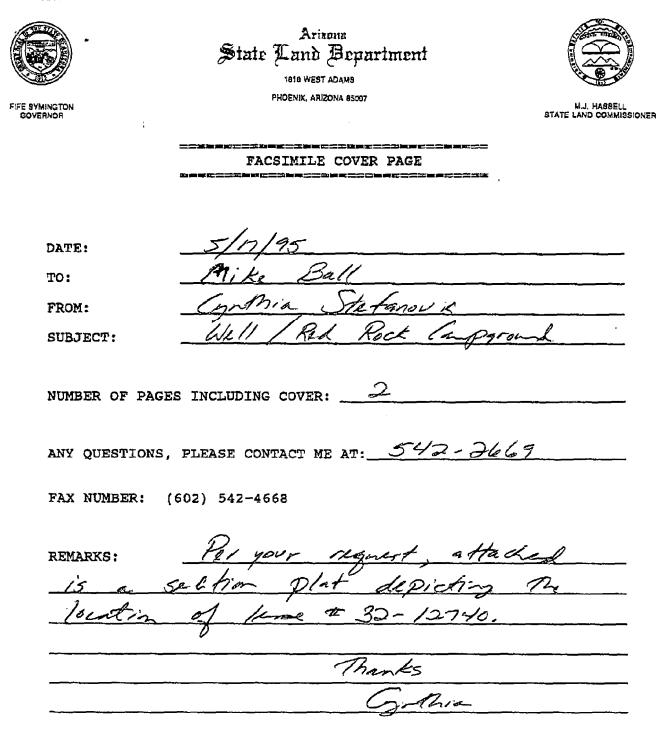
Mailing Address େ SADIS City State

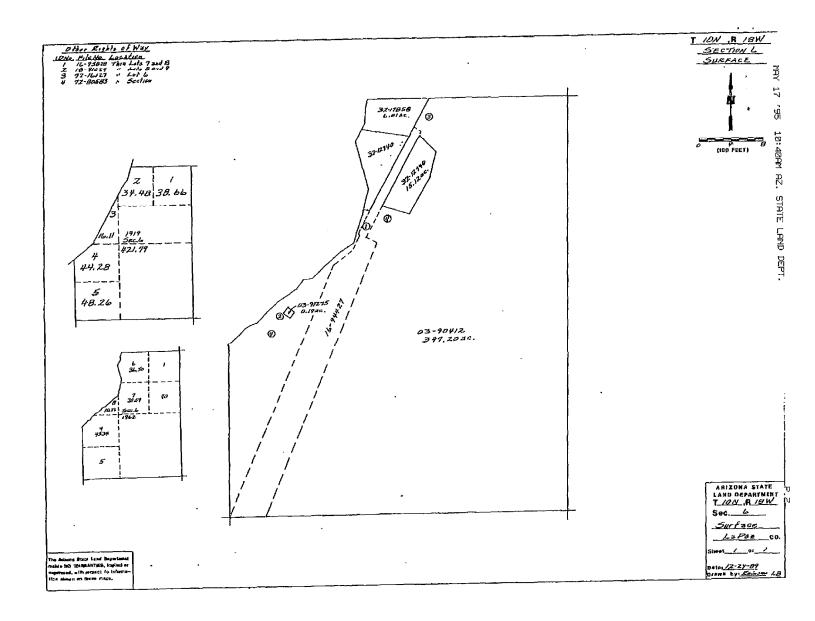
DWR License **ROC License Classification**

ARIZONA	DEPARTIMENT OF WA OPERATIONS DIVISION 500 North Third Street Phoenix, Arizona 85004-3903 Phone (602) 417-2470	
THIS AUTHORIZATION SHA	ALL BE IN POSSESSION OF THE DRILLE	R DURING ALL DRILL OPERATIONS
WELL REGISTR	ATION NO. 55-550020	
AUTHORIZED DRILLER: WA	YS DRILLING	LICENSE NO. 283
NOTICE OF INTENTION TO RE HAS BEEN FILED WITH THE D	PLACE REGISTRY NUMBER 55-678658 Epartment by:	AN EXEMPT WELL
Owner of Well(s) RED ROCK CAMPER	1616 W ADAMS ST	PHOENIX AZ 85007
The well(s) is/are to be locat NW 1/4 NW1/4 NE 1/4 10 acre 40 acre 160 acre) NORTH Range 18.0 WEST
	THIS AUTHORIZATION EXPIRES AT M	AIDNIGHT ON MAY 15TH, 1996
	THE DRILLER SHALL FILE A LOG O COMPLETION OF DRILLING,	F THE WELL WITHIN 30 DAYS OF
	/	Kz
	for CHIEF	, OPERATIONS DIVISION

DRLCRD-0993

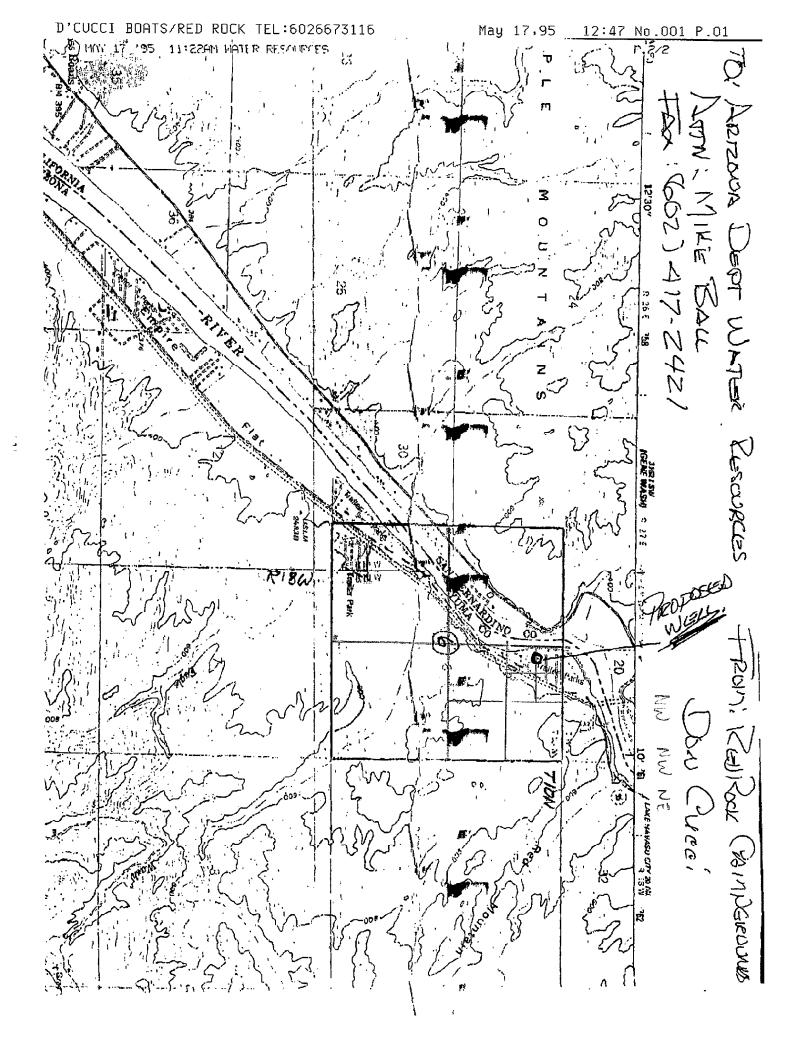
FAX TO NUMBER: 417-2421





,		······ TRANSMISSION		WATER RESOURCES		11:23A	M)•••••
THE F	OLLOWING FILE(S) ERA	 3ED			********	(AUTO)	*******
FILE 082	FILE TYPE MEMORY TX	OPTION	TEL NO. 91602667	3116	PAGE Ø2/Ø2	RESULT OK	

***********************		********************	*******	*****************	*****************		;;;;; ;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	**********************
	ERRORS 1) HANG UP OR LIN		2) BUSY	3) NO AN		AN NO FOCETI	MILE CONNECTION	
	IT THIS OF ON LIN						THE CONNECTION	
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	ARIZONA	DEPAR 500 North	TMENT (3rd Street, Pho Felephone (602 Fax (602) 41	OF WATE Denix, Arizons 1417-2400 17-2401	R RESC 85004	URCES		
	DATE:	5	117/95				FIFE SYMINGTON Governor	
	TO:	D	bri Gue	<u>c/</u>			RITA P. PEARSON Director	
	·	Re	Rock	(A-ping	. Fic.			•
•				•	·			:
							••••••••••••••••••••••••••••••••••••••	
	FROM:	M	IKE BAL	د				
4 1 .	· · · ·- ·.					· · · · · · · · · · · · · · · · · · ·		



Run Date: 12/12/2001

AZ DEPARTMENT OF WATER RESOURCES

WELL REGISTRY REPORT - WELLS55

Location B 10	.0 18.0	6 A	в 8	Well F 55 - 55	Reg.No 50020	AMA NOT	WITHIN ANY AMA OR INA
Name	ARIZONA S 1616 W AD/		ID DEPA	ARTMENT	Fi Application/Iss		WELLS (INTENTS OR APPLICATIONS) /1995
	PHOENIX		AZ	85007			
Driller Nbr Driller Name Driller Phone	WAY'S DRII 520-684-330 MARICOPA)1)1	5.		Watershed Water Uses Well Uses Discharge Method	NO SUBBASI COLORADO I DOMESTIC WATER PRO BUCKET - BA	
Well Depth Pump Cap. Draw Down	30.00))		Case Diam Case Depth Water Level Acres Irrig	7.00 68.00 14.00 0.00	Tested Cap CRT Log Finish	x x

Comments ||CO:REPLACED-628658||PQ:|PQ#:

Current Action

Action History

5/23/1995	750	WELL LOG RECEIVED
5/23/1995	755	WELL CONSTRUCTION COMPLETED
5/23/1995	805	COMPLETION REPORT RECEIVED

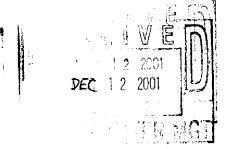
$\left[\overline{\mathbb{D}} \right]_{r}$	ĘQ	Ē		
	DEC	12	2001	屻
<u>021</u>				

Jane Dee Hull Governor

Michael E. Anable State Land Commissioner Arizona State Land Department



1616 West Adams Street Phoenix, AZ 85007 www.land.state.az.us



December 5, 2001

Arizona Department of Water Resources Groundwater Management Support Section 500 North Third Street Phoenix, AZ 85004

Dear ADWR Staff:

As a result of recent field investigations, the following information is being submitted related to these well registrations:

55-550020 55-628659 55-628660 55-628658

The locations for these well registrations are within Section 6, Township 10 North, Range 18 West, which is State Trust Land. In addition, my field investigation revealed well registration number 55-628658 has a 2 inch casing diameter, and 35 foot casing depth.

If you have any questions, please call me at (602) 542-2672.

Sincerely,

James W

Water Resource Specialist Water Rights and Agriculture Section

G.gpitts\vivian.ltr

APPENDIX D

ENVIRONMENTAL DATABASE INFORMATION

ASLD Sand Bar Resort

6400 Riverside Drive Parker, AZ 85344

Inquiry Number: 7541478.2s January 16, 2024

The EDR Radius Map[™] Report with GeoCheck®



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

FORM-LBC-KXG

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Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	12
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	PSGR-1

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

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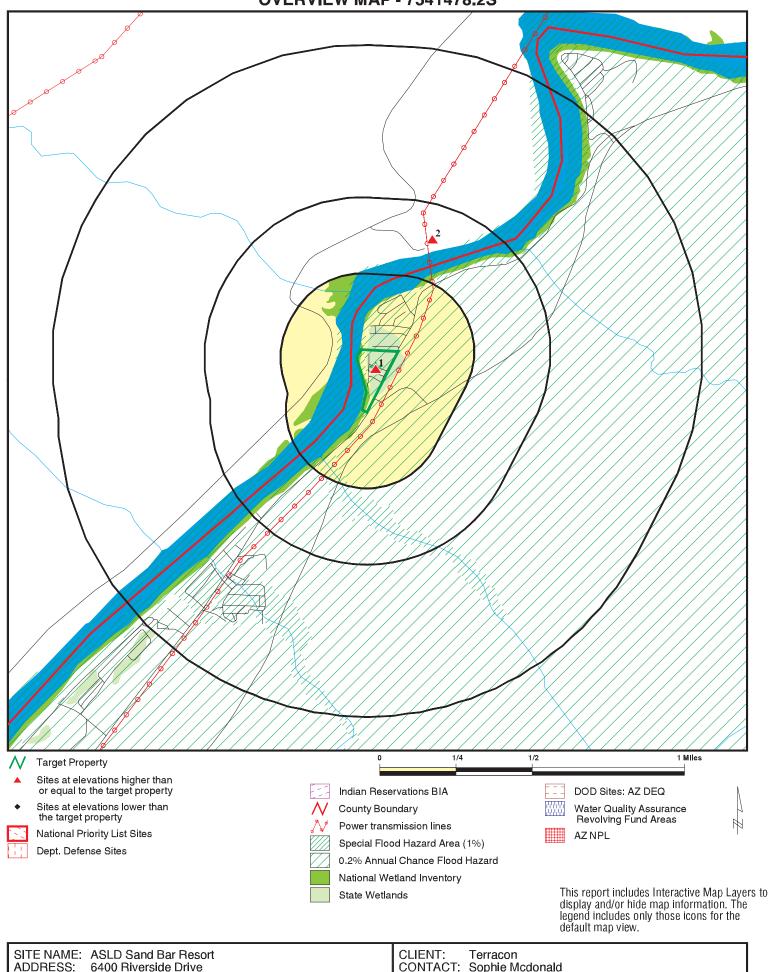
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Target Property Address: 6400 RIVERSIDE DRIVE PARKER, AZ 85344

Click on Map ID to see full detail.

MAP

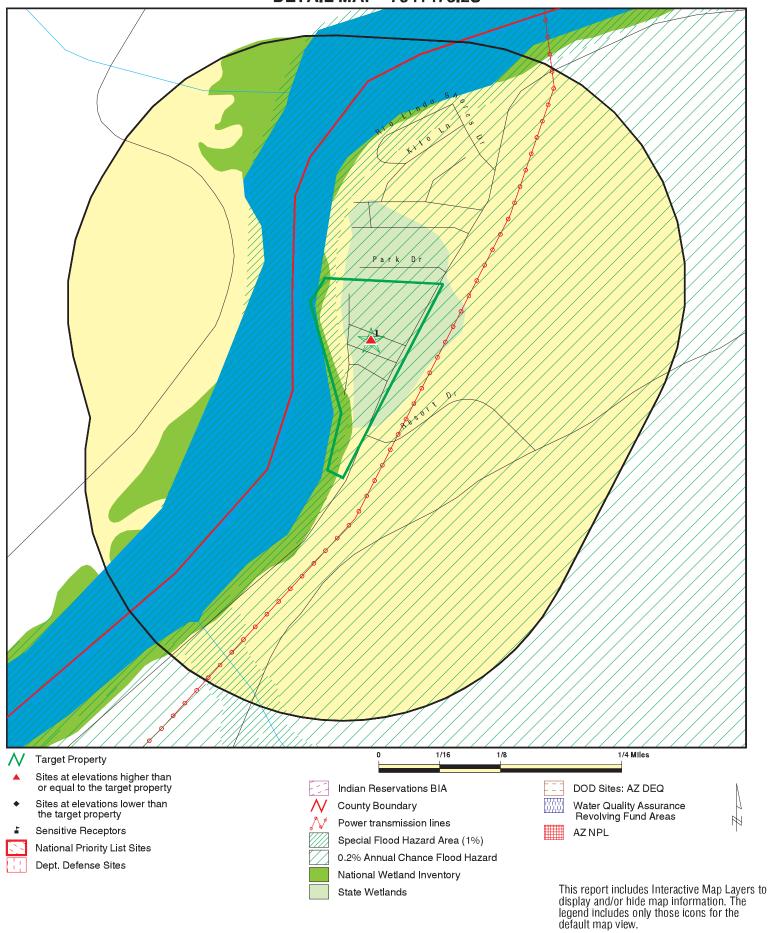
MAP				RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
1	SANDBAR RESORT AT RE	6400 RIVERSIDE DR	AZ EMAP, AZ Enforcement		TP
2	ECHO LODGE MARKET	6 MILES SOUTH OF PAR	CA LUST	Higher	2033, 0.385, NNE



ASLD Sand Bar Resort	CLIENT: Terracon
6400 Riverside Drive	CONTACT: Sophie Mcdonald
Parker AZ 85344	INQUIRY #: 7541478.2s
34.243451 / 114.17454	DATE: January 16, 2024 11:38 am
	Copyright © 2024 EDR, Inc. © 2015 TomTom Rel. 2015.

LAT/LONG:

DETAIL MAP - 7541478.2S



		CLIENT: Terracon CONTACT: Sophie Mcdonald INQUIRY #: 7541478.2s
LAT/LONG:	34.243451 / 114.17454	DATE: January 16, 2024 11:40 am
		Copyright © 2024 EDR, Inc. © 2015 TomTom Rel. 2015.

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMEN	TAL RECORDS							
Lists of Federal NPL (S	uperfund) site	s						
NPL Proposed NPL NPL LIENS	1.000 1.000 TP		0 0 NR	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Lists of Federal Delisted	d NPL sites							
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites su CERCLA removals and		ers						
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Lists of Federal CERCL	A sites with N	FRAP						
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA f undergoing Corrective								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA	TSD facilities							
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA g	generators							
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional con engineering controls re								
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 TP 0.500		0 NR 0	0 NR 0	0 NR 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribat (Superfund) equivalent								
AZ NPL AZ WQARF CA RESPONSE	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0
Lists of state- and tribal hazardous waste faciliti								
AZ SPL AZ SHWS	1.000 1.000		0 0	0 0	0 0	0 0	NR NR	0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal and solid waste dispos								
AZ SWF/LF CA SWF/LF	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Lists of state and tribal	leaking stora	ge tanks						
AZ LUST CA LUST INDIAN LUST	0.500 0.500 0.500		0 0 0	0 0 0	0 1 0	NR NR NR	NR NR NR	0 1 0
Lists of state and tribal	registered sto	orage tanks						
FEMA UST AZ UST CA UST AZ AST CA AST INDIAN UST	0.250 0.100 0.100 0.100 0.100 0.250		0 0 0 0 0	0 NR NR NR NR 0	NR NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
State and tribal instituti control / engineering co		es						
AZ AZURITE AZ AUL	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Lists of state and tribal	voluntary clea	anup sites						
AZ VCP INDIAN VCP CA VCP	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Lists of state and tribal	brownfield si	tes						
AZ BROWNFIELDS CA BROWNFIELDS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
ADDITIONAL ENVIRONME	NTAL RECORD	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
CA WMUDS/SWAT AZ SWTIRE INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500 0.500		0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0 0
Local Lists of Hazardou Contaminated Sites	is waste /							
US HIST CDL	TP		NR	NR	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AZ CDL CA CDL	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency	Release Repo	orts						
HMIRS	TP		NR	NR	NR	NR	NR	0
AZ SPILLS CA CHMIRS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
AZ SPILLS 90	TP		NR	NR	NR	NR	NR	0
CA SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Rec	cords							
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
EPA WATCH LIST 2020 COR ACTION	TP 0.250		NR 0	NR 0	NR NR	NR NR	NR NR	0 0
TSCA	0.250 TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	ŏ
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS ICIS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	ŏ
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP TD			NR	NR	NR		0
DOT OPS CONSENT	TP 1.000		NR 0	NR 0	NR 0	NR 0	NR NR	0 0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		Ő	Ő	Ő	Ő	NR	ŏ
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250				NR	NR		0
MINES MRDS DOCKET HWC	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	Ő
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
	<u> </u>							
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN			0	0	NR	NR	NR	0
PFAS PART 139 AIRPOR			0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
AZ PFAS	0.250		0	0	NR	NR	NR	0
CA PFAS	0.250		0	0	NR	NR	NR	0
AZ AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
AZAIRS	TP		NR	NR	NR	NR	NR	0
AZ Aquifer	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	TP		NR	NR	NR	NR	NR	0
AZ DOD	0.500		0	0	0	NR	NR	0
AZ Dry Wells	TP		NR	NR	NR	NR	NR	0
AZ DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CADRYCLEANERS	0.250		0	0	NR	NR	NR	0
AZEMAP	TP	1	NR	NR	NR	NR	NR	1
CAEMI	TP		NR	NR	NR	NR	NR	0
AZ Enforcement	TP	1	NR	NR	NR	NR	NR	1
CAENF	TP		NR	NR	NR	NR	NR	0
AZ MANIFEST	0.250		0	0	NR	NR	NR	0
CA HAZNET	TP		NR	NR	NR	NR	NR	0
AZ SPDES	TP		NR	NR	NR	NR	NR	0
	TP		NR	NR	NR	NR	NR	0
AZ VAPOR	0.500				0	NR	NR	0
AZ UIC	TP TP		NR	NR	NR	NR	NR	0
			NR	NR	NR			0
AZ WWFAC	0.500		0	0	0	NR	NR	0
EDR RECOVERED GOVERN		/FS						
Exclusive Recovered Go	vt. Archives							
AZ RGA HWS	TP		NR	NR	NR	NR	NR	0
AZ RGA LF	TP		NR	NR	NR	NR	NR	0
CA RGA LF	TP		NR	NR	NR	NR	NR	0
AZ RGA LUST	TP		NR	NR	NR	NR	NR	0
CA RGA LUST	TP		NR	NR	NR	NR	NR	0
0,110,12001			INIX				1413	0
- Totals		2	0	0	1	0	0	3

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Database(s)

EDR ID Number EPA ID Number

1 Target Property	SANDBAR RESORT AT RED ROCK 6400 RIVERSIDE DR PARKER, AZ 85344		AZ EMAP AZ Enforcement	S117613188 N/A
	EMAP:			
	Name:	SANDBAR RESORT AT RED ROCK		
Actual:	Address:	6400 RIVERSIDE DR		
378 ft.	City,State,Zip:	PARKER, AZ 85344		
	ID Number:	35085		
	Township:	10N		
	Range:	18W		
	Section:	6		
	Latitude:	34.2443818		
	Longitude:	-114.1746930		
	Collection Method:	DIGITAL IMAGERY		
	Place Type:	CAMPGROUND		
	Place Type Code: Place C Code:	CMPGD PP		
	Facility Status:	ACTIVE		
	Verified:	Y		
	vermed.			
	ENF:	35085		
	Facility ID: Name:	SANDBAR RESORT AT RED ROCK		
	Address:	6400 RIVERSIDE DR		
	City,State,Zip:	PARKER, AZ 85344		
	Case ID:	163661		
	Facility Type:	CAMPGROUND		
	Notice Type:	Notice of Violations		
	Notice Issue Date:	08/03/2016		
	Closed Date:	08/31/2016		
	Faciltiy Status:	Case Closed		
	Env Program:	DRINKING WATER PROGRAM		
	Notice Type Code:	NOV		
	Facility ID:	35085		
	Name:	SANDBAR RESORT AT RED ROCK		
	Address:	6400 RIVERSIDE DR		
	City,State,Zip:	PARKER, AZ 85344		
	Case ID:	107880		
	Facility Type:	CAMPGROUND		
	Notice Issue Date:	03/30/2009		
	Closed Date:	02/18/2010		
	Faciltiy Status:	Case Closed		
	Env Program:	DRINKING WATER PROGRAM		
2	ECHO LODGE MARKET		CA LUST	S106152898
NNE	6 MILES SOUTH OF PARKER DAM			N/A
1/4-1/2 0.285 mi	PARKER DAM, CA 92267			
0.385 mi.				
2033 ft.				
Relative:	LUST:			
Higher	Name:	ECHO LODGE MARKET		
Actual:	Address:	6 MILES SOUTH OF PARKER DAM		
412 ft.	City,State,Zip:	PARKER DAM, CA 92267		
	Lead Agency:	SAN BERNARDINO COUNTY		
	Case Type: Geo Track:	LUST Cleanup Site	ort opp?alobal :d T	0607100070
	Geo Track:	http://geotracker.waterboards.ca.gov/profile_rep	ort.asp?global_ld=l	0001100910

Database(s)

EDR ID Number EPA ID Number

ECHO LODGE MARKET (Continued)

S106152898

CHO LODGE MARKET (Continued)	
Global Id:	T0607100970
Latitude:	34.2496145388783
Longitude:	-114.171288611045
Status:	
Status Date:	Completed - Case Closed 01/11/2005
Case Worker:	JC
RB Case Number:	7T2267006
Local Agency:	SAN BERNARDINO COUNTY
File Location:	Local Agency
Local Case Number:	99111
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Conce	rn: Gasoline, MTBE / TBA / Other Fuel Oxygenates
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	YES
Begin Date:	07/30/1999
Leak Reported Date:	08/11/1999
How Discovered:	Tank Closure
Discharge Source:	Other
Discharge Cause:	Unknown
No Further Action Date:	01/11/2005
CA Water Watershed Name:	Colorado - Vidal (715.10)
Disadvantaged Community:	Severely Disadvantaged Community
CA Enviroscreen 3 Score:	66-70%
CA Enviroscreen 4 Score:	65-70%
	No
Military DOD Site:	
RWQCB Region:	COLORADO RIVER BASIN RWQCB (REGION 7)
LUST:	
Global Id:	T0607100970
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	JACKSON CRUTSINGER
Organization Name:	SAN BERNARDINO COUNTY
Address:	620 SOUTH E STREET
City:	SAN BERNARDINO
Email:	jcrutsinger@sbcfire.org
	J
LUST:	
Global Id:	T0607100970
Action Type:	ENFORCEMENT
Date:	01/22/2003
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0607100970
	ENFORCEMENT
Action Type:	
Action Type: Date:	07/24/2003
	07/24/2003
Date:	
Date: Action:	07/24/2003 Technical Correspondence / Assistance / Other
Date: Action: Global Id:	07/24/2003
Date: Action: Global Id: Action Type:	07/24/2003 Technical Correspondence / Assistance / Other T0607100970 ENFORCEMENT
Date: Action: Global Id: Action Type: Date:	07/24/2003 Technical Correspondence / Assistance / Other T0607100970 ENFORCEMENT 03/04/2004
Date: Action: Global Id: Action Type:	07/24/2003 Technical Correspondence / Assistance / Other T0607100970 ENFORCEMENT
Date: Action: Global Id: Action Type: Date: Action:	07/24/2003 Technical Correspondence / Assistance / Other T0607100970 ENFORCEMENT 03/04/2004 Technical Correspondence / Assistance / Other
Date: Action: Global Id: Action Type: Date: Action: Global Id:	07/24/2003 Technical Correspondence / Assistance / Other T0607100970 ENFORCEMENT 03/04/2004 Technical Correspondence / Assistance / Other T0607100970
Date: Action: Global Id: Action Type: Date: Action: Global Id: Action Type:	07/24/2003 Technical Correspondence / Assistance / Other T0607100970 ENFORCEMENT 03/04/2004 Technical Correspondence / Assistance / Other T0607100970 ENFORCEMENT
Date: Action: Global Id: Action Type: Date: Action: Global Id:	07/24/2003 Technical Correspondence / Assistance / Other T0607100970 ENFORCEMENT 03/04/2004 Technical Correspondence / Assistance / Other T0607100970

Database(s)

EDR ID Number EPA ID Number

S106152898

CH	IO LODGE MARKET (Continued)	S1061
	Global Id:	T0607100970	
	Action Type:	Other	
	Date:	08/11/1999	
	Action:	Leak Discovery	
		Educ Diodovory	
	Global Id:	T0607100970	
	Action Type:	RESPONSE	
	Date:	06/30/2004	
	Action:	Monitoring Report - Quarterly	
		wontoning report - Quarterly	
	Global Id:	T0607100970	
	Action Type:	RESPONSE	
	Date:	07/15/2004	
	Action:	Monitoring Report - Quarterly	
		T0007/00070	
	Global Id:	T0607100970	
	Action Type:	REMEDIATION	
	Date:	12/21/1999	
	Action:	Ex Situ Physical/Chemical Treatment (other than P&T, SVE, or Excavation	on)
	Global Id:	T0607100970	
		ENFORCEMENT	
	Action Type:		
	Date:	10/22/2003	
	Action:	Technical Correspondence / Assistance / Other	
	Global Id:	T0607100970	
	Action Type:	Other	
	Date:	08/11/1999	
	Action:	Leak Reported	
	Global Id:	T0607100970	
	Action Type:	ENFORCEMENT	
	Date:	08/04/2005	
	Action:	Site Visit / Inspection / Sampling	
	Global Id:	T0607100970	
	Action Type:	ENFORCEMENT	
	Date:	12/30/2004	
	Action:	Technical Correspondence / Assistance / Other	
	Global Id:	T0607100970	
	Action Type:		
		Other	
	Date:	07/30/1999	
	Action:	Leak Stopped	
	UST:		
L		T0607100070	
	Global Id:	T0607100970	
	Status:	Open - Case Begin Date	
	Status Date:	07/30/1999	
	Global Id:	T0607100970	
	Status:	Open - Site Assessment	
	Status Date:	07/30/1999	
	Global Id:	T0607100970	
	Status:	Open - Site Assessment	
	Status Date:	08/11/1999	

Database(s)

EDR ID Number EPA ID Number

ECHO LODGE MARKET (Continued)

Global Id:	T0607100970
Status:	Open - Site Assessment
Status Date:	09/01/1999
Global Id:	T0607100970
Status:	Open - Remediation
Status Date:	12/21/1999
Global Id:	T0607100970
Status:	Completed - Case Closed
Status Date:	01/11/2005

LUST REG 7:

Region:	7
Status:	7 - Remedial Action Underway
Case Num:	7T2267006
Substance:	8006619, MTB
ID:	720
Global ID:	T0607100970
Lead Agency:	Local Agency
Case Worker:	YO

S106152898

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PARKER	S104816316	US FISH & WILDLIFE-PARKER	PARKER DAM RD/HWY 62	92267	CA LUST

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
AZ	AIRS	Arizona Airs Database	Department of Environmental Quality	06/21/2023	06/22/2023	07/11/2023
AZ	AQUEOUS FOAM	Aqueous Film Forming Foam Listing	Department of Environmenatl Quality	11/14/2020	03/22/2022	04/26/2022
AZ	AQUIFER	Aguifer Protection Permits List	Department of Environmental Quality	09/28/2023	10/04/2023	10/27/2023
AZ	AST	List of Aboveground Storage Tanks	Department of Building & Fire Safety	12/05/2019	12/06/2019	01/31/2020
AZ	AST 2	Aboveground Storage Tank Listing	Department of Environmental Quality	07/31/2023	09/07/2023	11/20/2023
AZ	AUL	DEUR Database	Department of Environmental Quality	05/17/2023	05/18/2023	08/04/2023
AZ	AZ MANIFEST	Manifest Information	Department of Environmental Quality	12/31/2018	06/15/2021	09/09/2021
AZ	AZ NPL	NPL Detail Listing	Department of Environmental Quality	03/31/2023	05/25/2023	08/14/2023
AZ	AZURITE	Remediation and DEUR/VEMUR Tracking System	Department of Environmental Quality	05/17/2023	05/18/2023	08/04/2023
AZ	BROWNFIELDS	Brownfields Tracking System	Department of Environmental Quality	09/08/2022	09/09/2022	12/08/2022
AZ	CDL	Clandestine Drug Labs	Board of Technical Registration	10/28/2019	10/30/2019	12/12/2019
AZ	DOD	Department of Defense Sites	Department of Environmental Quality	03/31/2023	05/17/2023	08/04/2023
AZ	DRY WELLS	Drywell Registration	Department of Environmental Quality	06/10/2019	06/13/2019	08/20/2019
	DRYCLEANERS	Drycleaner Facility Listing	Department of Environmental Quality	06/17/2019	07/20/2020	10/07/2020
AZ	EMAP	All Places of Interest Listing	Department of Environmental Quality	09/08/2022	09/13/2022	11/28/2022
AZ	ENF	Enforcement and Violation Listing	Department of Environmental Quality	07/24/2023	07/26/2023	10/12/2023
AZ	LUST	Leaking Underground Storage Tank Listing	Department of Environmental Quality	07/13/2023	07/25/2023	09/22/2023
AZ	NPDES	Notice of Intent Construction Stormwater General Permits Dat	Department of Environmental Quality	04/25/2023	04/26/2023	07/20/2023
AZ	PFAS	PFAS Contamination Site Listing	Department of Environmental Quality	09/22/2021	05/03/2022	
AZ	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Environmental Quality		07/01/2013	01/02/2014
AZ	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Environmental Quality		07/01/2013	01/15/2014
AZ	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Department of Environmental Quality		07/01/2013	01/02/2014
AZ	SHWS	ZipAcids List	Department of Environmental Quality	01/03/2000	04/11/2000	05/16/2000
AZ	SPILLS	Hazardous Material Logbook	Department of Environmental Quality	11/15/2001	06/28/2007	07/24/2007
AZ	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	12/11/2001	01/03/2013	02/11/2013
AZ	SPL	Superfund Program List	Department of Environmental Quality	08/25/2004	04/04/2018	05/17/2018
AZ	SWF/LF	Directory of Solid Waste Facilities	Department of Environmental Quality	09/06/2023	09/28/2023	12/19/2023
AZ	SWTIRE	Solid Waste Tire Facilities	Department of Environmental Quality	11/06/2023	11/07/2023	11/14/2023
AZ	TUCSON LF	City of Tucson Landfills Listing	Tucson Department of Environmental and Genera	07/11/2022	07/13/2022	11/15/2022
AZ	UIC	Underground Injection Control Wells	Arizona Geological Survey	09/30/2015	02/05/2016	04/05/2016
AZ	UST	Underground Storage Tank Listing	Department of Environmental Quality	10/03/2023	11/15/2023	11/16/2023
AZ	VAPOR	Vapor Intrusion	Department of Environmental Quality	04/21/2021	04/22/2021	07/09/2021
AZ	VCP	Voluntary Remediation Program Sites	Department of Environmental Quality	12/21/2022	03/30/2023	06/12/2023
AZ	WQARF	Water Quality Assurance Revolving Fund Sites	Department of Environmental Quality	03/31/2023	05/24/2023	08/14/2023
AZ	WWFAC	Waste Water Treatment Facilities	Department of Environmental Quality	07/09/2012	07/23/2012	09/06/2012
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	11/28/2023	11/29/2023	12/11/2023
CA	AQUEOUS FOAM	Former Fire Training Facility Assessments Listing	State Water Resources Control Board	09/05/2023	09/06/2023	11/28/2023
US	AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing	Environmental Protection Agency	09/23/2023	10/03/2023	12/21/2023
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
US	BIOSOLIDS	ICIS-NPDES Biosolids Facility Data	Environmental Protection Agency	07/16/2023	07/18/2023	08/28/2023
CA	BROWNFIELDS	Considered Brownfieds Sites Listing	State Water Resources Control Board	09/19/2023	09/20/2023	12/08/2023
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2021	03/09/2023	03/20/2023
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2021	09/28/2023	12/18/2023
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	10/16/2023	10/17/2023	01/09/2024
CA	CERS HAZ WASTE	California Environmental Reporting System Hazardous Waste	CalEPA	10/16/2023	10/17/2023	01/09/2024

	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	10/16/2023	10/17/2023	01/09/2024
CA CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	06/01/2023	07/18/2023	10/05/2023
CA CHROME PLATING	Chrome Plating Facilities Listing	State Water Resources Control Board	09/05/2023	09/06/2023	11/27/2023
CA CIWQS	California Integrated Water Quality System	State Water Resources Control Board	08/28/2023	08/29/2023	11/13/2023
US COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2021	04/14/2023	07/10/2023
US COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2023	07/19/2023	10/10/2023
US CORRACTS	Corrective Action Report	EPA	12/04/2023	12/06/2023	12/12/2023
US DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
US DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
CA DRYCLEAN AMADOR	Amador Air District Drycleaner Facility Listing	Amador Air Quality Management District	04/26/2023	04/27/2023	07/13/2023
CA DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	08/22/2023	08/24/2023	11/07/2023
CA DRYCLEAN BAY AREA DIST	Bay Area Air Quality Management District Drycleaner Facility	Bay Area Air Quality Management District	02/20/2019	05/30/2019	05/01/2023
CA DRYCLEAN BUTTE CO DIST		Butte County Air Quality Management District	12/31/2018	04/23/2019	05/01/2023
CA DRYCLEAN CALAVERAS CO	DIST Calaveras County Environmental Management Agency Drycleaner	Calaveras County Environmental Management Age	06/17/2019	06/19/2019	05/01/2023
CA DRYCLEAN EAST KERN DIS	T Eastern Kern Air Pollution Control District District Dryclea	Eastern Kern Air Pollution Control District	01/12/2023	04/26/2023	07/14/2023
CA DRYCLEAN FEATHER RIVE	R DISTFeather River Air Quality Management District Drycleaner Fac	Feather River Air Quality Management District	03/08/2023	03/09/2023	06/05/2023
CA DRYCLEAN GLENN CO DIST	Glenn County Air Pollution Control District Drycleaner Facil	Glenn County Air Pollution Control District	05/02/2023	05/03/2023	07/25/2023
CA DRYCLEAN GRANT	Grant Recipients List	California Air Resources Board	12/31/2020	02/04/2021	05/01/2023
CA DRYCLEAN IMPERIAL CO D	IST Imperial County Air Pollution Control District Drycleaner Fa	Imperial County Air Pollution Control Distric	04/25/2023	04/26/2023	07/14/2023
CA DRYCLEAN LAKE CO DIST	Lake County Air Quality Management District Drycleaner Facil	Lake County Air Quality Management District	04/29/2019	05/07/2019	05/01/2023
CA DRYCLEAN MENDO CO DIS	T Mendocino County Air Quality Management District Drycleaner	Mendocino County Air Quality Management Distr	04/27/2023	04/28/2023	07/14/2023
CA DRYCLEAN MOJAVE DESER	RT DISTMojave Desert Air Quality Management District Drycleaner Fac	Mojave Desert Air Quality Management District	04/26/2023	04/27/2023	07/14/2023
CA DRYCLEAN MONTEREY BAY	/ DISTMonterey Bay Air Quality Management District Drycleaner Faci	Monterey Bay Air Quality Management District	04/25/2023	04/26/2023	07/14/2023
CA DRYCLEAN NO COAST UNI	IED DIStrict Coast Unified Air Quality Management District Dryclean	North Coast Unified Air Quality Management Di	11/30/2016	04/19/2019	05/01/2023
CA DRYCLEAN NO SIERRA DIS	T Northern Sierra Air Quality Management District Drycleaner F	Northern Sierra Air Quality Management Distri	05/07/2019	05/07/2019	05/01/2023
CA DRYCLEAN NO SONOMA CO	D DISTNorther Sonoma County County Air Pollution Control District	Santa Barbara County Air Pollution Control Di	04/17/2019	04/17/2019	05/01/2023
CA DRYCLEAN PLACER CO DIS	T Placer County Air Quality Management District Drycleaner Fac	Placer County Air Quality Management District	05/15/2023	05/17/2023	08/14/2023
CA DRYCLEAN SACRAMENTO	METO Destamento Metropolitan Air Quality Management DistrictDrycl	Sacramento Metropolitan Air Quality Managemen	08/15/2023	08/17/2023	10/31/2023
CA DRYCLEAN SAN DIEGO CO	DIST San Diego County Air Pollution Control District Drycleaner F	San Diego County Air Pollution Control Distri	08/08/2023	08/09/2023	10/26/2023
CA DRYCLEAN SAN JOAQ VAL	DIST San Joaquin Valley Air Pollution Control District District D	San Joaquin Valley Air Pollution Control Dist	05/24/2023	05/30/2023	08/21/2023
CA DRYCLEAN SAN LUIS OB CO	D DISTSan Luis Obispo County Air Pollution Control District Drycle	San Luis Obispo County Air Pollution Control	07/26/2023	07/27/2023	10/13/2023
CA DRYCLEAN SANTA BARB C	D DISTSanta Barbara County Air Pollution Control District Dryclean	Santa Barbara County Air Pollution Control Di	02/19/2019	04/17/2019	05/01/2023
CA DRYCLEAN SHASTA CO DIS		Shasta County Air Quality Management District	04/26/2023	04/27/2023	07/14/2023
CA DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	08/18/2023	08/18/2023	11/01/2023
CA DRYCLEAN TEHAMA CO DIS	ST Tehama County Air Pollution Control District Drycleaner Faci	Tehama County Air Pollution Control District	04/24/2019	04/24/2019	05/01/2023
CA DRYCLEAN VENTURA CO D		Ventura County Air Pollution Control District	04/16/2019	04/17/2019	05/01/2023
CA DRYCLEAN YOLO-SOLANO	DIST Yolo-Solano Air Quality Management District Drycleaner Facil	Yolo-Solano Air Quality Management District	04/25/2023	04/27/2023	07/14/2023
CA DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	08/31/2023	09/08/2023	11/27/2023
US Delisted NPL	National Priority List Deletions	EPA	09/19/2023	10/03/2023	10/19/2023
US ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	09/23/2023	10/03/2023	01/04/2024
CA EMI	Emissions Inventory Data	California Air Resources Board	12/31/2021	06/09/2023	08/30/2023
CA ENF	Enforcement Action Listing	State Water Resoruces Control Board	10/16/2023	10/17/2023	01/09/2024
US EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US ERNS	Emergency Response Notification System	National Response Center, United States Coast	09/18/2023	09/20/2023	12/11/2023

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	09/25/2023	09/26/2023	12/12/2023
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FEMA UST	Underground Storage Tank Listing	FEMA	03/08/2023	03/09/2023	05/30/2023
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	08/07/2023	08/15/2023	10/10/2023
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	08/14/2023	08/15/2023	10/19/2023
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	03/03/2023	03/03/2023	06/09/2023
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2021	07/05/2022	09/19/2022
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	09/18/2023	09/20/2023	11/14/2023
CA	HWTS	Hazardous Waste Tracking System	Department of Toxic Substances Control	08/04/2023	08/09/2023	10/26/2023
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/20/2023	05/09/2023	07/14/2023
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/20/2023	05/09/2023	07/14/2023
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	04/20/2023	05/09/2023	07/14/2023
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/14/2023	05/09/2023	07/14/2023
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/26/2023	05/09/2023	07/14/2023
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/25/2023	05/09/2023	07/14/2023
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	04/19/2023	05/09/2023	07/14/2023
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/19/2023	05/09/2023	07/14/2023
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/20/2023	05/09/2023	07/14/2023
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/20/2023	05/09/2023	07/14/2023
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	04/20/2023	05/09/2023	07/14/2023
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/14/2023	05/09/2023	07/14/2023
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/26/2023	05/09/2023	07/14/2023
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	04/25/2023	05/09/2023	07/14/2023
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	04/20/2023	05/09/2023	07/14/2023
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/19/2023	05/09/2023	07/14/2023
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	09/19/2023	10/03/2023	10/19/2023
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	09/19/2023	10/03/2023	10/19/2023
US	LUCIS	Land Use Control Information System	Department of the Navy	08/03/2023	08/07/2023	10/10/2023
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	09/05/2023	09/06/2023	11/22/2023
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
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StAcronymFull NameGovernment AgencyGov DateArvl. DateActive DCALUST REG 7Leaking Underground Storage Tank Case ListingCalifornia Regional Water Quality Control Boa02/26/200402/26/200403/24/20CALUST REG 8Leaking Underground Storage Tank ReportCalifornia Regional Water Quality Control Boa02/14/200502/15/200503/28/200CALUST REG 9Leaking Underground Storage Tank ReportCalifornia Regional Water Quality Control Board09/05/202309/06/202311/27/20CAMILITARY PRIV SITESMilitary Privatized Sites (GEOTRACKER)State Water Resources Control Board09/05/202309/06/202311/27/20CAMILTARY UST SITESMilitary UST Sites (GEOTRACKER)State Water Resources Control Board09/05/202309/06/202311/27/20USMINES MRDSMineral Resources Data SystemUSGS08/23/202211/22/202202/28/20USMINES VIOLATIONSMSHA Violation Assessment DataDOL, Mine Safety & Health Admi01/02/202309/06/202311/27/20USMLTSMaterial Licensing Tracking SystemNuclear Regulatory Commission07/20/20309/06/202311/27/20CANPDESNPDES Permits ListingState Water Resources Control Board09/05/202309/06/202311/27/20CANPLNational Priority ListEPA09/15/202309/06/202311/27/20USNPLLIENSFederal Superfund LiensEPA09/15/20308/02/20310/20/21 <t< th=""><th>Date</th></t<>	Date
CALUST REG 9Leaking Underground Storage Tank ReportCalifornia Regional Water Quality Control Boa03/01/200104/23/200105/21/20CAMILITARY PRIV SITESMilitary Privatized Sites (GEOTRACKER)State Water Resources Control Board09/05/202309/06/202311/27/20CAMILITARY UST SITESMilitary UST Sites (GEOTRACKER)State Water Resources Control Board09/05/202309/06/202311/27/20USMINES MRDSMineral Resources Data SystemUSGS08/23/202211/22/202202/28/20USMINES VIOLATIONSMSHA Violation Assessment DataDOL, Mine Safety & Health Admi01/02/202401/03/202401/04/20USMLTSMaterial Licensing Tracking SystemNuclear Regulatory Commission07/20/202309/06/202311/27/20CANON-CASE INFONon-Case Information Sites (GEOTRACKER)State Water Resources Control Board09/05/202309/06/202311/27/20CANPDESNPDES Permits ListingState Water Resources Control Board09/05/202309/06/202311/27/20USNPLNational Priority ListEPA09/19/202309/06/202310/26/20USNPL LIENSFederal Superfund LiensEPA09/19/202310/3/202410/19/20USNPL LIENSFederal Superfund LiensEPA01/15/199102/02/199403/30/19	2004
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CAMILITARY UST SITESMilitary UST Sites (GEOTRACKER)State Water Resources Control Board09/05/202309/06/202311/27/20USMINES MRDSMineral Resources Data SystemUSGS08/23/202211/22/202202/28/20USMINES VIOLATIONSMSHA Violation Assessment DataDOL, Mine Safety & Health Admi01/02/202401/03/202401/04/20USMLTSMaterial Licensing Tracking SystemNuclear Regulatory Commission07/20/202309/06/202311/27/20CANON-CASE INFONon-Case Information Sites (GEOTRACKER)State Water Resources Control Board09/05/202309/06/202311/27/20CANPDESNPDES Permits ListingState Water Resources Control Board09/05/202309/06/202311/27/20USNPLNational Priority ListEPA09/19/202310/03/202310/19/20USNPL LIENSFederal Superfund LiensEPA10/15/199102/02/199403/30/19	2023
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CA NPDES NPDES Permits Listing State Water Resources Control Board 08/07/2023 08/08/2023 10/26/20 US NPL National Priority List EPA 09/19/2023 10/03/2023 10/19/20 US NPL LIENS Federal Superfund Liens EPA 10/15/1991 02/02/1994 03/30/19	2023
US NPL National Priority List EPA 09/19/2023 10/03/2023 10/19/20 US NPL LIENS Federal Superfund Liens EPA 10/15/1991 02/02/1994 03/30/19	
US NPL LIENS Federal Superfund Liens EPA 10/15/1991 02/02/1994 03/30/19	2023
CA OTHER OIL GAS Other Oil & Gas Projects Sites (GEOTRACKER) State Water Resources Control Board 09/05/2023 09/06/2023 11/27/20	2023
US PADS PCB Activity Database System EPA 03/20/2023 04/04/2023 06/09/20	2023
US PCB TRANSFORMER PCB Transformer Registration Database Environmental Protection Agency 09/13/2019 11/06/2019 02/10/20	
US PCS Permit Compliance System EPA, Office of Water 07/14/2011 08/05/2011 09/29/20	2011
US PCS ENF Enforcement data EPA 12/31/2014 02/05/2015 03/06/20	2015
CA PFAS PFAS Contamination Site Location Listing State Water Resources Control Board 09/05/2023 09/06/2023 11/27/20	
US PFAS ATSDR PFAS Contamination Site Location Listing Department of Health & Human Services 06/24/2020 03/17/2021 11/08/20	2022
US PFAS ECHO Facilities in Industries that May Be Handling PFAS Listing Environmental Protection Agency 09/23/2023 10/03/2023 12/21/20	2023
US PFAS ECHO FIRE TRAINING Facilities in Industries that May Be Handling PFAS Listing Environmental Protection Agency 09/23/2023 10/03/2023 12/21/20	2023
US PFAS FEDERAL SITES Federal Sites PFAS Information Environmental Protection Agency 09/23/2023 10/03/2023 12/21/20	2023
US PFAS NPDES Clean Water Act Discharge Monitoring Information Environmental Protection Agency 09/23/2023 10/03/2023 01/04/20	2024
US PFAS NPL Superfund Sites with PFAS Detections Information Environmental Protection Agency 09/23/2023 10/03/2023 12/21/20	2023
US PFAS PART 139 AIRPORT All Certified Part 139 Airports PFAS Information Listing Environmental Protection Agency 09/23/2023 10/03/2023 12/21/20	2023
US PFAS RCRA MANIFEST PFAS Transfers Identified In the RCRA Database Listing Environmental Protection Agency 12/28/2023 12/28/2023 01/04/20	2024
US PFAS TRIS List of PFAS Added to the TRI Environmental Protection Agency 12/28/2023 12/28/2023 01/04/20	:024
US PFAS TSCA PFAS Manufacture and Imports Information Environmental Protection Agency 12/28/2023 12/28/2023 01/04/20	:024
US PFAS WQP Ambient Environmental Sampling for PFAS Environmental Protection Agency 09/23/2023 10/03/2023 10/10/20	2023
CA PROD WATER PONDS Produced Water Ponds Sites (GEOTRACKER) State Water Resources Control Board 09/05/2023 09/06/2023 11/27/20	:023
CA PROJECT Project Sites (GEOTRACKER) State Water Resources Control Board 09/05/2023 09/06/2023 11/27/20	:023
US PRP Potentially Responsible Parties EPA 09/19/2023 10/03/2023 10/19/20	:023
US Proposed NPL Proposed National Priority List Sites EPA 09/19/2023 10/03/2023 10/19/20	:023
US RAATS RCRA Administrative Action Tracking System EPA 04/17/1995 07/03/1995 08/07/19	995
US RADINFO Radiation Information Database Environmental Protection Agency 07/01/2019 07/01/2019 09/23/20	:019
US RCRA NonGen / NLR RCRA - Non Generators / No Longer Regulated Environmental Protection Agency 12/04/2023 12/06/2023 12/12/20	:023
US RCRA-LQG RCRA - Large Quantity Generators Environmental Protection Agency 12/04/2023 12/06/2023 12/12/20	:023
US RCRA-SQG RCRA - Small Quantity Generators Environmental Protection Agency 12/04/2023 12/06/2023 12/12/20	:023
US RCRA-TSDF RCRA - Treatment, Storage and Disposal Environmental Protection Agency 12/04/2023 12/06/2023 12/12/20	.023
US RCRA-VSQG RCRA - Very Small Quantity Generators (Formerly Conditionall Environmental Protection Agency 12/04/2023 12/06/2023 12/12/20	.023
CA RESPONSE State Response Sites Department of Toxic Substances Control 10/23/2023 10/24/2023 01/11/20	.024
CA RGA LF Recovered Government Archive Solid Waste Facilities List Department of Resources Recycling and Recover 07/01/2013 01/13/20	
CA RGA LUST Recovered Government Archive Leaking Underground Storage Tan State Water Resources Control Board 07/01/2013 12/30/20	
US RMP Risk Management Plans Environmental Protection Agency 09/01/2023 09/27/2023 12/21/20	
US ROD Records Of Decision EPA 09/19/2023 10/03/2023 10/19/20	
CA SAMPLING POINT Sampling Point ? Public Sites (GEOTRACKER) State Water Resources Control Board 09/05/2023 09/06/2023 11/27/20	.023

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	08/04/2023	08/08/2023	10/25/2023
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	07/30/2021	02/03/2023	02/10/2023
US	SEMS	Superfund Enterprise Management System	EPA	09/19/2023	10/03/2023	10/19/2023
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	09/19/2023	10/03/2023	10/19/2023
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
US	SSTS	Section 7 Tracking Systems	EPA	07/17/2023	07/18/2023	10/10/2023
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	08/07/2023	08/08/2023	10/26/2023
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2021	08/18/2023	11/07/2023
US	TSCA	Toxic Substances Control Act	EPA	12/31/2020	06/14/2022	03/24/2023
CA	UIC	UIC Listing	Deaprtment of Conservation	09/05/2023	09/06/2023	11/28/2023
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	09/05/2023	09/06/2023	11/27/2023
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	08/15/2023	08/30/2023	12/01/2023
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	08/21/2023	08/21/2023	11/07/2023
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	08/21/2023	08/21/2023	11/07/2023
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	08/21/2023	08/21/2023	11/07/2023
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	08/21/2023	08/21/2023	11/07/2023
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/01/2023	08/22/2023	11/07/2023
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	01/07/2022	02/24/2023	05/17/2023
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
CA	UST	Active UST Facilities	SWRCB	09/05/2023	09/06/2023	11/28/2023
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	08/10/2023	09/06/2023	11/28/2023
US	UXO	Unexploded Ordnance Sites	Department of Defense	09/06/2023	09/13/2023	12/11/2023
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	10/23/2023	10/24/2023	01/11/2024
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	09/05/2023	09/06/2023	11/28/2023
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	09/05/2023	09/06/2023	11/27/2023
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
СТ	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	08/07/2023	08/08/2023	10/24/2023
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	12/31/2019	11/30/2023	12/01/2023
RI	RIMANIFEST	Manifest information	Department of Environmental Management	12/31/2019	11/30/2023	02/18/2022
WI	WIMANIFEST	Manifest Information	Department of Natural Resources	05/31/2020	06/19/2019	09/03/2019
VVI	WIMANIFEST	Maniest mornation	Department of Natural Resources	05/31/2016	00/19/2019	09/03/2019
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
AZ	Daycare Centers	Sensitive Receptor: Child Care Facilities & Group Homes	Department of Health Services			

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
AZ	State Wetlands	Riparian Vegetation Associated with Perennial Waters	State Land Department			
US	Topographic Map	Current USGS 7.5 Minute Topographic Map	U.S. Geological Survey			
US	Oil/Gas Pipelines		Endeavor Business Media			
US	Electric Power Transmission Line D	lata	Endeavor Business Media			

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

ASLD SAND BAR RESORT 6400 RIVERSIDE DRIVE PARKER, AZ 85344

TARGET PROPERTY COORDINATES

Latitude (North):	34.243451 - 34° 14' 36.42''
Longitude (West):	114.17454 - 114° 10' 28.34"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	760223.2
UTM Y (Meters):	3792567.0
Elevation:	378 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50004182 CROSS ROADS, CA
Version Date:	2021
North Map:	50005332 GENE WASH, CA
Version Date:	2021

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

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

- Groundwater flow direction, and
 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.

GROUNDWATER FLOW DIRECTION INFORMATION

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

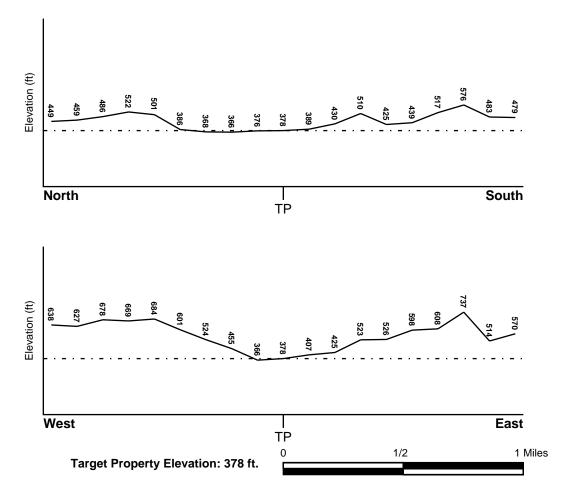
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

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.

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

Flood Plain Panel at Target Property	FEMA Source Type
06071C8575H	FEMA FIRM Flood data
Additional Panels in search area:	FEMA Source Type
06071C7850H	FEMA FIRM Flood data
NATIONAL WETLAND INVENTORY	
NWI Quad at Target Property NOT AVAILABLE	NWI Electronic <u>Data Coverage</u> YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:			
Search Radius:	1.25 miles		
Status:	Not found		

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID Not Reported LOCATION FROM TP GENERAL DIRECTION GROUNDWATER FLOW

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

GEOLOGIC AGE IDENTIFICATION

Era:	Precambrian	Category:	Metamorphic Rocks
System:	Precambrian		
Series:	Orthogneiss and paragneiss		
Code:	Xm (decoded above as Era, System &	Series)	

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:	GILMAN
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
	> 00 1101100

Depth to Bedrock Max: > 60 inches

	Soil Layer Information							
	Βοι	indary		Classi	fication			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	AASHTO Group Unified Soil		Soil Reaction (pH)	
1	0 inches	13 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 8.40 Min: 7.90	
2	13 inches	60 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	

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:	silt loam loamy fine sand fine sandy loam silty clay loam very fine sandy loam loamy sand sandy loam very gravelly - sand
Surficial Soil Types:	silt loam loamy fine sand fine sandy loam silty clay loam very fine sandy loam loamy sand sandy loam very gravelly - sand
Shallow Soil Types:	No Other Soil Types
Deeper Soil Types:	loamy sand sand clay stratified fine sand sandy clay loam gravelly - sandy loam silty clay loam extremely gravelly - coarse sand loamy very fine sand

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000059393	0 - 1/8 Mile ESE
A2	USGS40000059394	0 - 1/8 Mile ESE
A3	USGS40000059390	0 - 1/8 Mile SE
C9	USGS40000059419	1/8 - 1/4 Mile NNE
C10	USGS40000059421	1/4 - 1/2 Mile NNE
15	USGS40000128716	1/2 - 1 Mile NE
F18	USGS40000059352	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

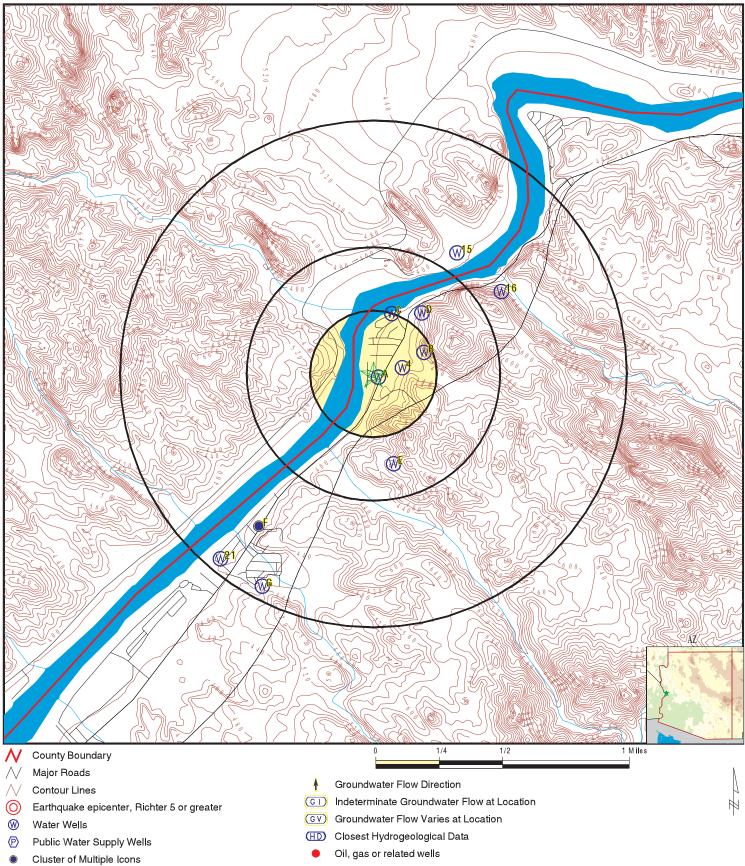
		LOCATION
MAP ID	WELL ID	FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
4	AZDWR1200207576	0 - 1/8 Mile ENE
B5	AZDWR1200172366	1/8 - 1/4 Mile ENE
B6	AZDWR1200172367	1/8 - 1/4 Mile ENE
B7	AZDWR1200172365	1/8 - 1/4 Mile ENE
B8	AZDWR1200089925	1/8 - 1/4 Mile ENE
D11	AZDWR1200156025	1/4 - 1/2 Mile NE
D12	AZDWR1200173155	1/4 - 1/2 Mile NE
E13	AZDWR1200179154	1/4 - 1/2 Mile SSE
E14	AZDWR1200179155	1/4 - 1/2 Mile SSE
16	AZDWR1200047729	1/2 - 1 Mile ENE
F17	AZDWR1200193391	1/2 - 1 Mile SW
G19	AZDWR1200043038	1/2 - 1 Mile SSW
G20	AZDWR1200044569	1/2 - 1 Mile SSW
21	AZDWR1200172761	1/2 - 1 Mile SW

PHYSICAL SETTING SOURCE MAP - 7541478.2s



ADDRESS:	INQUIRY #: DATE:	Terracon Sophie Mcdonald 7541478.2s January 16, 2024 11:41 am
	Convri	aht © 2024 FDR Inc. © 2015 TomTom Bel 2015

Map ID Direction				
Distance Elevation		Da	atabase	EDR ID Number
A1 ESE 0 - 1/8 Mile Higher		FE	ED USGS	USGS40000059393
Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Aquifer Type: Well Depth: Well Hole Depth:	USGS-AZ B-10-18 06ABC1 Not Reported Not Reported Not Reported Unconfined single aquifer 32 32	Organization Name: Type: HUC: Drainage Area Units: Contrib Drainage Area Unts Formation Type: Construction Date: Well Depth Units: Well Hole Depth Units:	Well 1503 Not F	30104 Reported Reported Reported
Ground water levels,Number of N Feet below surface: Note:	<i>l</i> leasurements: 1 13.80 The water level was affected by s	Level reading date: Feet to sea level: tage in nearby surface-water site.	Not I	5-05-25 Reported
A2 ESE 0 - 1/8 Mile Higher		FE	ED USGS	USGS40000059394
Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Aquifer Type: Well Depth: Well Hole Depth:	USGS-AZ B-10-18 06ABC3 Not Reported Not Reported Not Reported Not Reported 68 78	Organization Name: Type: HUC: Drainage Area Units: Contrib Drainage Area Unts Formation Type: Construction Date: Well Depth Units: Well Hole Depth Units:	Well 1503 Not F :: Not F Holo	S Arizona Water Science Cente 30104 Reported Reported cene Alluvium 50522
Ground water levels,Number of N Feet below surface: Note:	Neasurements: 1 14 Not Reported	Level reading date: Feet to sea level:		5-05-23 Reported
A3 SE 0 - 1/8 Mile Higher		FE	ED USGS	USGS4000059390
Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Aquifer: Well Depth: Well Hole Depth:	USGS-AZ B-10-18 06ABC2 Not Reported Not Reported Not Reported Unconfined single aquifer 35 35	Organization Name: Type: HUC: Drainage Area Units: Contrib Drainage Area Unts Formation Type: Construction Date: Well Depth Units: Well Hole Depth Units:	Well 1503 Not F	30104 Reported Reported cene Alluvium
Ground water levels,Number of N Feet below surface:	Neasurements: 1 13.47	Level reading date: Feet to sea level:		5-05-25 Reported

Note:

The water level was affected by stage in nearby surface-water site.

4 ENE 0 - 1/8 Mile Higher

- Program: Owner Name: Well Type Group: Basin Name: Application: Installed Date: Casing Type: AMA or INA: Casing Diameter (in): Pump Type: Pump Rate: Draw Down: Well Cancelled: Watershed:
- 55 BUELER JAMES LLP OTHER PARKER 01-DEC-04 Not Reported OUTSIDE OF AMA OR INA 0 Not Reported 0 0 Not Reported COLORADO RIVER

55

AZ WELLS AZDWR1200207576

Registry ID: 901358 Well Type: SPCL - GEOTECHNICAL Water Use: TEST Driller License #: 78 01-DEC-04 Approved: Well Depth (ft): 0 Water Level (ft): 0 Casing Depth (ft): 0 RGR Pump Data: NO Pump Power: Not Reported Tested Rate: 0 Completion: Not Reported Driller Log: Х

B5 ENE 1/8 - 1/4 Mile Higher

Program: Owner Name: Well Type Group: Basin Name: Application: Installed Date: Casing Type: AMA or INA: Casing Diameter (in): Pump Type: Pump Rate: Draw Down: Well Cancelled: Watershed:

ARIZONA STATE LAND DEPARTMENT NON-EXEMPT PARKER 11-JUN-82 01-JAN-61 NO CASING CODE LISTED OUTSIDE OF AMA OR INA 2 NO PUMP CODE LISTED 43 0 Not Reported COLORADO RIVER Registry ID: Well Type: Water Use: Driller License #: Approved: Well Depth (ft): Water Level (ft): Casing Depth (ft): RGR Pump Data: Pump Power: Tested Rate: Completion: Driller Log:

AZ WELLS AZDWR1200172366

628659 NON-EXEMPT RECREATION, DOMESTIC, IRRIGATION 0 Not Reported 32 0 32 NO NO POWER CODE LISTED 43 Not Reported Not Reported

B6 ENE 1/8 - 1/4 Mile Higher

Program: Owner Name: Well Type Group: Basin Name: Application: Installed Date: Casing Type: AMA or INA: Casing Diameter (in): Pump Type: 55 ARIZONA STATE LAND DEPARTMENT NON-EXEMPT PARKER 11-JUN-82 01-APR-62 NO CASING CODE LISTED OUTSIDE OF AMA OR INA 2 NO PUMP CODE LISTED Registry ID: Well Type: Water Use: Driller License #: Approved: Well Depth (ft): Water Level (ft): Casing Depth (ft): RGR Pump Data: Pump Power:

AZ WELLS AZDWR1200172367

628660 NON-EXEMPT RECREATION, DOMESTIC, IRRIGATION 0 Not Reported 35 0 35 NO NO POWER CODE LISTED

Pump Rate: Draw Down: Well Cancelled: Watershed:

B7

ENE 1/8 - 1/4 Mile Higher

Program:

Owner Name:

Basin Name:

Installed Date:

Casing Type:

AMA or INA:

Pump Type:

Pump Rate:

Draw Down:

Watershed:

1/8 - 1/4 Mile Higher

Program:

Owner Name:

Basin Name:

Installed Date:

Water Level (ft):

Casing Depth (ft):

RGR Pump Data:

Casing Type:

Pump Power:

Tested Rate:

Completion:

Driller Log:

Application:

Well Type Group:

B8 ENE

Well Cancelled:

Casing Diameter (in):

Application:

Well Type Group:

43 Not Reported COLORADO RIVER

ARIZONA STATE LAND DEPARTMENT

ARIZONA STATE LAND DEPARTMENT

ELECTRIC MOTOR 1 - 5 HP

STEEL - PERFORATED OR SLOTTED CASING

0

55

35

44

0

55

14

68

NO

30

Х

х

EXEMPT

PARKER

06-JUN-95

23-MAY-95

NON-EXEMPT

NO CASING CODE LISTED

OUTSIDE OF AMA OR INA

NO PUMP CODE LISTED

PARKER

11-JUN-82

30-JUN-57

Not Reported

COLORADO RIVER

Tested Rate: Completion: Driller Log:

Registry ID:

Well Type:

Water Use:

Approved:

Driller License #:

Well Depth (ft):

Water Level (ft):

Casing Depth (ft):

RGR Pump Data:

Pump Power:

Tested Rate:

Completion:

Driller Log:

Registry ID:

Well Type:

Water Use:

Approved:

Well Depth (ft):

AMA or INA:

Pump Type:

Pump Rate:

Draw Down:

Watershed:

Well Cancelled:

43 Not Reported Not Reported

AZ WELLS AZDWR1200172365

628658 NON-EXEMPT RECREATION, DOMESTIC, IRRIGATION 0 Not Reported 35 0 0 NO NO POWER CODE LISTED 44 Not Reported Not Reported

AZ WELLS AZDWR1200089925

550020 EXEMPT DOMESTIC 283 Not Reported 78 OUTSIDE OF AMA OR INA 7 SUBMERSIBLE 30 24 Not Reported COLORADO RIVER

C9 NNE 1/8 - 1/4 Mile I ower

> Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer:

USGS-AZ B-11-18 31DCD1 6271 ENDURO AVENUE Not Reported Not Reported Not Reported

FED USGS USGS40000059419

Organization Name: Type: HUC: Drainage Area Units: Contrib Drainage Area Unts: Formation Type:

USGS Arizona Water Science Center Well 15030104 Not Reported Not Reported Not Reported

Driller License #: Casing Diameter (in):

A quifer Tupo	Not Departed	Construction Data	1070	00000	
Aquifer Type: Well Depth:	132	Not ReportedConstruction Date:132Well Depth Units:		19790209 ft	
Well Hole Depth:	132	Well Hole Depth Units:	ft		
	152		n		
Ground water levels,Num	ber of Measurements: 2	Level reading date:	1997	1997-06-11	
Feet below surface:	6.92	Feet to sea level:	Not I	Reported	
Note:	The water level was affected by				
Level reading date:	1979-02-17	Feet below surface:	10		
Feet to sea level:	Not Reported	Note:	Not F	Reported	
C10 NNE 1/4 - 1/2 Mile Lower			FED USGS	USGS40000059421	
Organization ID:	USGS-AZ	Organization Name:	USG	S Arizona Water Science Center	
Monitor Location:	B-11-18 31DCD2	Type:	Well		
Description:	Not Reported	HUC:		80104	
Drainage Area:	Not Reported	Drainage Area Units:		Not Reported	
Contrib Drainage Area:	Not Reported	Contrib Drainage Area L			
Aquifer:	Not Reported	Formation Type:			
Aquifer Type:	Not Reported	Construction Date:			
Well Depth:	Not Reported	Well Depth Units:		Reported	
Well Hole Depth:	70	Well Hole Depth Units:	ft		
D11 NE 1/4 - 1/2 Mile			AZ WELLS	AZDWR1200156025	
Higher					
Program:	55	Registry ID:	625082		
Owner Name:	GRAHAM WATER SERVICE,	Well Type:	NON-EXE	MPT	
Well Type Group:	NON-EXEMPT	Water Use:	DOMESTIC	C	
Basin Name:	PARKER	Driller License #:	0		
Application:	11-JUN-82	Approved:	Not Report	ed	
Installed Date:	01-JAN-79	Well Depth (ft):	125		
Casing Type:	STEEL - PERFORATED OR SLOTTE	D CASING			
Water Level (ft):	10	AMA or INA:	OUTSIDE	OF AMA OR INA	
Casing Depth (ft):	125	Casing Diameter (in):	8		
RGR Pump Data:	NO	Pump Type:	NO PUMP	CODE LISTED	
Pump Power:	NO POWER CODE LISTED	Pump Rate:	0		
Tested Rate:	0	Draw Down:	0		
Completion:	Not Reported	Well Cancelled:	Not Report		
Driller Log:	Not Reported	Watershed:	COLORAD	O RIVER	
D12 NE 1/4 1/2 Mile			AZ WELLS	AZDWR1200173155	
1/4 - 1/2 Mile Higher					
Program:	55	Registry ID:	629442	107	
Owner Name:	SHUBIN,J P	Well Type:	NON-EXE	MP I	

Owner Name: Well Type Group: Basin Name: Application:

SHUBIN,J P NON-EXEMPT PARKER 02-JUL-82 Registry ID: Well Type: Water Use: Driller License #: Approved: 629442 NON-EXEMPT MUNICIPAL USES 0 Not Reported

Installed Date: Casing Type: AMA or INA: Casing Diameter (in): Pump Type: Pump Rate: Draw Down: Well Cancelled: Watershed:

E13 SSE 1/4 - 1/2 Mile Higher

Program: Owner Name: Well Type Group: Basin Name: Application: Installed Date: Casing Type: Water Level (ft): Casing Depth (ft): RGR Pump Data: Pump Power: **Tested Rate:** Completion: Driller Log:

E14 SSE 1/4 - 1/2 Mile Higher

Program: **Owner Name:** Well Type Group: Basin Name: Application: Installed Date: Casing Type: Water Level (ft): Casing Depth (ft): RGR Pump Data: Pump Power: Tested Rate: Completion: Driller Log:

Not Reported NO CASING CODE LISTED OUTSIDE OF AMA OR INA 0 NO PUMP CODE LISTED 0 0 Not Reported COLORADO RIVER

55

7

20

NO

12

55

7

20

NO

12

FOXS LANDING,

NO POWER CODE LISTED

STEEL - PERFORATED OR SLOTTED CASING

EXEMPT

PARKER

14-JUN-82

01-JAN-78

Not Reported

Not Reported

EXEMPT

PARKER

Well Depth (ft): Water Level (ft): Casing Depth (ft): RGR Pump Data: Pump Power: Tested Rate: Completion: Driller Log:

70 0 0 NO NO POWER CODE LISTED 0 Not Reported Not Reported

AZ WELLS AZDWR1200179154

647490

EXEMPT

Registry ID: Well Type: FOXS LANDING, Water Use: Driller License #: 14-JUN-82 Approved: 01-JAN-78 Well Depth (ft): STEEL - PERFORATED OR SLOTTED CASING AMA or INA: Casing Diameter (in): Pump Type: NO POWER CODE LISTED Pump Rate: Draw Down: Well Cancelled: Not Reported Not Reported Watershed:

DOMESTIC 0 Not Reported 20 OUTSIDE OF AMA OR INA 2 NO PUMP CODE LISTED 12 0 Not Reported

COLORADO RIVER

AZ WELLS AZDWR1200179155

Registry ID: 647491 Well Type: EXEMPT Water Use: DOMESTIC Driller License #: 0 Approved: Not Reported Well Depth (ft): 20 AMA or INA: OUTSIDE OF AMA OR INA Casing Diameter (in): 2 NO PUMP CODE LISTED Pump Type: Pump Rate: 12 Draw Down: 0 Well Cancelled: Not Reported COLORADO RIVER Watershed:

TC7541478.2s Page A-12

Distance Elevation			Database	EDR ID Number
15 NE 1/2 - 1 Mile Higher			FED USGS	USGS40000128716
Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Aquifer Type: Well Depth: Well Hole Depth:	USGS-AZ 002N027E20C001S Not Reported Not Reported Not Reported Not Reported Not Reported Not Reported Not Reported	Organization Name: Type: HUC: Drainage Area Units: Contrib Drainage Area U Formation Type: Construction Date: Well Depth Units: Well Hole Depth Units:	Well 1503 Not F Jnts: Not F Not F Not F Not F	S Arizona Water Science Cent 0104 Reported Reported Reported Reported Reported Reported Reported
16 ENE 1/2 - 1 Mile Higher			AZ WELLS	AZDWR1200047729
Program: Owner Name: Well Type Group: Basin Name: Application: Installed Date: Casing Type: AMA or INA: Casing Diameter (in): Pump Type: Pump Rate: Draw Down: Well Cancelled: Watershed:	55 RIVER ISLAND MARKET, EXEMPT PARKER 09-FEB-84 05-DEC-83 PLASTIC OR PVC OUTSIDE OF AMA OR INA 5 NO PUMP CODE LISTED 0 0 Not Reported COLORADO RIVER	Registry ID: Well Type: Water Use: Driller License #: Approved: Well Depth (ft): Water Level (ft): Casing Depth (ft): RGR Pump Data: Pump Power: Tested Rate: Completion: Driller Log:	507174 EXEMPT INDUSTRI/ 341 Not Reporte 86 18 86 NO NO POWEI 0 C X	
F17 SW 1/2 - 1 Mile Higher			AZ WELLS	AZDWR1200193391
Program: Owner Name: Well Type Group: Basin Name: Application: Installed Date:	55 BENNETT, GERALD, EXEMPT PARKER 09-FEB-84 31-DEC-71	Registry ID: Well Type: Water Use: Driller License #: Approved: Well Depth (ft):	801288 EXEMPT DOMESTIC 0 Not Reporte 25	

Well Depth (ft):

Casing Diameter (in):

AMA or INA:

Pump Type:

Pump Rate:

Draw Down:

Watershed:

Well Cancelled:

Installed Date:

Water Level (ft):

Casing Depth (ft):

RGR Pump Data:

Pump Power:

Tested Rate:

Completion:

Driller Log:

Casing Type:

31-DEC-71

Not Reported

Not Reported

NO POWER CODE LISTED

10

25

NO

0

STEEL - PERFORATED OR SLOTTED CASING

Not Reported COLORADO RIVER

25

12

10

0

OUTSIDE OF AMA OR INA

NO PUMP CODE LISTED

Map ID Direction				
Distance Elevation			Database	EDR ID Number
F18 SW 1/2 - 1 Mile Higher			FED USGS	USGS40000059352
Organization ID: Monitor Location: Description: Drainage Area: Contrib Drainage Area: Aquifer: Aquifer Type: Well Depth: Well Hole Depth:	USGS-AZ B-10-19 01DDA1 34013 SMOKETREE LANE Not Reported Not Reported Unconfined single aquifer 25 25	Organization Name: Type: HUC: Drainage Area Units: Contrib Drainage Area Ur Formation Type: Construction Date: Well Depth Units: Well Hole Depth Units:	Well 1503 Not F nts: Not F	S Arizona Water Science Center 0104 Reported Reported cene Alluvium
Ground water levels,Nun Feet below surface: Note:	nber of Measurements: 2 16.38 Not Reported	Level reading date: Feet to sea level:		-03-20 Reported
Level reading date: Feet to sea level:	1971-12-31 Not Reported	Feet below surface: Note:	10 Not F	Reported
G19 SSW 1/2 - 1 Mile Higher			AZ WELLS	AZDWR1200043038
Program: Owner Name: Well Type Group: Basin Name: Application: Installed Date: Casing Type: AMA or INA: Casing Diameter (in): Pump Type: Pump Rate: Draw Down: Well Cancelled: Watershed:	55 MARCHESE,A G NON-EXEMPT PARKER 28-APR-82 09-JUL-82 NO CASING CODE LISTED OUTSIDE OF AMA OR INA 0 NO PUMP CODE LISTED 0 0 Not Reported COLORADO RIVER	Registry ID: Well Type: Water Use: Driller License #: Approved: Well Depth (ft): Water Level (ft): Casing Depth (ft): RGR Pump Data: Pump Power: Tested Rate: Completion: Driller Log:	245 Not Report 89 0 0 NO	C, IRRIGATION
G20 SSW 1/2 - 1 Mile Higher			AZ WELLS	AZDWR1200044569
Program: Owner Name: Well Type Group: Basin Name: Application: Installed Date: Casing Type: Water Level (ft): Casing Depth (ft):	55 MANCHESE,A G EXEMPT PARKER 14-JUL-82 23-JUL-82 STEEL - PERFORATED OR SLOTTED C 19 70	Registry ID: Well Type: Water Use: Driller License #: Approved: Well Depth (ft): ASING AMA or INA: Casing Diameter (in):	245 Not Report 70	C, IRRIGATION ed DF AMA OR INA

RGR Pump Data: Pump Power: Tested Rate: Completion: Driller Log: NO NO POWER CODE LISTED 0 X X Pump Type: Pump Rate: Draw Down: Well Cancelled: Watershed: NO PUMP CODE LISTED 0 0 Y COLORADO RIVER

21 SW 1/2 - 1 Mile Lower

Program: Owner Name: Well Type Group: Basin Name: Application: Installed Date: Casing Type: AMA or INA: Casing Diameter (in): Pump Type: Pump Rate: Draw Down: Well Cancelled: Watershed: 55 ROADRUNNER TRAILER, NON-EXEMPT PARKER 14-JUL-82 Not Reported NO CASING CODE LISTED OUTSIDE OF AMA OR INA 0 NO PUMP CODE LISTED 0 0 Not Reported COLORADO RIVER Registry ID: Well Type: Water Use: Driller License #: Approved: Well Depth (ft): Water Level (ft): Casing Depth (ft): RGR Pump Data: Pump Power: Tested Rate: Completion: Driller Log:

NON-EXEMPT DOMESTIC 0 Not Reported 0 0 NO NO NO POWER CODE LISTED 0 Not Reported Not Reported

er License #: 0 oved: Not Re Depth (ft): 0

AZ WELLS AZDWR1200172761

629049

AREA RADON INFORMATION

State Database: AZ Radon

Radon Test Results (pCi/L)

Zip	City	Result (pCi/L)
85344 85344 85344 85344 85344 85344	BOUSE PARKER PARKER PARKER PARKER PARKER	< 0.50 < 0.50 = 0.50 = 0.60 = 0.90 = 1.20

Federal EPA Radon Zone for LA PAZ County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

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

Federal Area Radon Information for Zip Code: 85344

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.000 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

Source: FEMA Telephone: 877-336-2627 Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Riparian Vegetation Associated with Perennial Waters Source: State Land Department Telephone: 602-542-4094

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS) The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS) Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS) This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Arizona Well Registration Database Source: Department of Water Resources Telephone: 602-771-8535 The Wells database contains all wells registered in the state.

Water Well Information Agency: Department of Environmental Quality Telephone: 602-771-2300

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Source: Arizona Geological Survey

Telephone: 520-770-3500

This database contains Oil and Gas wells in the State of Arizona. Includes all wells that have been permitted by the State Oil and Gas Conservation Commission (OGCC). Gas wells include natural gas, helium, and carbon dioxide wells.

RADON

State Database: AZ Radon Source: Arizona Radiation Regulatory Agency Telephone: 602-255-4845 State Indoor Radon Survey

Area Radon Information Source: USGS Telephone: 703-356-4020 The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones Source: EPA Telephone: 703-356-4020 Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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APPENDIX E CREDENTIALS

Noelle J. Espinosa, Ph.D. Project Scientist

PROFESSIONAL EXPERIENCE

Ms. Espinosa is a Project Scientist in Terracon's Phoenix office. She has over 10 years of environmental experience and is a qualified Environmental Professional as defined in ASTM E1527. Her environmental experience includes project and staff management, proposal and cost estimate, field assessments and investigations, technical reporting, grant writing, and consulting throughout the life of a project. Ms. Espinosa has experience in conducting environmental assessment and other consulting services in Arizona, California and Nevada.

Ms. Espinosa's significant work experience includes industrial, industrial, commercial, agricultural, multifamily and telecom Phase I Environmental Site Assessments (ESAs), Limited Site Investigations (which include subsurface soil, soil vapor, and groundwater investigations, proposals preparation, health and safety plans, sampling and analysis plan and quality assurance project plans), long-term environmental monitoring projects, Asbestos and Lead-Paint Surveys, grant writing and Brownfields grant management. Ms. Espinosa received a Ph.D. in Natural Resource Management focusing on soil restoration in December 2020.

PROJECT EXPERIENCE

Brownfields Multi-Purpose Grant Management – Salt River Pima-Maricopa Indian Community

Noelle is the Project Manager for a \$800,000 Multi-Purpose grant. In this capacity, she provides grant management services to the client such as oversight of the update of the program Quality Assurance Project Plan (QAPP); management of a large asbestos survey of a former manufactured home park including preparing the Sampling and Analysis Plan (SAP) and Health and Safety Plan (HASP). She prepares Quarterly Reports and assists the client with eligibility issues, including use of funds for site cleanup.

Brownfields Cleanup Grant Application and Grant Implementation – Show Low, Arizona

Terracon has been providing Phase I/II ESA services for a former bulk oil storage facility under contract to the Arizona Department of



EDUCATION

Ph.D., Natural Resource Management, University of Arizona, Tucson. December 2020

Bachelor of Science, Environmental Science, University of Arizona, Tucson, 2013

REGISTRATIONS/ CERTIFICATIONS

Certified Building Inspector

PROFESSIONAL TRAINING

OSHA 40-hour Health & Safety Asbestos Building Inspector CPR and First Aid

AFFILIATIONS

Environmental Professionals of Arizona, Board of Education

Southern Arizona Environmental Management Society, Member (President, 2018)

Society for Ecological Restoration American Geophysical Union Soil Science Society of America

AWARDS

LightBox Prism, Developing Leader Award, 2022

Environmental Quality (ADEQ) Brownfields State Response Grant for 3 years. The site is impacted with volatile organic compounds (VOCs), primarily benzene, at concentrations greater than the Arizona Soil Remediation Levels (SRLs) and Aquifer Water Quality Standards (AWQS). Noelle prepared a FY 2022 Brownfields Cleanup grant to remediate soil and groundwater for site reuse as a civic facility. The City was awarded a \$500,000 Cleanup grant. Noelle is preparing the final Analysis of Brownfields Cleanup Alternatives (ABCA), conducting community outreach, and working closely with City officials to implement the grant. Noelle also works closely with the EPA to ensure



grant compliance, coordinates the project with the ADEQ State Response and Voluntary Remediation Program (VRP) and other relevant local regulatory authorities.

Brownfields Community-Wide Grant Application – Tolleson, Arizona

Noelle prepared the Fiscal Year 2023 Brownfields grant application for this small urban, disadvantaged community. The focus of the grant is redevelopment of the downtown area, local retail and light industrial facilities throughout the City.

Brownfields Tribal Response Program Support – Whiteriver, Arizona.

Noelle has supported the White Mountain Apache Tribe Environmental Protection Office and Community Development Corporation with several Brownfields projects conducted using the Tribe's 128(a) grant funding. Projects have included asbestos surveys, cleanup planning, site redevelopment, and site assessments. Noelle has also supported the client in leveraging additional funding sources, such as the State Response Grant, to achieve long-term project goals.

Long Term Environmental Monitoring - Arizona

<u>Huachuca City Landfill</u>: Performed the continuing quarterly explosive gas monitoring activities on the municipal landfill located in Cochise County, Arizona. Project activities include client and regulatory agency communications. Sampling and ADEQ submittals.

<u>Saginaw Hill Mine</u>: Prepared the Sampling and Analysis Plan, site safety meetings, and quarterly groundwater sampling with reporting. Project activities include managing long-term project timelines and goals, data analyses, regular updates to client and formal reporting.

Site Characterization Reports - Tucson, Arizona

Field Services: Subsurface site characterization of contaminated soils and groundwater. Project activities include concrete coring with soil and vapor intrusion sampling, hand auger soil sampling and grab sampling from soils. As a part of these projects Health and Safety Plans and Sampling and Analysis Plans are written and submitted for client or agency review and approval.

Grant Road Widening – Tucson, Arizona

Field Services: Multiple Phase I ESA's, asbestos building inspections and assisted in limited site investigations (as needed) for properties slated for acquisition by the city of Tucson for Phase II of the Grant Road Widening Project.

Phase I ESA for Industrial Warehouse Development – East and West Valley, Phoenix, Arizona

Role: Environmental Professional, ESA and Asbestos Survey (multiple).

Terracon is contracted to complete a Phase I ESA and Asbestos Surveys on former agricultural lands in the greater Phoenix area east and west valley (Mesa and Glendale, AZ areas, respectively). In many cases these projects involve evaluation of risk surrounding long-term agricultural use, equipment maintenance area and tanks pre-dating environmental regulatory oversight. Noelle ensures thorough review of the history of each site and potential for lack of documentation leading to oversight of potential environmental issues.

Environmental Services for Industrial Redevelopment - Casa Grande, Arizona



Project Management and supervision as Environmental Professional.

Terracon was contracted to complete multiple environmental services including Phase I ESA, Hazardous Building Materials Survey and an Asbestos Survey for a confidential client. The history of agricultural land at the site was extensive. However, through extensive review of historical and regulatory resources, evidence of chemical storage, mixing and or other indication of historical release were not identified. Based on Terracon's assessment Recognized Environmental Conditions (RECs) were not identified. However, asbestos in roofing materials and transite pipe was identified. Additionally, lead paint, hazardous, special and/or universal wastes such as polychlorinated biphenyls (PCBs) were identified and quantified for the client. Personnel utilized for this project had expertise in a wide variety of environmental assessments and as such were able to complete multiple environmental services in conjunction with the standard Phase I ESA. Ongoing work at the site includes regulatory compliance services (stormwater, wastewater & air).

Phase I ESA for Fast-Food Restaurant Redevelopment - Yuma, Arizona

Field Services: Terracon was contracted to complete a Phase I ESA for vacant land surrounded by commercial development in Yuma, Arizona for the purposes of redevelopment as a fast-food restaurant. Through historical research, the site was determined to have been utilized as a concrete block manufacturing facility in the 1960s that operated an underground storage tank. Regulatory records, previous assessment and/or closure/removal documentation associated with the tank was not identified. Based on historical records and incomplete regulatory records, a Limited Site Investigation was recommended to further investigate the area of the tank. Due to the client's need to expedited field services for a short due diligence period Terracon completed necessary LSI planning and safety procedures and quickly mobilized drillers and ground penetrating radar as a part of LSI services at the site. Based on the LSI, evidence of underground tanks remaining at the site was not identified.

Durham Landfill Slope Revegetation - Florence, Arizona

Environmental Professional and Field Services: Terracon was contracted by Waste Connections, Inc. to provide consulting services associated with revegetation and erosion control of a preclosure waste cell slope at the landfill. Soil samples were collected and analyzed for contaminants of concern as well as nutrients and other properties that would enable assessment and recommendations for soil management and vegetation applications. Within 6-months of the project the bare slope had growth and minimal erosion from surface rainwater run-off. Terracon continues to monitor erosion at the landfill slopes.

Air Monitoring - Arizona

Field Services: Air sampling included both sample collection in media utilizing both low flow and high flow volume samplers and direct read monitoring equipment.



Rebekah A. Wilson, R.G.

Environmental Project Manager

PROFESSIONAL EXPERIENCE

Ms. Wilson is a Project Manager and Registered Geologist for the State of Arizona, located in the Phoenix, Arizona office. Ms. Wilson is a Project Manager with 20 years of experience on a wide variety of environmental, geological, and consulting projects. Her experience includes Phase I and II Environmental Site Assessments (ESAs); asbestos/lead-based paint surveys; indoor air quality studies; underground storage tank (UST) corrective actions; drywell assessments; environmental compliance plans; permitting; soil and groundwater investigations; soil-gas surveys; risk assessments; technical report preparation; and correspondence with involved attorneys and regulatory agencies.

Ms. Wilson has completed over 1,000 Phase I and II ESAs throughout Arizona and the Western US. She has assessed a wide range of properties from a small bus stop right-of-way take to miles of land for flood control channels to thousands of acres of land for future master-planned communities. She has also assessed a wide range of facilities including agricultural farm land, residential subdivisions, finished lots, retail centers, shopping centers with dry cleaners, automotive repair and dealerships, service stations, fuel distribution centers, multi-use retail and office buildings, manufacturing facilities, industrial plants, multi-tenant industrial facilities, equipment repair and rental yards, junkyards, landfills, plating facilities, mining sites, telecommunications facilities, and potentially responsible parties for Superfund sites.

PROJECT EXPERIENCE

Phase I ESA, Building and Parking Lot, Motorola Facility, 5002 East McDowell Road, Phoenix, Maricopa County, Arizona

Key Role: Project Manager and Environmental Professional

Project Description: Phase I ESA on Building W and associated parking lot areas located at the former Motorola Facility at 5002 East McDowell Road. Building W is located on the campus associated with the Motorola 52nd Street National Priority List (NPL) Site. Responsibilities included site visit, surveys of surrounding properties, review of regulatory agency databases, and collection of historical site use information from city directories, aerial photographs, and other historical resources, and report preparation. Ms. Wilson reviewed NPL files dating back to the 1980s to determine if the Site was associated with one of the original sources of the widespread groundwater contamination associated with the NPL Site, as well as evaluated recent data to evaluate risk associated with vapor encroachment.

Environmental Site Assessments

Performed and managed numerous Phase I Environmental Site Assessments (ESA) on various facilities throughout the southwest and northwest United States. Ms. Wilson is familiar with ASTM E 1527 standards and has experience assessing Business Environmental Risks, historic recognized environmental conditions, and is knowledgeable with USTs, leaking USTs, hydraulic lifts, oil/water separator, and risks associated with former dairy and agricultural operations as well as industrial properties.

EDUCATION

Bachelor of Science, Geosciences, University of Arizona, 2003

REGISTRATIONS/ CERTIFICATIONS

Registered Geologist, Arizona #75022

PROFESSIONAL TRAINING

OSHA 40-hour Health & Safety Burrowing Owl Surveyor Training

AFFILIATIONS

Env. Professionals of Arizona

Association of Environmental and Engineering Geologists (AEG)

Arizona Geological Society

Arizona Hydrological Society

Association for Women Geoscientists



PROFESSIONAL EXPERIENCE

Sophie is an assistant scientist in the environmental department of Terracon's Phoenix, AZ office. She is responsible for completing Limited and Comprehenisve Asbestos Surveys, Asbestos Abatement Oversite, and Phase I Environmental Site Assessments (ESAs).

PROJECT EXPERIENCE

Environmental Site Assessments

Phase I ESA reports and field activities for various commercial, industrial, and undeveloped properties. Project activities include site reconnaissance, regulatory reviews, aerial and library reviews, and regulatory agency contact.

Limited & Comprehensive Asbestos Survey

Preformed limited and comprehensive asbestos surveys for various projects and clients throughout the entire Phoenix metro area, Tucson area and rural Arizona.

Asbestos Abatement Oversite

Complete oversite, daily asbestos air monitoring, and final visual and air clearances for the removal of asbestos containing materials (ACM) for various projects and clients across the state of Arizona and New Mexico.

Short Term Radon Testing

Completed extensive radon testing for a senior living center in the Phoenix Metro Area. Testing included setting up more than 200 short-term passive charcoal radon test canisters in selected areas throughout the job site and giving recommendation accordingly after results were received from an EPA accredited National Radon Measurement Proficiency lab.

Microbial Assessment and Abatement Oversite

Performed airborne fungal spore inspections and abatement oversite for various jobs across the state of Arizona. The Inspection includes a visual observation of potential mold growth, collecting air samples for fungal spores, and composing a report describing the survey, sampling methods, and the results of the air samples.



EDUCATION Bachelor of Science in Sustainability, 2020, Western Oregon University, Monmouth, OR

CERTIFICATIONS First Aid/CPR

PROFESSIONAL TRAINING AHERA Building Inspector

AHERA Contractor Supervisor

OSHA 40-hour HAZWOPER

WORK HISTORY Allan Marine Tours (2017 – 2019)

Corvallis Environmental Center Internship (Spring of 2019).

AWARDS

2018 Association of Environmental & Engineering Geologist (AEG), Best Overall Poster Award



APPENDIX F

DESCRIPTION OF TERMS AND ACRONYMS

Description
Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining). Regulatory agencies have generally defined ACM as a material containing greater that one (1) percent asbestos, however some states (e.g., California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable.
accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.
Asbestos Hazard Emergency Response Act
Aboveground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
Below Ground Surface
State and/or tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.

Term/Acronym	Description
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally Exempt Small Quantity Generators
CFR	Code of Federal Regulations
CREC	Controlled Recognized Environmental Condition is defined in ASTM E1527-21 as "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report."
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment
FRP	Fiberglass Reinforced Plastic

Term/Acronym	Description
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clean Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."
HREC	Historical Recognized Environmental Condition is defined in ASTM E1527-21 as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition."
IC/EC	A listing of sites with institutional and/or engineering controls in place. IC 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. EC 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.
ILP	Innocent Landowner/Operator Program

Term/Acronym	Description
LQG	Large Quantity Generators
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
РАСМ	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.

Term/Acronym	Description
pCi/L	picoCuries per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ('cradle to grave"). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.
RCRA CORRACTS/ TSDs	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non- CORRACTS/ TSDs	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.

Term/Acronym	Description
REC	Recognized Environmental Conditions are defined by ASTM E1527-21 as 1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment. A de minimis condition is not a recognized environmental condition.
SCL	State "CERCLIS" List (see SPL /State Priority List, below).
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small Quantity Generator
SWF/LF	State and/or Tribal database of Solid Waste/Landfill facilities. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.
ТРН	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service

Term/Acronym	Description
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-21, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.
VOC	Volatile Organic Compound
	Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The <u>Corps of Engineers Wetlands Delineation Manual</u> (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present.
Wetlands	The federal Clean Water Act which regulates "waters of the US," also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U.S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.

APPENDIX G

PREVIOUS REPORTS

Report of Phase I Environmental Site Assessment

RED ROCK RESORT & CAMPGROUND 6400 Riverside Drive Parker, AZ 85344

Prepared for Horizon Community Bank Lake Havasu City, Arizona

CONFIDENTIAL

Prepared By: TAS Environmental 30 S. Acoma Blvd #208 Lake Havasu City, AZ 86403

TAS Environmental Project No.04-0108

June 07, 2004

Sweetwater Properties LLC - 2890 S. 225 S. Jamaica Blvd, Parker, Arizona

February 12, 2002

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1.0 EXECUTIVE SUMMARY

1.1 Contract and General Scope of Work

TAS Environmental has performed a Phase I Environmental Site Assessment(ESA) for Horizon Community Bank on the property at 6400 Riverside Drive known as the Red Rock Resort. The assessment was completed in general accordance with the scope and limitations set forth in ASTM E 1527-00 and in our 'Letter of Intent' dated June 10, 2004.

The findings and recommendations contained herein are based upon the data which were reviewed and documented in this report along with our experience on similar projects. The discovery of any additional information concerning the environmental conditions at the site should be reported to us for our review so that we can reassess potential environmental impacts and modify our recommendations, if necessary.

1.2 General Property and Area Information

The property consists of approximately 9.8 +/- acres of Arizona State Leased land, is irregular in shape, and is developed as the Red Rock Resort. Bordering the west side is the Colorado River. The Resort has temporary and semi-permanent RV campsites, numerous resort type buildings, a boat storage area and a building that was used for boat manufacturing and repair.

The adjoining properties are a similar RV resort(Fox's Resort), vacant land and the Colorado River.

1.3 Summary of Findings and Conclusions

Property Concerns

The areas adjacent to the 'Boat Manufacturing and Repair Building (BMRB) has areas of contaminated soil and there were 55 gallon drums and smaller containers observed on the southwest side of the BMRB that contained manufacturing chemicals, possibly used oil, lubricants and paint thinners. There is a possibility of lead based paint, mold, and Asbestos in some of the buildings. There is a Transformer containing PCB west of the boat storage area.

In the North Boat Storage area is a vent pipe that maybe connected to a Underground tank(UST)

Offsite Concerns

No recognized environmental conditions were observed on offsite properties.

At the time of the Phase I environmental site assessment, the 'Subject' site revealed evidence of recognized potential environmental contamination affecting this site and would require a Phase II 'Intrusive Studies' investigation and Remediation.

2.0 INTRODUCTION

2.1 Purpose

The purpose of this Phase I Environmental Site Assessment is to provide an independent, professional opinion regarding environmental impacts that may have affected the property at 6400 Riverside Drive, Parker, Arizona. This report includes any observed potential impacts to this site that may have altered the site's ecology, environment, functional use, or economic value. This assessment documents visual observations and inquiry into public records only. No testing of soil, air, or water or any other matter was used to render a technical opinion except where mentioned in this report.

This Environmental Site Assessment follows the guidelines established by the American Society for Testing and Materials Standard Practice manual for the phase I environmental site assessment process, designated as ASTM E 1527-00.

This report is intended for the use of Horizon Community Bank only. Our services were performed under mutually agreed upon terms and conditions provided in TAS Environmental 'Letter of Intent'. Dissemination and use of this report by other parties without the express written consent of TAS are strictly forbidden

2.2 General Scope of Work

The objective of this environmental site assessment (ESA) is to evaluate, to the extent feasible, the "Subject" property for current and historical sources of environmental concerns, evidence of hazardous substance disposal or releases from or onto the property, evidence of environmental threats from adjacent properties, and whether further environmental testing of the property is warranted. This report meets and exceeds ASTM Standards for ESAs.

The walk-over investigation of the site was performed on June 07, 2004 by Greg Hardy and James Butcher, Senior Environmental Consultant at TAS. The assessment included a review of the Site's current and previous occupancy and operations, a visual reconnaissance of the site buildings and property, a visual review of adjacent property uses and conditions from public right-of-ways, and a review of state and federal agency database records.

In addition, the history of the Site and adjacent property uses were assessed by evaluating practical reviewable aerial photographs, Sanborn maps, city and suburban directory listings, tax records, United States Geological Survey topographical maps, and by interviewing appropriate individuals that had knowledge of the Site and surrounding area.

2.3 Limitations and Exceptions of Assessment

Professional opinions of potential environmental issues are based on information derived from site reconnaissance and from other activities described within this report. The assessment includes the ASTM suggested inquiries when conducting this assessment.

This environmental site assessment cannot wholly eliminate uncertainty regarding the potential for recognized environmental conditions concerning the 'Subject' site or adjoining properties.

Due to the additional cost needed to obtain information or that the time required to gather it could outweigh the usefulness of the information and, in fact, may be a material detriment to the orderly completion of transactions.

Not every property will require the same amount of site assessment work. Various factors will determine the appropriate level of involvement, such as the type of property being assessed, how it is used, the extent of contamination, and the amount and kind of data collected. Any one of these will determine the appropriate level of environmental site assessment and are 'Subject' to change with time. A lack of indicators at a site is not a guarantee that the site is free of potential environmental problems.

Not all inquiries will identify a significant environmental condition existing on the 'Subject' property. All environmental assessments are governed by circumstances and conditions that existed on the day of inspection ESAs, by their very nature, are limited. TAS has endeavored to meet the applicable standards of care

2.4 User Reliance

The TAS Environmental certifies and agrees that:

The inspector has no present or contemplated future interest in the property inspected.

The inspector has no personal interest in or bias with respect to the 'Subject' matter of the assessment report or the participants to the sale. This Environmental Site Assessment Report is not based in whole or in part upon the race, color, or national origin of the prospective owners or occupants of the property inspected, or upon the race, color or national origin of the present owners or occupants of the properties in the vicinity of the property inspected.

The inspector has personally inspected the property and has made an exterior inspection of all neighboring properties in the report. To the best of the inspector's knowledge and belief, all statements and information in this Site Assessment Report are true and correct, and the inspector has not knowingly withheld any significant information This request was performed for Horizon Community Bank using methods and procedures consistent with good commercial practices designed to conform with acceptable industry standards. These conclusions represent the professional judgment of the Environmental Professional based on the conclusions at the time of the assignment and the data available. Information obtained from the Client, Site Manager and there representatives are assumed to be correct and complete. Reliance on the information and conclusions presented in this assessment by other parties without the express written consent of TAS are strictly forbidden

(4) The legal description and address furnished is correct according to the information furnished to the inspectors by Horizon Community Bank.

(5) This inspection report has been made in conformity with and is subject to the requirements of the Code of Professional Ethics and Standards of Professional Conduct of the Environmental organizations with which the inspector is affiliated

(6) All conclusions and opinions concerning the 'Subject' site that are set forth in the Site Assessment Report were prepared by the inspector whose signature appears on the Assessment Report.

3.0 SITE DESCRIPTION

The walk-over investigation of the site was performed on June 07, 2004 by Greg Hardy and James Butcher, Senior Environmental Consultant at TAS. The observations noted in this section apply to the site as it appeared on the day of the assessment.

3.1 Property Location and Description

The property is located at 6400 Riverside Drive, Parker, La Paz County, AZ. The property consists of approximately 8.9 +/- acres of Arizona State Leased land. It is approximately 9 miles north of Parker, AZ along the west side of Riverside Drive. and directly northwest of the intersection of Resort Road and Riverside Drive.

The legal description of the property was provided by La Paz County Assessors Office. A copy of the legal description is in Appendix C

3.2 Current use of the property

The property is currently developed as Red Rock Resort, an RV campground and recreation park located on the Colorado River

3.3 **Property Improvements**

The property consists of approximately 8.9 +/- acres of Arizona State Leased land, it is developed as the Red Rock Resort bordering the east side of the Colorado River. The Resort has temporary and semi- permanent RV campground sites, numerous resort buildings, boat storage areas and a building that was used for boat manufacturing and repair.

3.4 Current uses of the Adjoining Property

The adjoining properties are a similar RV resort(Fox's Resort) on the north, vacant land to the east and the Colorado River to the west and south.

3.5 Site Plan

The site depicting the property borders is included in Appendix A

4.0 USER PROVIDED INFORMATION

4.1 Property Records and Environmental Liens

Review of chain-of-title information was researched by Greg Hardy of TAS Environmental at the La Paz County Tax Assessors office. It was found that the State of Arizona is the owner of the property and has been the owner since before 1940. The property was leased in 1983 to Red Rock Campground. On February 19, 2003 a new 20 year commercial lease was enter into with Red Rock Resort. The lease allowed the property to be used as a RV park, campground, store and boat storage.

No Environmental Liens were reported by the Client. The 'site manager'/leasee of the property supplied a copy of two letters from the Arizona State Land Department

The first letter dated February 28, 2002 was to Red Rock Camp Grounds in care of Rita Cucci. The letter was referencing an Environmental Inspection done on February 26, 2002 by there department. The report found ground staining around the boat repair building and stated "All petroleum stained soil must be removed from the site and disposed of in a State approved facility.

No records were found that confirm this was done.

The second letter was address to Paul Bush, present lessee and dated May 5, 2004. This letter reaffirms the demands of the first letter. It also states that the nature and extent of the soil contamination be determined, sampled, remediated and submit receipts and manifests to the Arizona State Land Department.

4.2 Property Owners, Operators and Users

The State of Arizona is the owner of the property and has been the owner since before 1940. The present lessee is Red Rock Resort and the Site Manager is Paul Bush.

4.3 Historical Review Information

Records in La Paz county have the State of Arizona as owner of the property. Records of lessees are Red Rock Resort with 'Site Manager' from 1983 to May 05, 2003 as Denna Cucci and Paul Bush from May 05, 2003 to the present. No other records were found.

February 12, 2002

5.0 REGULATORY RECORDS REVIEW

5.1 Standard Environmental Record Sources

A search of the federal and state environmental records was conducted by Environmental Data Resources, Inc. (EDR) The EDR Site Assessment Report (SAR) for the property is included in Appendix C. The SAR exceeds the regulatory records search requirements of ASTM 1527-00. There maybe discrepancies existing between the EDR report and findings by TAS Environmental's research and reconnaissance regarding the sites identified in the SAR. When discrepancies occur, the finding of TAS Environmental's site reconnaissance and other records reviewed will take precedence over information provided by EDR.

EPA National Priorities List (NPL)

* The 'Subject' property is not on the National Priorities List.
 No properties are on the National Priorities List within the list's qualifying search radius.

Comprehensive Environmental Response, Compensation, and Liability Information System(CERCLIS)

- * The 'Subject' property is not on the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list.
- * No property is on the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list and is within the list's qualifying radius. The CERCLIS list is maintained by the United States Environmental Protection Agency.

Resource Conservation and Recovery Information System (RCRA)

- * The 'Subject' property is not on the Resource Conservation and Recovery Act Treatment, Storage or Disposal Facility list.
- * No property is on the Resource Conservation and Recovery Act-Treatment, Storage or Disposal Facility List(RCRA-TSDF) and is within the qualifying radius of 1.0 mile (1.6 Km).

State Equivalent CERCLIS List (SCL)

- * The 'Subject' property is not on the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list.
- No property is on the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) list and is within the list's qualifying radius of 1.0 mile (1.6 Km). The CERCLIS list is maintained by the United States Environmental Protection Agency.
- * The 'Subject' property is not on the LUST List.
- * One property is on the LUST (leaking underground storage tank) list and within the qualifying radius. The two UST at the Circle K Store were remediated and termed 'Closed' in 1972.

Details in 'EDR Site Assessment Report' - Appendix F.

5.2 Physical Setting

Topography

TAS Environmental reviewed the 1985 USGS Parker,AZ-CA 30x60 Topographic map and the 1977 USGS Cross Roads, CA-AZ Topographic map for this assessment. The property elevation is approximately 390 feet above Mean Sea Level (MSL) with a slope to the west toward the Colorado River. The level of the river varies with the flow through from the Parker Dam. A copy of these maps can be found in Appendix A.

Groundwater Depth and Movement

Based on local topography and other physiographic information obtained, the groundwater should move to the west at an estimated depth of 10 - 15 feet. However, it is possible for the level to vary with the level of the Colorado River.

Flood Zone Map

According to the Federal Emergency Management Agency (FEMA) the property is in Zone B as depicted on FEMA Map No. 0401220017A-Appendix A

National Wetlands Map

Quad map 'Cross Roads' Not Available

5.3 Historical Use Information on the Property

The property has been developed since at least 1940. From 1983 to the present the property has been leased from the State of Arizona as a RV Resort and Campground. Prior to its current development, the property was used by the WPA to house workers and before that vacant land.

5.4 Historical Use Information on Adjoining Properties

Adjoining properties have historically contained vacant land or RV resort campgrounds.

5.5 **Prior Environmental Reports**

TAS Environmental was provided with or obtained no prior ESA's. Two letters from the Arizona State Land Department were obtained and there information documented in this report under section 4.1.

5.3 Historical Use Information on the Property

The property has been developed since at least 1940. From 1983 to the present the property has been leased from the State of Arizona as a RV Resort and Campground. Prior to its current development, the property was used by the WPA to house workers and before that vacant land.

5.4 Historical Use Information on Adjoining Properties

Adjoining properties have historically contained vacant land or RV resort campgrounds.

5.5 **Prior Environmental Reports**

TAS Environmental was provided with or obtained no prior ESA's. Two letters from the Arizona State Land Department were obtained and there information documented in this report under section 4.1.

Sweetwater Properties LLC - 2890 S. 225 S. Jamaica Blvd, Parker, Arizona

February 12, 2002

6.0 RECONNAISSANCE AND INTERVIEWS

The site visit was performed on June 07, 2004 by Greg Hardy and James Butcher, Senior Environmental Consultant at TAS. The observations noted in this section apply to the property as it appeared on the day of the assessment. A visual reconnaissance of the site property and an exterior visual review of adjacent properties and there uses were evaluated.

6.1 General Site Conditions

Sewage and Process wastewater Discharge

Sanitary sewage is discharged into multiple septic tanks. The process water from the laundry facility was discharged into separate dedicated septic systems.

Wells and Cisterns

Four wells were found on the property but only one was in use.

6.2 Environmental Conditions

Hazardous Materials and Petroleum Products

There were 55 gallon drums and smaller containers observed on the southwest side of the Boat Manufacturing and Repair Building that contained manufacturing chemicals, possibly used oil, lubricants and paint thinners.

Stained Soil or Stressed Vegetation

The area surrounding the 'Boat Manufacturing and Repair Building ' has areas of contaminated soil. One area is the past site of an aboveground 200 gallon Oil storage tank.

South of the BMRB in the area of the 55 gallon drums and pails are additional stained areas.

Referring to the Plat Map detail page , item # 7 has some stains were the Oil storage tank was located in the past. Appendix A

The Resort utility/storage building was built in 1944 and may have Lead based paint on the interior and exterior surfaces. Testing should be done on the painted areas. There are floor tiles that are cracked/broken and with the building being built prior to 1978 may contain Asbestos and should be tested.

The Bathhouse has a men's and women's bath/shower area. The women's area has been renovated within the last 2 years and shows no signs mold contamination. The men's area has not been renovated and has areas of mold contamination.

No additional Environmental Hazards were identified on the adjoining properties.

Electrical Transformers

Referring to the Plat Map and detail page, item # 12 is an old electrical Transformer seting on a small concrete pad that has a sign reading "Contains PCB". This transformer should be replaced with a new transform or a containment enclosure be built around it.

6.3 Interviews

Representative interviews were conducted with various individuals with knowledge of the property. The interviews were conducted to determine an awareness of any recognized environmental related problems or concern at the property. Information obtained from the noted individuals appears in appropriate sections of this report.

An interview was conducted on June 06, 2004 with Goerge Nault, County Assessor, at the La Paz County Tax Assessors office. Problems relating to work being done without permits and the environmental problems found by the Arizona State Land Department.

An interview was conducted on June 07, 2004 with Paul Bush, present site manager. According to this person there exist many environmental problems. In our walk around of the property these were discussed and noted for this assessment. The two letters from the Arizona State Land Department were discuss. Copy of interview documentation can be found in Appendix D of this report.

The site Manager for Red Rock Campground from 1983 to 2003 was Denna Cucci. No interview with this person was conducted. Cucci could not be located.

7.0 FINDINGS AND OPINIONS

7.1 Property

Based on our on-site visual assessment of the property numerous environmental concerns were found.

Referencing local topography and other physiographical information obtained, the ground water should move to the west at an estimated depth of 10-15 feet.

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map #0401220017A dated September 19, 1984, the property is in a Zone B.

The review of city directories, Sanborn Maps and aerial photographs was address by EDR but none were available. See Appendix C

7.2 Adjoining Properties

East of the property is vacant land and should not pose an environmental hazard at this time.

North of the property is the Fox Resort and Campground. There is a block wall between the properties which would block surface run off. No environmental concerns were observed on the Fox Resort grounds

West and south of the property is the Colorado River.

8.0 CONLUSIONS AND RECOMMENDATIONS

8.1 Conclusions

On-site environmental conditions relating to the property were identified

Based on interviews, documentation and our on-site visual assessment of the property numerous environmental concerns were found.

No Off-site environmental conditions were identified as recognized environmental conditions in connection with the Property.

No environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. Performance with ASTM Practice E 1527-00 is intended to reduce, but not eliminate uncertainty, in connection with a property

8.2 Recommendations

Evidence of recognized potential environmental contamination affecting this site requires a Phase II 'Intrusive Studies' investigation and Remediation

Based on the findings of this Phase I ESA, TAS Environmental recommends further environmental investigation at this time

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TAS ENVIRONMENTAL

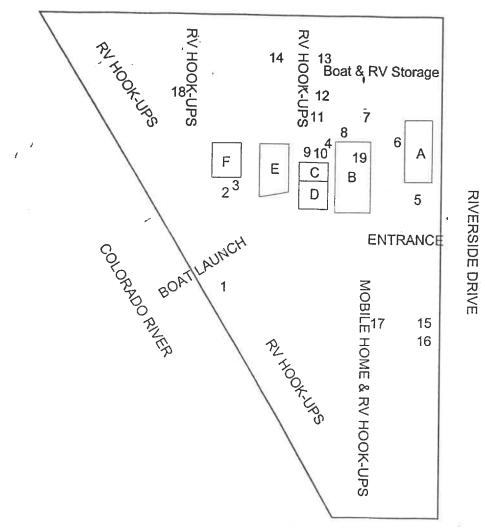
James Butcher, CEI,CTS EAA #12631.

Appendices and Attachments

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Appendix A

Property Maps and Site Plans



AZ HWY 95 & LAKE HAVASU CITY SOUTH TO AZ HWY 95 & INTO PARKER

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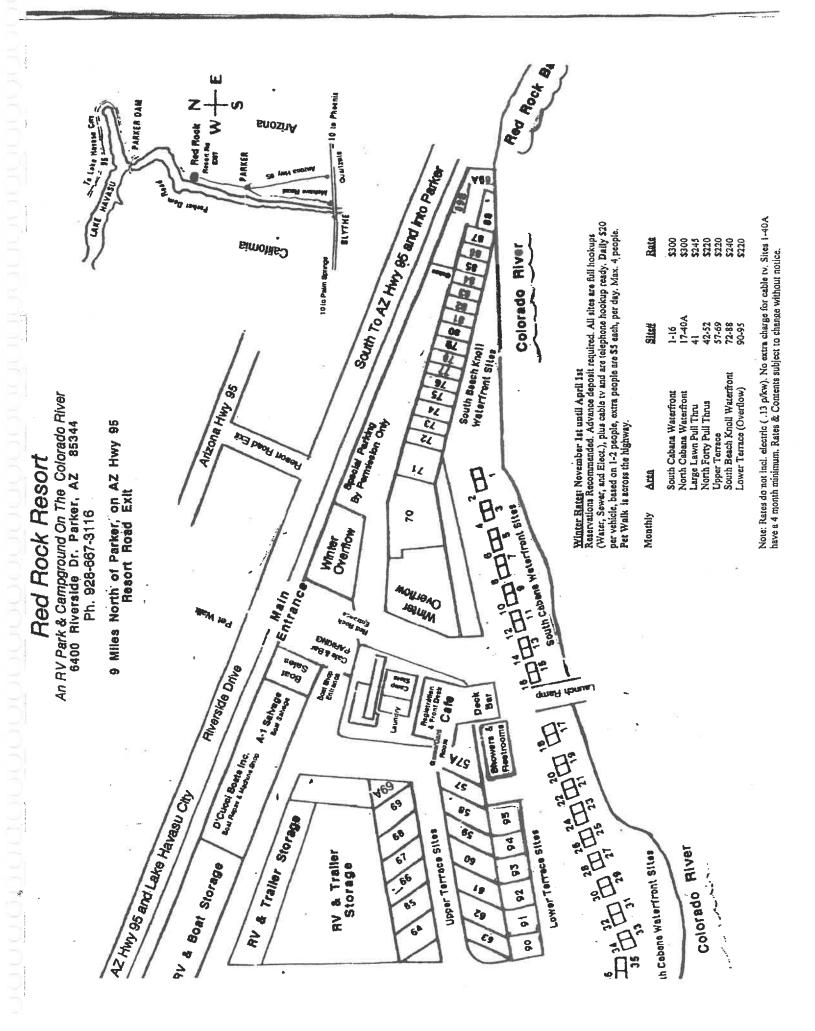
Map Key for Red Rock Resort;

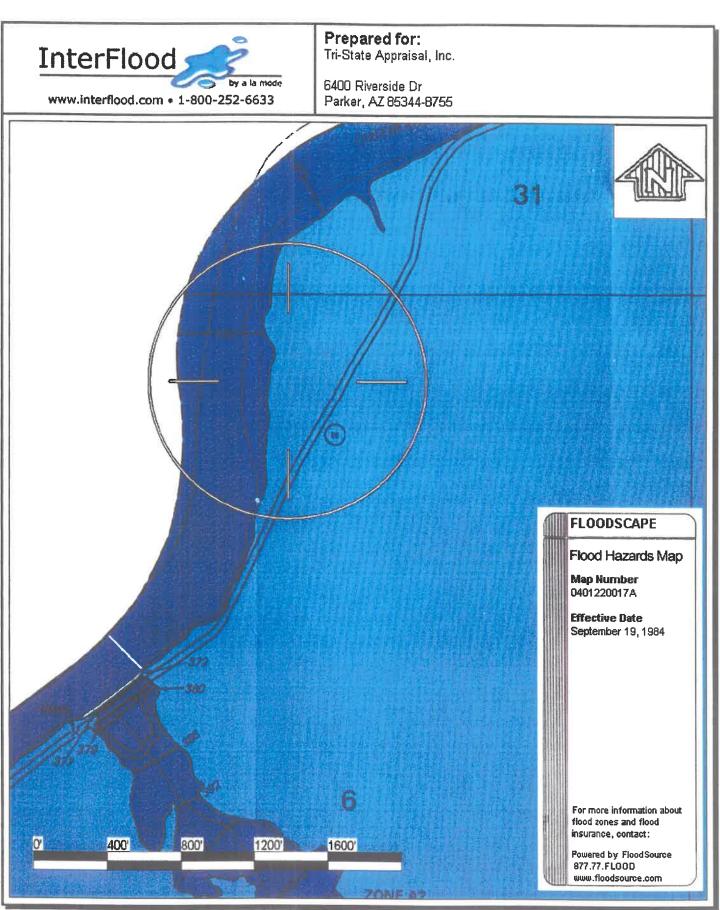
Structures:

- A. Boat Shop
- B. Fenced in Storage area
- C. Laundry
- D. Main Office
- E. Restaurant / Market
- F. Bath House / Restrooms

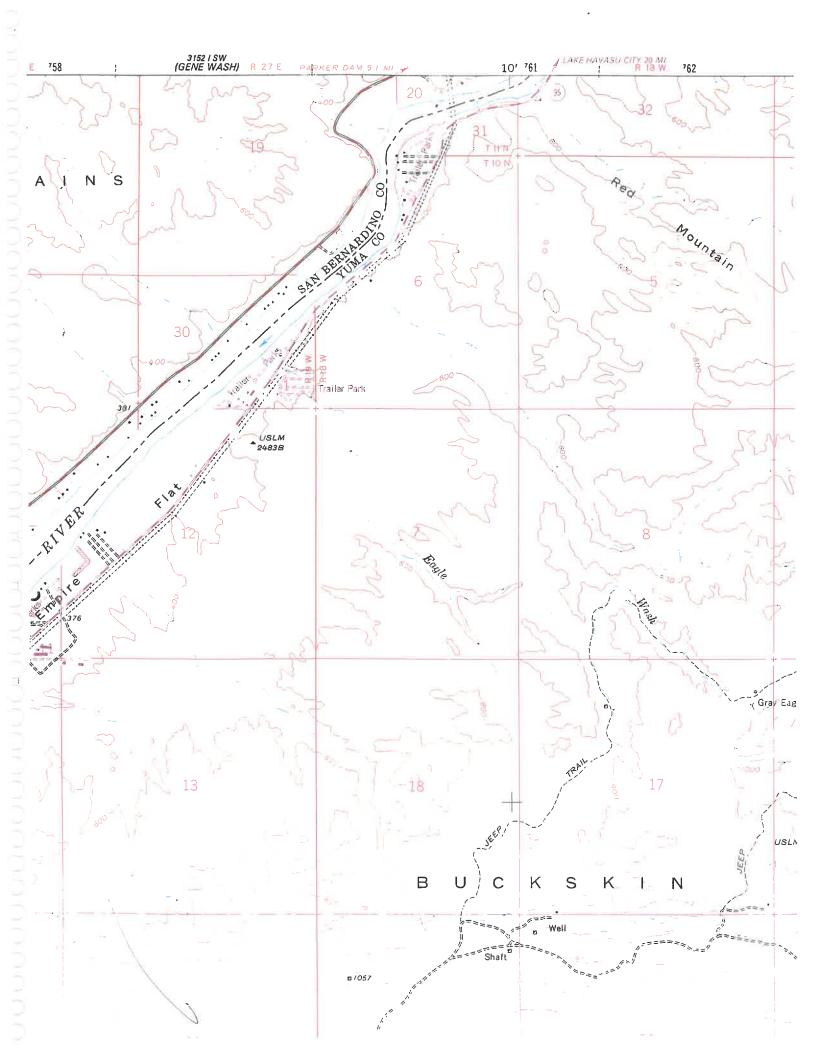
Noted Sites:

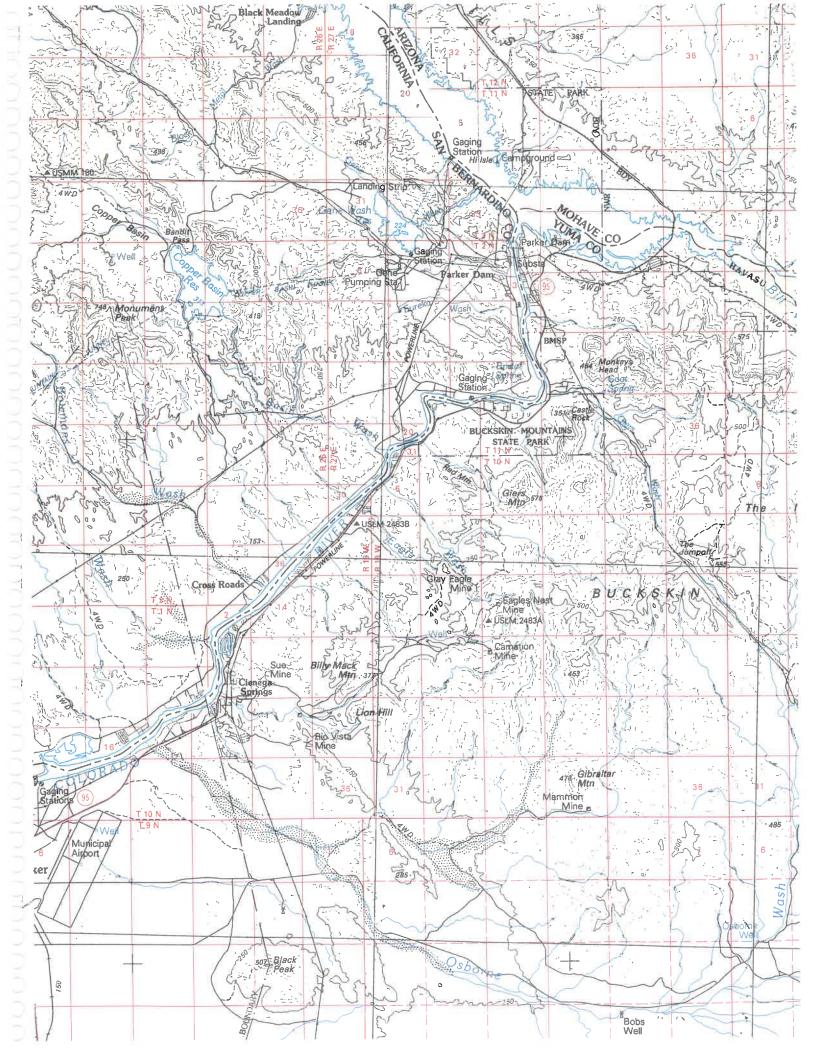
- 1. Well near river and launch ramp
- 2. Septic Tank below Restaurant (approximately 2,000 gallons according to current site manager, Mr. Bush), leach field location not known
- 3. LP Tank next to septic below restaurant
- 4. LP Tank adjacent to fenced in storage area
- 5. 55 Gallon drums being stored. One drum over half full, contents not known. Visible stained soil around drum area.
- 6. According to current site manager, this is a previous site of a 200 gallon storage tank. Visible signs of stains in soil.
- 7. Site of previous bath house and possible septic tank. Only visible sign is a concrete slab. According to site manager, this was also a temporary site of the 200 gallon above ground storage tank. This area has visible stains on soil.
- 8. Stained soil outside fenced in storage area
- 9. Septic system for restaurant
- 10. Septic system for laundry
- 11. Location of 2 septic tanks, unknown condition
- 12. Main electric box- Label reads "PCB"
- 13. PVC vent pipe sticking out of ground of unknown origin
- 14. PVC pipe sticking out of ground. Appears to be a connection point for an under tank, however, exact purpose not known.
- 15. Septic system, supposedly new
- 16. Septic system, supposedly new
- 18. New hook-ups for additional RV spaces partially installed, appear to have been Red Tagged
- 19. Three wells, only one is currently active.





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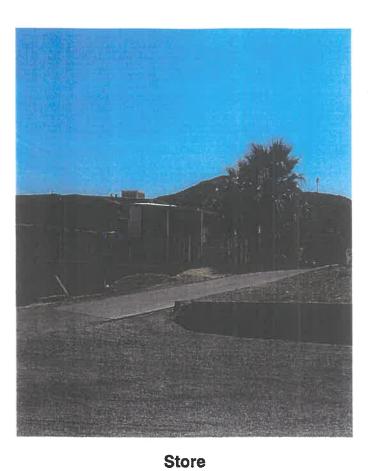


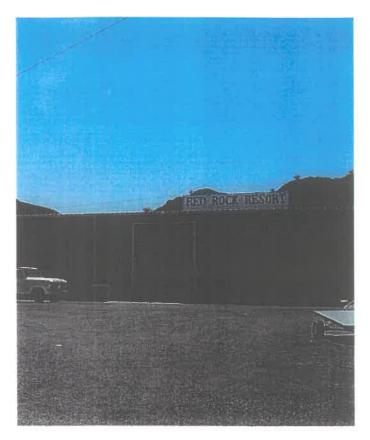
Appendix B

Property Photographs

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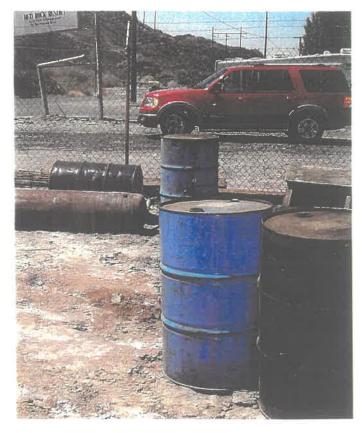






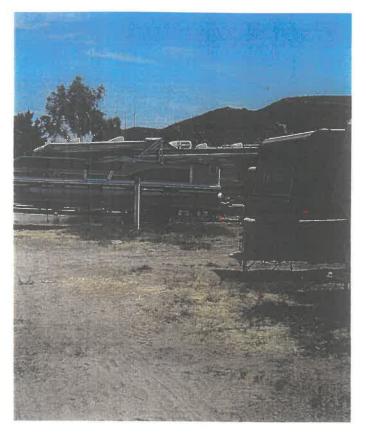
Boat Bldg

Boat Bldg Stains



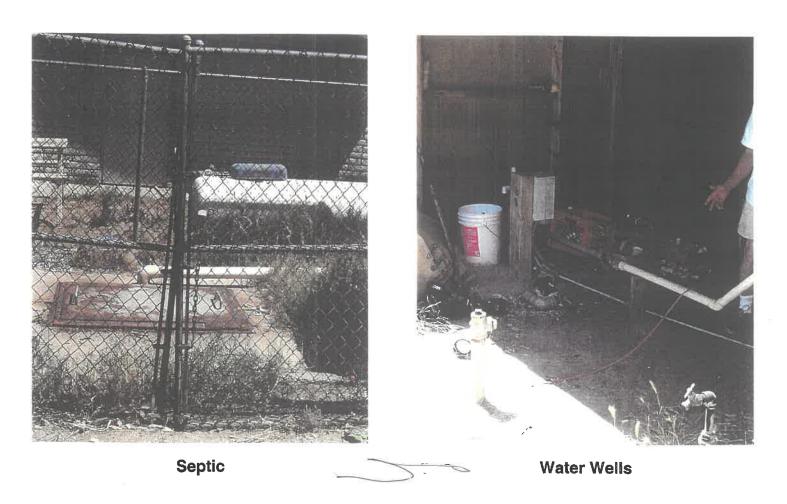
Drums





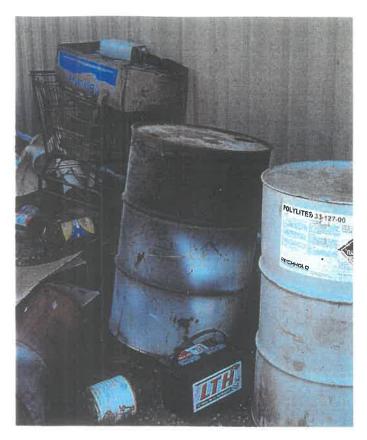
Fill Tube

Vent Pipe





Petro Drum



Old Drums



Oil Tank Stains



Elect.Transformer

Appendix C

Regulatory Records Documentation



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The EDR Radius Map with GeoCheck[®]

Red Rock Resort 6400 Riverside Dr Parker, AZ 85344

Inquiry Number: 1210402.2s

June 11, 2004

The Standard in Environmental Risk Management Information

EDR[™] Environmental

Data Resources Inc.

440 Wheelers Farms Road Milford, Connecticut 06460

Nationwide Customer Service

FORM-MER

 Telephone:
 1-800-352-0050

 Fax:
 1-800-231-6802

 Internet:
 www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report 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

6400 RIVERSIDE DR PARKER, AZ 85344

COORDINATES

 Latitude (North):
 34.24330

 Longitude (West):
 114.1738

 Universal Tranverse Mercator:
 Zone 11

 UTM X (Meters):
 760291.5

 UTM Y (Meters):
 3792552

 Elevation:
 390 ft. ab

34.243300 - 34* 14' 35.9'' 114.173800 - 114* 10' 25.7'' Zone 11 760291.9 3792552.0 390 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: Source: 34114-B2 CROSS ROADS, CA AZ 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
RCRIS-TSD	Resource Conservation and Recovery Information System
RCRIS-LQG	. Resource Conservation and Recovery Information System
RCRIS-SQG	. Resource Conservation and Recovery Information System
ERNS	. Emergency Response Notification System

STATE ASTM STANDARD

SPL...... Superfund Program List

EXECUTIVE SUMMARY

SHWS	ZipAcids List
SWF/LF	Directory of Solid Waste Facilities
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
VCP	Voluntary Remediation Program Sites

FEDERAL ASTM SUPPLEMENTAL

CONSENT	 _ Superfund (CERCLA) Consent Decrees
ROD	
	. National Priority List Deletions
	Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS	- Hazardous Materials Information Reporting System
MLTS	Material Licensing Tracking System
MINES	
NPL Liens	Federal Superfund Liens
PADS	. PCB Activity Database System
US BROWNFIELDS	A Listing of Brownfields Sites
FUDS	- Formerly Used Defense Sites
INDIAN RESERV	
DOD	_ Department of Defense Sites
	RCRA Administrative Action Tracking System
	. Toxic Chemical Release Inventory System
	- Toxic Substances Control Act
	_ 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
	. Hazardous Material Logbook
	. Department of Defense Sites
WWFAC	. Waste Water Treatment Facilities
	. Waste Water Treatment Facilities
Dry Wells	Drywell Registration
AZ AIRS	Arizona Airs Database

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas_____ Former Manufactured Gas (Coal Gas) Sites

BROWNFIELDS DATABASES

US BROWNFIELDS	A Listing of Brownfields Sites
AUL	DEUR Database
VCP	Voluntary Remediation Program Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.



The EDR-City Directory Abstract

Red Rock Resort 6400 Riverside Dr Parker, AZ 85344

June 11, 2004

Inquiry Number: 1210402-7

The Standard In Environmental Risk Management Information

440 Wheelers Farms Road Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050 Fax: 1-800-231-6802

Environmental Data Resources, Inc.

City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract 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 with 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 7.3.2, page 12.)

EDR's City Directory Abstract includes a search and abstract of available city directory data.

City Directories

City directories have been published for cities and towns across the U.S. since the 1700s. Originally a list of residents, the city directory developed into a sophisticated tool for locating individuals and businesses in a particular urban or suburban area. Twentieth century directories are generally divided into three sections: a business index, a list of resident names and addresses, and a street index. With each address, the directory lists the name of the resident or, if a business is operated from this address, the name and type of business (if unclear from the name). While city directory coverage is comprehensive for major cities, it may be spotty for rural areas and small towns. ASTM E 1527-00 specifies that a *"review of city directories (standard historical sources) at less than approximately five year intervals is not required by this practice." (ASTM E 1527-00, Section 7.3.2.1, page 12.)*

NAICS (North American Industry Classification System) Codes

NAICS is a unique, all-new system for classifying business establishments. Adopted in 1997 to replace the prior Standard Industry Classification (SIC) system, it is the system used by the statistical agencies of the United States. It is the first economic classification system to be constructed based on a single economic concept. To learn more about the background, the development and difference between NAICS and SIC, visit the following Census website: http://www.census.gov/epcd/www/naicsdev.htm.

Please call EDR Nationwide Customer Service at 1-800-352-0050 (8am-8pm EST) with questions or comments about your report. Thank you for your business!

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SUMMARY

• City Directories:

This document reports that Environmental Data Resources, Inc. (EDR) searched select national repositories of business directories, and, based on client-supplied Target Property information, business directories including the Target Property information were not deemed *reasonably ascertainable* (refer to ASTM E1527-00, Section 3.3.30) by EDR. This **No Coverage** determination reflects a search only of business directory repository collections which EDR accessed. It can not be concluded from this search that no coverage for the Target Property exists anywhere, in any collection.

NO COVERAGE

Please call EDR Nationwide Customer Service at 1-800-352-0050 (8am-8pm EST) with questions or comments about your report. *Thank you for your business!*

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The EDR Aerial Photo Decade Package



Red Rock Resort 6400 Riverside Dr Parker, AZ 85344

June 11, 2004

Inquiry Number: 1210402.5

The Source For Environmental Risk Management Data

440 Wheelers Farms Road Milford, Connecticut 06460

Nationwide Customer Service

Telephone: Fax: Internet:

1-800-352-0050 1-800-231-6802 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 photographis, 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.

This document reports that EDR searched its own collection or select outside repository collections of aerial photography, and, based on client-supplied Target Property information, aerial photography including the Target Property was not deemed *reasonably ascertainable* (refer to ASTM E1527-00, Section 3.3.30) by Environmental Data Resources, Inc. (EDR). This **No Coverage** determination reflects a search only of aerial photography repository collections which EDR accessed. It cannot be concluded from this search that no coverage for the Target Property exists anywhere, in any collection.

NO COVERAGE

Please call EDR Nationwide Customer Service at 1-800-352-0050 (8am-8pm EST) with questions or comments about this report. Thank you for your business!

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Appendix D

Interview Documentation



TAS Environmental

Div of TRI-STATE APPRAISAL, INC

Transaction Screen Questionnaire-

Description of Site: 6400 Riverside Parker, AZ

Question	Present Use	r	
1. Is the property or any adjoining property used for an industrial use?	Yes No	Unk	
2. To the best of your knowledge, has the property or any adjoining property been used for an industrial use in the past?	Yes No	Unk	
3. Is the property or any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	Yes No	Unk	
4. To the best of your knowledge has the property or any adjoining property or any adjoining property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?	Yes No	Unk	
5. Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	Yes No	Unk	
6. Are there currently, or to the best of your knowledge have there been previously, any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	Yes No	Unk	
7. Has fill dirt been brought onto the property that originated from a contaminated site or that is of an unknown origin?	Yes No	Unk	
8. Are there currently, or to the best of your knowledge have there been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes No	Unk	

st of your knowledge has there been the property?	Yes	No	Unk
ne best of your knowledge have there been aregistered storage tanks d on the property?	Yes	No	Unk
he best of your knowledge have there been ccess ways indicating a fill pipe protruding y or adjacent to any structure located on the	Yes	No	Unk
the best of your knowledge have there been a, or walls located within the facility that are n water or are emitting foul odors?	Yes	No	Unk
a private well or non-public water system, ied in the well or system that exceed ter system or has the well been designated ment environmental/health agency?	Yes	No	Unk
nt of the property have any knowledge of mental notification relating to past or mental laws with respect to the property roperty?	Yes	No	Unk
t of the property been informed of the past ous substances or petroleum products or respect to the property or any facility	Yes	No	Unk
nt of the property have any knowledge of nent of the property or facility that indicated stances or petroleum products on, or or recommended further assessment of the	Yes	No	Unk
nt of the property know of any past s or administrative proceedings concerning of any hazardous substance or petroleum y by any owner or occupant of the property?	Yes	No	Unk
ge waste water on or adjacent to the property anitary sewer system?	Yes	No	Unk
edge, have any hazardous substances or ed waste materials, tires, automotive or r waste materials been dumped above	Yes	No	Unk

30 S. Acoma Blvd Ste 208, Lake Havasu City, AZ 86405 520-680-6766 . Fax 520-453-6149 20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?

21. Are there any pending, threatened, or past litigation, administrative proceedings, or notices from any governmental entity relevant to hazardous substances or petroleum products in, on, or from the property.

Yes	No	Unk
Yes	No	Unk

User represents that to the best of the user's knowledge the above statements and facts are true and correct and to the best of the user's actual knowledge no material facts have been suppressed or misstated.

Name of User: TREOTROCK CAMPLOUNCS IN C. Address: <u>6400 ROD ST</u>City produce ST Phone number. <u>926.667 3114</u>

This questionnaire was completed by: James Butcher CEI of TAS Environmental

> 30 S. Acoma Blvd Ste 208, Lake Havasu City, AZ 86405 520-680-6766 . Fax 520-453-6149

ENVIRONMENTAL ENVIRONMENTAL Assessment Association ENVIRONMENTAL INSPECTION REPORT TRANSACTION SCREEN PROCESS INSPECTION DATA Property Address G400 Riverside Drive City Pac Ker County La Paz State Az Zip B5344 Legal Description See Appendix "C" in report Property is Vacant; Improved; Occupied, by Whom Red Rock Resort Phone 928-667-3116
Property Address <u>6400 Riverside Drive</u> City <u>Parker</u> County <u>La Paz</u> State <u>Az</u> Zip <u>85344</u> Legal Description <u>See Appendix "C" in report</u> Property is Quant; Mimproved; Occupied, by Whom <u>Red Rock Resort</u>
Prepared For <u>Horizon</u> <u>Community</u> <u>Bank</u> Company <u>TAS Environent</u> Title <u>Environmental Prof</u> Environmental Inspector <u>James Butcher</u> Date 6-7-04 Company Address <u>30 S. Acoma Blvd. Suite 208</u> City <u>Lake Havasu City</u> County <u>Mohave</u> State <u>Az</u> <u>Zip</u> <u>86403</u> Phone <u>928-680-6766</u> Fax <u>928-453-6149</u> E-mail info@tristate appraisal.com
 Is the property or any adjoining property used for an industrial use? Owner: Yes Yes Yes Yes Yes Yes No Yes No Yes No Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
use in the past? Owner: Yes No Unknown Occupants (if applicable): Yes No Unknown Observed During Site Visit: Yes No Unknown
 3. Is the property or any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing or recycling facility? Owner: Yes No Unknown Occupants (if applicable): Yes No Unknown Observed During Site Visit: Yes No Unknown
 4. To the best of your knowledge has the property or any adjoing property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? Owner: Yes No Unknown Occupants (if applicable): Yes No Unknown
Observed During Site Visit: X Yes I No I Unknown LAND ISSUES 5. Are there currently, or to the best of your knowledge have there been previously, any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of greater than 5 gal. (19L) in volume or 50 gal. (190L) in aggregate, stored on or used at the property or at the facility?
Owner: Yes No Unknown Occupants (if applicable): Yes No Unknown Observed During Site Visit Yes No Unknown 6. Are there currently, or to the best of your knowledge have there been previously, any industrial drums (typically 55 gal. (208L) or sacks of chemicals located on the property or at the facility?
Owner: Yes No Unknown Occupants (if applicable): Yes No Unknown Observed During Site Visit: Yes No Unknown

-

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	aknown origin?
	Owner: 🗅 Yes 🗆 No 🗔 Unknown Occupants (if applicable): 🗅 Yes 🗔 No 🗔 Unknown Observed During Site Visit: 🗅 Yes 🗔 No 🎘 Unknown
	e there currently, or to the best of your knowledge have there been previously, any pits, ponds, or goons located on the property in connection with waste treatment or waste disposal?
	Owner: 🗅 Yes 🗅 No 🗇 Unknown Occupants (if applicable): 🗅 Yes 🗅 No 🗅 Unknown Observed During Site Visit: 🗅 Yes 🏹 No 🗅 Unknown
9. ls p	there currently, or to the best of your knowledge has there been previously, any stained soil on the roperty?
	Owner: I Yes I No I Unknown Occupants (if applicable): I Yes I No I Unknown Observed During Site Visit: Xes I No I Unknown
10. A u	re there currently, or to the best of your knowledge have there been previously, any registered or nregistered storage tanks (above or underground) located on the property?
	Owner: I Yes I No I Unknown Occupants (if applicable): I Yes I No I Unknown Observed During Site Visit: Yes I No I Unknown
pi	re there currently, or to the best of your knowledge have there been previously, any vent pipes, fill pes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent t by structure located on the property?
	Owner: 🗅 Yes 🗅 No 🗅 Unknown Occupants (if applicable): 🗅 Yes 🗅 No 🗅 Unknown Observed During Site Visit: 🌠 Yes 🗅 No 🗅 Unknown
STRL	ICTURE ISSUES
01	re there currently, or to the best of your knowledge have there been previously, any flooring, drain walls located within the facility that are stained by substances other than water or are emitting ul odors?
	Owner: 🗆 Yes 🗔 No 🗔 Unknown Occupants (if applicable): 🗅 Yes 🗔 No 🗔 Unknown Observed During Site Visit: 🖸 Yes 🏹 No 🗔 Unknown
OTHE	ER ISSUES
10.14	the property is served by a private well or non-nublic water system, have contaminants been
id	the property is served by a private well or non-public water system, have contaminants been entified in the well or system that exceed guidelines applicable to the water system or has the well een designated as contaminated by any government environmental/health agency?
id	entified in the well or system that exceed guidelines applicable to the water system or has the well
id be	entified in the well or system that exceed guidelines applicable to the water system or has the well een designated as contaminated by any government environmental/health agency? Owner: I Yes I No I Unknown Observed During Site Visit: I Yes I No X Unknown
id b4 14. D4	entified in the well or system that exceed guidelines applicable to the water system or has the well een designated as contaminated by any government environmental/health agency? Owner: I Yes I No I Unknown Occupants (if applicable): I Yes I No I Unknown
id b4 14. D4	entified in the well or system that exceed guidelines applicable to the water system or has the well een designated as contaminated by any government environmental/health agency? Owner: Yes Observed During Site Visit: Yes No Observed During Site Visit: Yes No Observed During Site Visit: Yes No Observed No Observed During Site Visit: Yes No Observed No No Observed No No Observed No No No No No No No No No No No No No
id bo 14. Do go to 15. Hi hi	entified in the well or system that exceed guidelines applicable to the water system or has the well een designated as contaminated by any government environmental/health agency? Owner: Yes Observed During Site Visit: Yes Owner or occupant of the property have any knowledge of environmental liens or overnmental notification relating to past or recurrent violations of environmental laws with respect the property or any facility located on the property? Owner: Yes Owner: Yes No Unknown

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	onmental site a	
of the property or facility that indicated the presence of hazardous substances on, or contamination of, the property or recommended further assessment of		pr
Owner: I Yes I No I Unknown Occupants (if applicable): I Yes Observed During Site Visit: Yes I No I Unknown		nov
17. Does the owner or occupant of the property know of any past, threatened, or	oonding lowen	ite
administrative proceedings concerning a release or threatened release of any petroleum products involving the property by any owner or occupant of the p	hazardous sul	
Owner: 🗆 Yes 🗆 No 🗅 Unknown Occupants (if applicable): 🗅 Yes Observed During Site Visit: 🗅 Yes 🗅 No 🎾 Unknown	🗅 No 🗅 Unk	no۱
18. Does the system discharge waste water on or adjacent to the property other the sanitary sewer system?	1an storm wat	er
• Owner: I Yes I No I Unknown Occupants (if applicable): I Yes Observed During Site Visit: I Yes No I Unknown		nov
10 To the best of your byourlades, have any borondays as beta as a structure	modurete	
19. To the best of your knowledge, have any hazardous substances or petroleum p waste materials, tires, automotive or industrial batteries or any other waste n above grade, buried and/or burned on the property?		
Owner: I Yes I No I Unknown Occupants (if applicable): I Yes Observed During Site Visit: I Yes I No X Unknown	🗆 No 🖵 Unk	nov
20. Is there a transformer, capacitor, or any hydraulic equipment for which there indicating the presence of PCB's?	e are any recor	·ds
Owner: 🖸 Yes 🗖 No 🗖 Unknown Occupants (if applicable): 🖵 Yes Observed During Site Visit: 🏹 Yes 📮 No 📮 Unknown	🗅 No 🗅 Unk	nov
21. Do any of the following Federal government record systems list the property of the circumference of the area noted below:	or any proper	ty v
the circumference of the area noted below:	or any proper	-
the circumference of the area noted below:	🗆 Yes 🔌	No
the circumference of the area noted below: National Priorities List - within 1.0 mile (1.6Km)	🗆 Yes 🔌	No No
the circumference of the area noted below: National Priorities List - within 1.0 mile (1.6Km) CERCLIS List - within 0.5 mile (0.8Km)	🗆 Yes 🔌	No No
the circumference of the area noted below: National Priorities List - within 1.0 mile (1.6Km) CERCLIS List - within 0.5 mile (0.8Km)	□ Yes 🏹 □ Yes 🕅	No No
the circumference of the area noted below: National Priorities List - within 1.0 mile (1.6Km)	I Yes X I Yes X Yes X or any proper	No No
the circumference of the area noted below: National Priorities List - within 1.0 mile (1.6Km)	□ Yes 🔌 □ Yes 🔌 □ Yes 🛠 or any proper □ Yes	No No No
 the circumference of the area noted below: National Priorities List - within 1.0 mile (1.6Km)	□ Yes 🔌 □ Yes 🔌 : □ Yes 🗭 or any proper □ Yes 5 (0.8Km)?	No No No

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O No or consultation with the local fire department serving the property, all specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property? COMMENTS For #23 see appendix "(" in report 6-22-04 Preparer represents that the best of the preparer's knowledge the above statements and facts are true and correct, and to the best of the preparer's actual knowledge, no material facts have been suppressed or misstated. 6-22-04 Environmental Inspedior's Signature EAA Member # Date Pg. 4 of 4

Appendix E

Environmental Professional Certifications and Qualifications

TAS Environmental

PROFESSIONAL EXPERIENCE

James W. Butcher 2431 Tovar Lane Lake Havasu City, AZ 86403

 Phone:
 (520) 680-6766 (work)

 Fax:
 (520) 453-6149

 Internet:
 tristateappraisal.com

Email...jimb@tristateappraisal.com

Designations:

Certified Environmental Inspector, CEI #12631(EAA) Certified Testing Specialist, CTS #12631(EAA) Arizona State Appreisal License, CREA #10271 Phase I Instructor (#AA) Asbestos AHERA/Contractor/Supervisor #D1151

Education:

University of Akron , University of New York The Asbestos Institute

Professional/Technical Courses:

Phase I Environmental Inspections Arizona Law Environmental Risk Management HUD 203(k) Inspections Lead Inspection Course(Illinois State certified) Lead Instructors Training/Course, EAA RMD'S LPA-1 Lead Paint Inspection System (Radiation Safety) FHLMC COLLATERAL ASSESSMENT AHERA Contractor/Supervisor-The Asbestos Institute

Employment History:

NORTON CO., Chemical Process product Div. Akron, Ohio Chemical Engineer/Environmental Specialist June 1964 to May 1971

VIRON Corporation Chicago, III. Environmental Engineer June 1971 to 1980

Advanced Technologies President West Covina CA September 1980 to February 1992

TAS Environmental

Tri-State Appraisal, Inc 2039 Swanson Ave Lake Havasu City, AZ 86403 President/Fee Appraiser February 1992 to Present

Environmental Inspector Certified Testing Specialist Asbestos Contractor/Supervisor

Area Offices:

- * 30 S. Acoma Blvd, Ste 208 Lake Havasu City,AZ 86403 (520) 680-6766
- * 9630 N. 25th Ave #125 Phoenix, AZ 85344 (602) 944-6955

Resources:

Vista Data ERA Environmental Information property information

Lake Havasu, Bullhead & Kingman Multiple Listing Services California Market Data Cooperative (CMDC) for Residential and Income Properties

Insurance:

Errors and Omissions St. Paul Fire and Marine Insurance Co. Coverage: \$1,000,000.00 Policy #506JA-407B-A

Assessments:

 Colton Manufacturing Facility, Colton CA Portableacher, Inc Mark IV Development - Pinecrest Subdivision, Williams AZ Ebert & Reborn - Capri Plaza, Lake Havasu City AZ - Gleneagles, Lake Havasu City AZ Samaritan Foundation Mohave Pizza/Pizza Hut - Parker Body, Parker AZ **Hillcrest Park Builders** - Hillcrest Park Builders Subdivision, Bullhead AZ MAK International Group - Kingman Animal Hospital, Kingman AZ - Commander Industrial area, Lake Havasu City AZ **Business Loan Center** Ghirardelli, Inc - Telesis Center for Learning, Lake Havasu City AZ Caldwell-Banker Realty - Westech Industrial, Kingman AZ - International Wholesale Supply, Inc Lake Havasu City AZ Katherine Portz Lewis Industrial Business Park, Lake Havasu City AZ Amber Capitol, Inc -- Telesis Center for Learning, Lake Havasu City, AZ Telesis Academy Easy Street Industrial Building, Bullhead Az Sun Desert Realty - Chevron Service Station, Lake Havasu City Az Coldwell Banker Comm Bodyline Auto Shop,LHC - Bodyline Auto Shop, Bullhead AZ - Havasu Storage, Lake Havasu City, AZ Joanna & Associates Horizon Community Bank - Neighbors Texaco, Lake Havasu City, AZ Horizon Community Bank - Paradise RV Park, Quartzite Horizon Community Bank - Kiowa Drive Thru, Lake Havasu City Doc Service Facility, Bullhead City Mohave State Bank -Mohave State Bank -Sharps Service Center, Bullhead City Q-Lube Service Center, Kingman MBA Associates State Line Tire, Parker Tire Mart KMART – Kingman, AZ Wells Fargo Bank

TAS_JB_R

February 12, 2002

Appendix F EDR Site Assessment Report

The EDR Radius Map with GeoCheck[®]

Red Rock Resort 6400 Riverside Dr Parker, AZ 85344

Inquiry Number: 1210402.2s

June 11, 2004

The Standard in Environmental Risk Management Information

EDR[™] Environmental

Data Resources Inc

440 Wheelers Farms Road Milford, Connecticut 06460

Nationwide Customer Service

 Telephone:
 1-800-352-0050

 Fax:
 1-800-231-6802

 Internet:
 www.edrnet.com

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

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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

6400 RIVERSIDE DR PARKER, AZ 85344

COORDINATES

 Latitude (North):
 34.243300 - 34* 14' 35.9"

 Longitude (West):
 114.173800 - 114* 10' 25.7"

 Universal Tranverse Mercator:
 Zone 11

 UTM X (Meters):
 760291.9

 UTM Y (Meters):
 3792552.0

 Elevation:
 390 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: Source: 34114-B2 CROSS ROADS, CA AZ 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	
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
	. Corrective Action Report
RCRIS-TSD	Resource Conservation and Recovery Information System
RCRIS-LQG	Resource Conservation and Recovery Information System
RCRIS-SQG	Resource Conservation and Recovery Information System
ERNS	

STATE ASTM STANDARD

SPL..... Superfund Program List

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

FEDERAL ASTM SUPPLEMENTAL

CONSENT	Superfund (CERCLA) Consent Decrees
ROD	
	. National Priority List Deletions
	Facility Index System/Facility Identification Initiative Program Summary Report
	. Hazardous Materials Information Reporting System
MLTS.	Material Licensing Tracking System
MINES	
NPL Liens	Federal Superfund Liens
PADS.	. PCB Activity Database System
	A Listing of Brownfields Sites
FUDS	. Formerly Used Defense Sites
INDIAN RESERV	Indian Reservations
DOD	_ Department of Defense Sites
RAATS	RCRA Administrative Action Tracking System
TRIS	Toxic Chemical Release Inventory System
TSCA.	. Toxic Substances Control Act
	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
Dry Wells	Drywell Registration
AZ AIRS	

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas...... Former Manufactured Gas (Coal Gas) Sites

BROWNFIELDS DATABASES

US BROWNFIELDS	A Listing of Brownfields Sites
AUL	
VCP	Voluntary Remediation Program Sites

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

TC1210402.2s EXECUTIVE SUMMARY 2

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

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

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

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

STATE ASTM STANDARD

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

A review of the LUST list, as provided by EDR, and dated 02/01/2004 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
CIRCLE K STORE #2700742	49600 HWY 95	1/4 - 1/2 SW	1	6

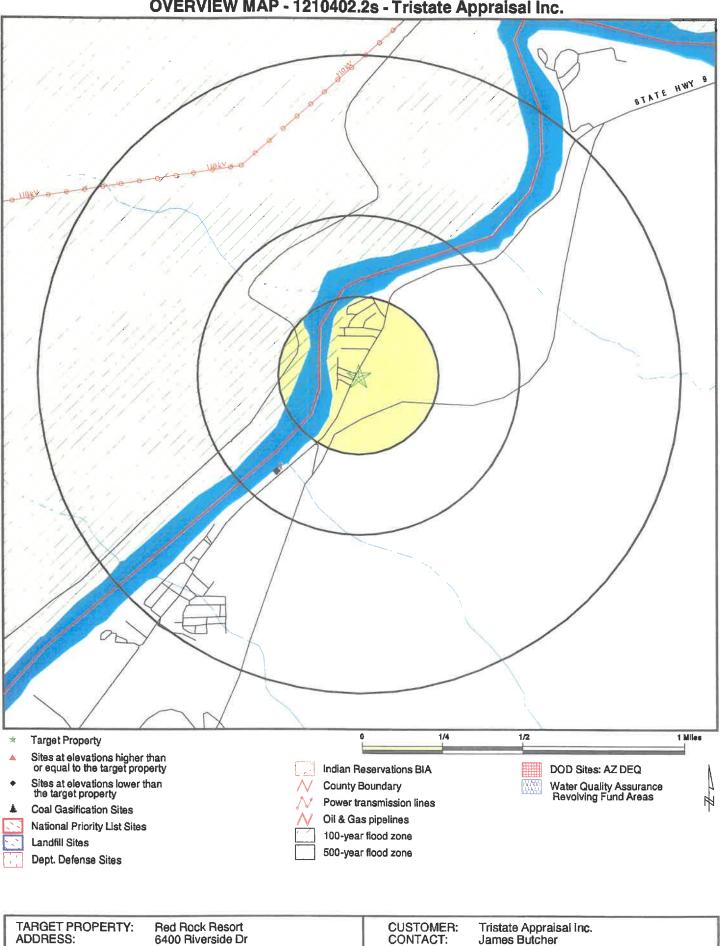
Due to poor or inadequate address information, the following sites were not mapped:

Site Name

C.R.I.T. AUTO SHOP **ROLANCO FARMS** COLORADO RIVER AGENCY/BIA AG AVI SUQUILLA AIRPORT, AKA C.R.I.T. 🖕 ADOT - PARKER PARKER IHS HOSPITAL PARKER CONSTRUCTION FIELD OFFICE HEAD START SCHOOL FRANK ELLIS MARINE **C & H ENTERPRISES** KAMBUROFF, JOHN, INC. WQ-PARKER/CIENGA SPRINGS PCE PLANTATION MINI MART **CRIT PARKER PESTICIDES** PARKER DUMPSITE LA PAZ COUNTY - PARKER TRANSFER ST **RIVER BREEZE RV PARK** LA PAZ COUNTY - MAIN LANDFILL ARIZONA STATE PARKS - BUCKSKIN MOU VERDE WEST RV PARK BUCKSKIN SANITARY DISTRICT - WWTP HAVASU SPRINGS RESORT LIL MIKE'S SERVICE CENTER US FISH & WILDLIFE-PARKER **BRANSON'S RESORT** LI'L MIKE'S # 2 **BIG BEND RESORT** SB CO PARKER DAM FIRE STA #21 HAVASU SPRINGS RESORT CONSOLIDATED WATER UTILITIES LTD ADOT MATERIALS TESTING LAB TANNER COMPANIES PARKER DAM SUBSTATION HAVASU SPRINGS RESORT

Database(s) INDIAN LUST, INDIAN UST INDIAN UST INDIAN UST INDIAN UST INDIAN LUST, INDIAN UST INDIAN UST INDIAN UST INDIAN LUST, INDIAN UST INDIAN LUST, INDIAN UST SHWS SHWS SHWS SHWS CERCLIS, FINDS **CERC-NFRAP** SWF/LF WWFAC WWFAC, AZ AIRS **WWFAC** WWFAC **WWFAC** LUST UST, LUST Cortese, LUST LUST UST, LUST UST, LUST, San Bern. Co. Permit LUST UST UST RCRIS-SQG, FINDS RCRIS-SQG, FINDS San Bern. Co. Permit Aquifer

OVERVIEW MAP - 1210402.2s - Tristate Appraisal Inc.



INQUIRY #:

DATE:

1210402.2s

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June 11, 2004 12:51 pm

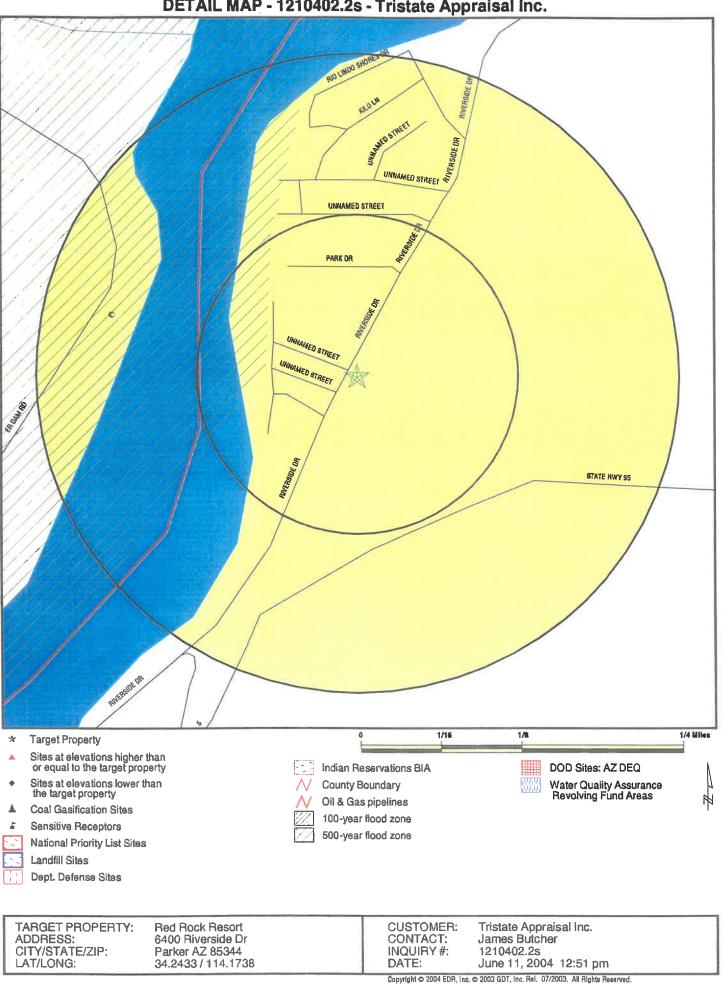
CITY/STATE/ZIP:

LAT/LONG:

Parker AZ 85344

34.2433/114.1738





MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	<u>1/8 - 1/4</u>	1/4 - 1/2	1/2 - 1	<u>> 1</u>	Total Plotted
FEDERAL ASTM STANDAR	2	8						
NPL Proposed NPL CERCLIS CERC-NFRAP CORRACTS RCRIS-TSD RCRIS Lg. Quan. Gen. RCRIS Sm. Quan. Gen. ERNS		1.000 1.000 0.500 0.250 1.000 0.500 0.250 0.250 TP	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NR NR 0 NR NR NR NR	NR NR NR NR NR NR NR	0 0 0 0 0 0 0 0
STATE ASTM STANDARD								
SPL State Haz. Waste State Landfill LUST UST AZ WQARF INDIAN UST INDIAN LUST VCP		$\begin{array}{c} 1.000\\ 1.000\\ 0.500\\ 0.500\\ 0.250\\ 1.000\\ 0.250\\ 0.500\\ 0.500\\ \end{array}$	0 0 0 0 0 0 0		0 0 1 NR 0 NR 0 0	0 0 NR NR NR 0 NR NR	NR NR NR NR NR NR NR NR	0 0 1 0 0 0 0 0
FEDERAL ASTM SUPPLEME	NTAL							
CONSENT ROD Delisted NPL FINDS HMIRS MLTS MINES NPL Liens PADS US BROWNFIELDS FUDS INDIAN RESERV DOD RAATS TRIS TSCA SSTS FTTS		1.000 1.000 TP TP TP 0.250 TP TP 0.500 1.000 1.000 1.000 TP TP TP TP	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 NR NR 0 NR 0 0 0 0 NR R NR NR NR NR NR NR NR NR NR NR NR N	0 0 0 NR NR NR NR 0 0 0 0 0 NR R R NR NR NR NR NR NR NR NR NR NR NR	0 0 0 N R R R R R R N R N R R R R R R R	NR N	
STATE OR LOCAL ASTM SU	IPPLEMENTAL							
AST		TP	NR	NR	NR	NR	NR	0

....

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
AZ Spills AZ DOD WWFAC Aquifer Dry Wells AZ AIRS		TP 0.500 0.500 TP TP TP	NR 0 NR NR NR	NR 0 NR NR NR	NR 0 NR NR NR	NR NR NR NR NR NR	NR NR NR NR NR NR	0 0 0 0 0
EDR PROPRIETARY HISTO	RICAL DATAB	ASES						
Coal Gas BROWNFIELDS DATABASI	ES	1.000	0	0	0	0	NR	0
US BROWNFIELDS AUL VCP		0.500 0.250 0.500	0 0 0	0 0 0	0 NR 0	NR NR NR	NR NR NR	0 0 0

NOTES:

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

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118 450

Database(s)

EDR ID Number EPA ID Number

м. И.

12

	Coal Gas Site Search	h: No site was found in a se	arch of Real Property So	can's ENVIROHAZ da	tabase.	
1 SW 1/4-1/2 2089 ft.	CIRCLE K STORE #2 49600 HWY 95 PARKER, AZ 85344				UST LUST	U003153640 N/A
Relative: Lower	LUST: Facility ID:	0-001297				
Actual: 366 ft.	Lust Number: Leak Priority: Notification: Date Closed:	4382.01 KNOWN OR PROBABLE A 03/20/1996 Not reported	AFFECT ON GW			
	Facility ID: Lust Number: Leak Priority: Notification: Date Closed:	0-001297 4382.02 KNOWN OR PROBABLE A 03/20/1996 Not reported	AFFECT ON GW			
	Facility ID: Lust Number: Leak Priority: Notification: Date Closed:	0-001297 4382.03 KNOWN OR PROBABLE & 03/20/1996 Not reported	AFFECT ON GW			
	Facility ID: Lust Number: Leak Priority: Notification: Date Closed:	0-001297 4382.04 KNOWN OR PROBABLE # 03/20/1996 Not reported	AFFECT ON GW			
	UST: Facility ID:	0-001297	Tank ID:	1		
	Date Installed:	04/08/1972	Tank Stat	us: Closed		
	Facility ID: Date Installed:	0-001297 04/08/1972	Tank ID: Tank Stat	2 us: Closed		
	Facility ID: Date Installed:	0-001297 04/05/1996	Tank ID: Tank Stat	3 ius: In Use		
	Facility ID: Date Installed:	0-001297 04/05/1996	Tank ID: Tank Stat	4 tus: In Use		
	Facility ID: Date Installed:	0-001297 04/05/1996	Tank ID: Tank Stat	5 tus: In Use		

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City	EUK ID	Site Name			(-lossening
COLOBADO RIV INDIAN	S101570744	C & H FNTERPRISES	SEC34 T7N R21W	85344	SHWS
COLORADO RIV INDIAN	S103931997	KAMBUROFF, JOHN, INC.	SEC4 T6N R21W	85344	SHWS
	S105752478	RIVER BREEZE RV PARK	50202 PARKER POSTON RD	85344	WWFAC
	S105769802	C R.I.T. AUTO SHOP	ROUTE 1	85344	INDIAN LUST, INDIAN UST
DARKER	S105769894	ROLANCO FARMS	ROUTE 1, BOX 126	85344	INDIAN UST
	S105770012	COLORADO RIVER AGENCY/BIA AG	ROUTE 1. BOX 9-C	85344	INDIAN UST
	S106152681	HAVASU SPRINGS RESORT	ROUTE 2, BOX 624	85344	Aquifer
	S103931931	WO-PARKER/CIENGA SPRINGS PCE	(8-10-19) 27	85344	SHWS
	11003050581	HAVASU SPRINGS RESORT	2581 HWY 95	85344	UST
	S105592006	HAVASU SPRINGS RESORT	2581 HWY 95	85344	LUST
DARKER	1001486206	ADOT MATERIALS TESTING LAB	HWY 95 MILE POST 149	85344	RCRIS-SQG, FINDS
PARKER	S103894984	LA PAZ COUNTY - MAIN LANDFILL	26999 HIGHWAY 95	85344	WWFAC, AZ AIRS
PARKER	S105752140	ARIZONA STATE PARKS - BUCKSKIN MOU	54751 HIGHWAY 95	85344	WWFAC
	S105769639	AVI SUDUILLA AIRPORT, AKA C.R.I.T.	HWY 95 / RIVERSIDE DRIVE P.O.	85344	INDIAN UST
PARKER	S105769930	ADOT - PARKER	HWY 95 (MILE 143)	85344	INDIAN LUST, INDIAN UST
DARKFR	S105954172	VERDE WEST RV PARK	4985 HWY 95	85344	WWFAC
PARKER	U001000375	LIL MIKE'S SERVICE CENTER	HWY 95 N OF PARKER	85344	UST, LUST
PARKER	U001625545		HWY 95 N OF PARKER	85344	UST
PARKER	S105769645	PARKER IHS HOSPITAL	BIA AGENCY ROAD, RTE. 1 P.O.	85344	INDIAN UST
PARKFR	S106205274	LA PAZ COUNTY - PARKER TRANSFER ST	FROM BUSINESS HWY 95, E ON N97	85344	SWF/LF
PARKER	S102787696	BUCKSKIN SANITARY DISTRICT - WWTP	49975 N HIGHWAY 95	85344	WWFAC .
PARKER	1001234766	PLANTATION MINI MART	LATITUDE 34 12'N,LONGITUDE 114	85344	, SHWS
PARKER	S105770015	PARKER CONSTRUCTION FIELD OFFICE	LOT 17, INDUSTRIAL PARK, SHEA	85344	INDIAN UST
	1000313275	TANNER COMPANIES	5 1/2 MI N OF PARKER HWY 95	85344	RCRIS-SQG, FINDS
PARKER	S105769870	HEAD START SCHOOL	MOHAVE / INDIAN SCHOOL ROAD	85344	INDIAN LUST, INDIAN UST
PARKER	1001475686	CRIT PARKER PESTICIDES	ONE QUARTER MILE EAST OF THE	85344	CERCLIS, FINDS
DARKER	S104816316	US FISH & WILDLIFE-PARKER	PARKER DAM RD/HWY 62	92267	Cortese, LUST
PARKFR	1003878175	PARKER DUMPSITE	PARKER DUMP	85344	CERC-NFRAP
	S105592005	BRANSON'S RESORT	7804 RIVERSIDE DR	85344	LUST
PARKER	S105769650	FRANK ELLIS MARINE	RIVERSIDE DRIVE P.O. BOX BG	85344	INDIAN LUST, INDIAN UST
PARKFR	U003052165	LI'L MIKE'S # 2	RIVERSIDE DR	85344	UST, LUST
PARKER DAM	U003785158	BIG BEND RESORT	PARKER DAM RD	92267	UST, LUST, San Bern, Co. Permit
PARKER DAM	S105693655	SB CO PARKER DAM FIRE STA #21	PARKER DAM ROAD	92267	LUST
			1/4 MALIA//OF DARKER DAM	02787	San Bern Co Permit

TC1210402.2s Page 7

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

Elapsed ASTM days: 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

Source: EPA

Telephone: N/A

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: 04/27/04 Date Made Active at EDR: 05/21/04 Database Release Frequency: Semi-Annually

**NPL Site Boundaries** 

#### Sources:

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

EPA Region 1 Telephone 617-918-1143

EPA Region 3 Telephone 215-814-5418

EPA Region 4 Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites Source: EPA Telephone: N/A

Date of Government Version: 04/27/04 Date Made Active at EDR: 05/21/04 Database Release Frequency: Semi-Annually Date of Data Arrival at EDR: 05/04/04 Elapsed ASTM days: 17 Date of Last EDR Contact: 05/04/04

EPA Region 6 Telephone: 214-655-6659

EPA Region 8 Telephone: 303-312-6774

> Date of Data Arrival at EDR: 05/04/04 Elapsed ASTM days: 17 Date of Last EDR Contact: 05/04/04

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

Telephone: 703-413-0223

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: 02/26/04 Date Made Active at EDR: 04/02/04 Database Release Frequency: Quarterly Date of Data Arrival at EDR: 03/22/04 Elapsed ASTM days: 11 Date of Last EDR Contact: 03/22/04

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223
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.

Date of Government Version: 02/26/04 Date Made Active at EDR: 04/02/04 Database Release Frequency: Quarterly

CORRACTS: Corrective Action Report

Source: EPA Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/04 Date Made Active at EDR: 04/15/04 Database Release Frequency: Semi-Annually y. Date of Data Arrival at EDR: 03/25/04

Date of Data Arrival at EDR: 03/22/04

Date of Last EDR Contact: 03/22/04

Elapsed ASTM days: 11

Elapsed ASTM days: 21 Date of Last EDR Contact: 03/08/04

RCRIS: Resource Conservation and Recovery Information System

Source: EPA

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS 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.

Date of Government Version: 04/13/04 Date Made Active at EDR: 05/13/04 Database Release Frequency: Varies

ERNS: Emergency Response Notification System

Source: National Response Center, United States Coast Guard Telephone: 202-260-2342

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

Date of Government Version: 12/31/03 Date Made Active at EDR: 03/12/04 Database Release Frequency: Annually Date of Data Arrival at EDR: 01/26/04 Elapsed ASTM days: 46 Date of Last EDR Contact: 04/26/04

Date of Data Arrival at EDR: 04/20/04

Date of Last EDR Contact: 04/20/04

Elapsed ASTM days: 23

# FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

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: 12/01/01 Database Release Frequency: Biennially Date of Last EDR Contact: 03/16/04 Date of Next Scheduled EDR Contact: 06/14/04

CONSENT: Superfund (CERCLA) Consent Decrees Source: EPA Regional Offices Telephone: Varies

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: N/A Database Release Frequency: Varies Date of Last EDR Contact: N/A Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision	
Source: EPA Telephone: 703-416-0223 Record of Decision. ROD documents mandate a permanent reme and health information to aid in the cleanup.	dy at an NPL (Superfund) site containing technical
Date of Government Version: 01/09/04 Database Release Frequency: Annually	Date of Last EDR Contact: 04/05/04 Date of Next Scheduled EDR Contact: 07/05/04
DELISTED NPL: National Priority List Deletions Source: EPA Telephone: N/A	
The National Oil and Hazardous Substances Pollution Contingent EPA uses to delete sites from the NPL. In accordance with 40 NPL where no further response is appropriate.	
Date of Government Version: 04/27/04 Database Release Frequency: Quarterly	Date of Last EDR Contact: 05/04/04 Date of Next Scheduled EDR Contact: 08/02/04
FINDS: Facility Index System/Facility Identification Initiative Program Source: EPA	m Summary Report
Telephone: N/A Facility Index System. FINDS contains both facility information an detail. EDR includes the following FINDS databases in this rep Information Retrieval System), DOCKET (Enforcement Docket enforcement cases for all environmental statutes), FURS (Fed Docket System used to track criminal enforcement actions for Information System), STATE (State Environmental Laws and S	oort: PCS (Permit Compliance System), AIRS (Aerometric t used to manage and track information on civil judicial eral Underground Injection Control), C-DOCKET (Criminal all environmental statutes), FFIS (Federal Facilities
Date of Government Version: 04/08/04 Database Release Frequency: Quarterly	Date of Last EDR Contact: 04/05/04 Date of Next Scheduled EDR Contact: 07/05/04
HMIRS: Hazardous Materials Information Reporting System Source: U.S. Department of Transportation Telephone: 202-366-4555	
Hazardous Materials Incident Report System. HMIRS contains ha	
Date of Government Version: 02/17/04 Database Release Frequency: Annually	Date of Last EDR Contact: 04/20/04 Date of Next Scheduled EDR Contact: 07/19/04
MLTS: Material Licensing Tracking System Source: Nuclear Regulatory Commission Telephone: 301-415-7169	
MLTS is maintained by the Nuclear Regulatory Commission and possess or use radioactive materials and which are subject to EDR contacts the Agency on a quarterly basis.	
Date of Government Version: 01/15/04 Database Release Frequency: Quarterly	Date of Last EDR Contact: 04/05/04 Date of Next Scheduled EDR Contact: 07/05/04
MINES: Mines Master Index File Source: Department of Labor, Mine Safety and Health Administr Telephone: 303-231-5959	ration
Date of Government Version: 03/05/04 Database Release Frequency: Semi-Annually	Date of Last EDR Contact: 03/30/04 Date of Next Scheduled EDR Contact: 06/28/0
NPL LIENS: Federal Superfund Liens Source: EPA Telephone: 202-564-4267 Federal Superfund Liens. Under the authority granted the USEPA and Liability Act (CERCLA) of 1980, the USEPA has the authority to recover remedial action expenditures or when the property USEPA compiles a listing of filed notices of Superfund Liens.	owner receives notification of potential liability.

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Date of Government Version: 10/15/91 Database Release Frequency: No Update Planned	Date of Last EDR Contact: 03/12/04 Date of Next Scheduled EDR Contact: 05/24/04
PADS: PCB Activity Database System Source: EPA Telephone: 202-564-3887 PCB Activity Database. PADS Identifies generators, transporters, commercia of PCB's who are required to notify the EPA of such activities.	al storers and/or brokers and disposers
Date of Government Version: 12/30/03 Database Release Frequency: Annually	Date of Last EDR Contact: 05/12/04 Date of Next Scheduled EDR Contact: 08/09/04
DOD: Department of Defense Sites Source: USGS Telephone: 703-692-8801 This data set consists of federally owned or administered lands, administere have any area equal to or greater than 640 acres of the United States, Pu	
Date of Government Version: 10/01/03 Database Release Frequency: Semi-Annually	Date of Last EDR Contact: 02/02/04 Date of Next Scheduled EDR Contact: 05/10/04
<b>STORMWATER:</b> Storm Water General Permits Source: Environmental Protection Agency Telephone: 202 564-0746 A listing of all facilities with Storm Water General Permits.	
Date of Government Version: N/A Database Release Frequency: Quarterly	Date of Last EDR Contact: N/A Date of Next Scheduled EDR Contact: N/A
INDIAN RESERV: Indian Reservations Source: USGS Telephone: 202-208-3710 This map layer portrays Indian administered lands of the United States that than 640 acres.	
Date of Government Version: 10/01/03 Database Release Frequency: Semi-Annually	Date of Last EDR Contact: 02/02/04 Date of Next Scheduled EDR Contact: 05/10/04
US BROWNFIELDS: A Listing of Brownfields Sites Source: Environmental Protection Agency Telephone: 202-566-2777 Included in the listing are brownfields properties addresses by Cooperative A properties addressed by Targeted Brownfields Assessments. Targeted B Assessments (TBA) program is designed to help states, tribes, and muni Brownfields Assessment Demonstration Pilotsminimize the uncertaintie brownfields. Under the TBA program, EPA provides funding and/or techn at brownfields sites throughout the country. Targeted Brownfields Assess under EPA's Brownfields Initiative to promote cleanup and redevelopmer Recipients-States, political subdivisions, territories, and Indian tribes bec when they enter into BCRLF cooperative agreements with the U.S. EPA. based on a proposal and application process. BCRLF cooperative agree through BCRLF cooperative agreement for specified brownfields-related	rownfields Assessments-EPA's Targeted Brownfields cipalities—especially those without EPA es of contamination often associated with nical assistance for environmental assessments sments supplement and work with other efforts nt of brownfields. Cooperative Agreement ome BCRLF cooperative agreement recipients EPA selects BCRLF cooperative agreement recipients ment recipients must use EPA funds provided
Date of Government Version: 04/14/04 Database Release Frequency: Semi-Annually	Date of Last EDR Contact: 03/15/04 Date of Next Scheduled EDR Contact: 06/14/04
<ul> <li>RMP: Risk Management Plans</li> <li>Source: Environmental Protection Agency</li> <li>Telephone: 202-564-8600</li> <li>When Congress passed the Clean Air Act Amendments of 1990, it required for chemical accident prevention at facilities using extremely hazardous a Rule (RMP Rule) was written to implement Section 112(r) of these amen industry codes and standards, requires companies of all sizes that use c to develop a Risk Management Program, which includes a(n): Hazard as of an accidental release, an accident history of the last five years, and ar accidental releases; Prevention program that includes safety precautions training measures; and Emergency response program that spells out em and procedures for informing the public and response agencies (e.g the</li> </ul>	substances. The Risk Management Program Idments. The rule, which built upon existing ertain flammable and toxic substances sessment that details the potential effects in evaluation of worst-case and alternative is and maintenance, monitoring, and employee tergency health care, employee training measures

Date of Government Version: N/A	Date of Last EDR Contact: N/A
Database Release Frequency: N/A	Date of Next Scheduled EDR Contact: N/A
FUDS: Formerly Used Defense Sites Source: U.S. Army Corps of Engineers Telephone: 202-528-4285 The listing includes locations of Formerly Used Defense Sites prop is actively working or will take necessary cleanup actions.	erties where the US Army Corps of Engineers
Date of Government Version: 10/01/03 ** Database Release Frequency: Varies	Date of Last EDR Contact: 04/26/04 Date of Next Scheduled EDR Contact: 07/05/04
<ul> <li>RAATS: RCRA Administrative Action Tracking System</li> <li>Source: EPA</li> <li>Telephone: 202-564-4104</li> <li>RCRA Administration Action Tracking System. RAATS contains reportaining to major violators and includes administrative and civ actions after September 30, 1995, data entry in the RAATS data the database for historical records. It was necessary to terminat made it impossible to continue to update the information contain</li> </ul>	il actions brought by the EPA. For administration abase was discontinued. EPA will retain a copy of e RAATS because a decrease in agency resources
Date of Government Version: 04/17/95 Database Release Frequency: No Update Planned	Date of Last EDR Contact: 03/08/04 Date of Next Scheduled EDR Contact: 06/07/04
<ul> <li>TRIS: Toxic Chemical Release Inventory System</li> <li>Source: EPA</li> <li>Telephone: 202-566-0250</li> <li>Toxic Release Inventory System. TRIS identifies facilities which related in reportable quantities under SARA Title III Section 313.</li> </ul>	lease toxic chemicals to the air, water and
Date of Government Version: 12/31/01 Database Release Frequency: Annually	Date of Last EDR Contact: 03/23/04 Date of Next Scheduled EDR Contact: 06/21/04
<ul> <li>TSCA: Toxic Substances Control Act Source: EPA</li> <li>Telephone: 202-260-5521</li> <li>Toxic Substances Control Act. TSCA identifies manufacturers and TSCA Chemical Substance Inventory list. It includes data on the site.</li> </ul>	-
Date of Government Version: 12/31/02 Database Release Frequency: Every 4 Years	Date of Last EDR Contact: 03/05/04 Date of Next Scheduled EDR Contact: 06/07/04
FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insect Source: EPA Telephone: 202-564-2501	icide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Date of Government Version: 04/13/04 Database Release Frequency: Quarterly	Date of Last EDR Contact: 03/22/04 Date of Next Scheduled EDR Contact: 06/21/04
<ul> <li>SSTS: Section 7 Tracking Systems</li> <li>Source: EPA</li> <li>Telephone: 202-564-5008</li> <li>Section 7 of the Federal Insecticide, Fungicide and Rodenticide Adregistered pesticide-producing establishments to submit a report 1st each year. Each establishment must report the types and an being produced, and those having been produced and sold or of Date of Government Version: 12/31/01</li> <li>Database Release Frequency: Annually</li> </ul>	rt to the Environmental Protection Agency by March mounts of pesticides, active ingredients and devices

#### 10 13 3 + 15 1 . 3 S & C & **GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING**

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

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

Date of Government Version: 04/13/04 Database Release Frequency: Quarterly Date of Last EDR Contact: 03/22/04 Date of Next Scheduled EDR Contact: 06/21/04

#### STATE OF ARIZONA ASTM STANDARD RECORDS

SPL: Superfund Program List

Source: Department of Environmental Quality Telephone: 602-771-4360

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: 05/23/03 Date Made Active at EDR: 06/26/03 Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/02/03 Elapsed ASTM days: 24 Date of Last EDR Contact: 03/05/04

Date of Data Arrival at EDR: 04/11/00

Date of Last EDR Contact: 04/19/04

Elapsed ASTM days: 35

SHWS: ZipAcids List

Source: Department of Environmental Quality

Telephone: 602-771-4360

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

Date of Government Version: 01/03/00 Date Made Active at EDR: 05/16/00 Database Release Frequency: No Update Planned

SWF/LF: Directory of Solid Waste Facilities

Source: Department of Environmental Quality Telephone: 602-771-4132

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: 01/01/04 Date Made Active at EDR: 04/23/04 Database Release Frequency: Annually

LUST: Leaking Underground Storage Tank Listing Source: Department of Environmental Quality

Telephone: 602-771-4345

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: 02/01/04 Date Made Active at EDR: 03/18/04 Database Release Frequency: Semi-Annually

UST: Underground Storage Tank Listing

Source: Department of Environmental Quality

Telephone: 602-771-4345

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 Data Arrival at EDR: 03/29/04 Elapsed ASTM days: 25 Date of Last EDR Contact: 03/29/04

Date of Data Arrival at EDR: 02/25/04

Date of Last EDR Contact: 05/11/04

Elapsed ASTM days: 22

Date of Government Version: 02/01/04 Date of Data Arrival at EDR: 02/09/04 Date Made Active at EDR: 03/15/04 Elapsed ASTM days: 35 Date of Last EDR Contact: 05/11/04 Database Release Frequency: Annually WQARF: Water Quality Assurance Revolving Fund Sites Source: Department of Environmental Quality Telephone: 602-771-4360 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: 07/01/03 Date of Data Arrival at EDR: 08/11/03 Date Made Active at EDR: 09/29/03 Elapsed ASTM days: 49 Database Release Frequency: Annually Date of Last EDR Contact: 03/26/04 INDIAN UST: Underground Storage Tanks on Indian Land Source: EPA Region 9 Telephone: 415-972-3368 Date of Government Version: 02/25/04 Date of Data Arrival at EDR: 03/01/04 Elapsed ASTM days: 17 Date Made Active at EDR: 03/18/04 Database Release Frequency: Varies Date of Last EDR Contact: 02/23/04 INDIAN LUST: Leaking Underground Storage Tanks on Indian Land Source: Environmental Protection Agency Telephone: 415-972-3372 LUSTs on Indian land in Arizona, California, New Mexico and Nevada Date of Government Version: 02/09/04 Date of Data Arrival at EDR: 02/10/04 Elapsed ASTM days: 17 Date Made Active at EDR: 02/27/04 Database Release Frequency: Varies Date of Last EDR Contact: 01/27/04 VCP: Voluntary Remediation Program Sites Source: Department of Environmental Quality Telephone: 602-771-4411 Sites involved in the Voluntary Remediation Program. Date of Government Version: 02/29/04 Date of Data Arrival at EDR: 04/16/04 Elapsed ASTM days: 13 Date Made Active at EDR: 04/29/04 Database Release Frequency: Varies Date of Last EDR Contact: 03/10/04 STATE OF ARIZONA ASTM SUPPLEMENTAL RECORDS AST: List of Aboveground Storage Tanks Source: Department of Building & Fire Safety Telephone: 602-364-1003 Aboveground storage tanks that the Dept. of Building & Fire Safety have permitted. Date of Last EDR Contact: 04/12/04 Date of Government Version: 12/31/00 Database Release Frequency: No Update Planned Date of Next Scheduled EDR Contact: 07/20/04 SPILLS: Hazardous Material Logbook Source: Department of Environmental Quality Telephone: 602-771-4153 Chemical spills and incidents referred to the Emergency Response Unit. Date of Last EDR Contact: 03/29/04 Date of Government Version: 06/30/01 Date of Next Scheduled EDR Contact: 06/28/04 Database Release Frequency: Semi-Annually DOD: Department of Defense Sites

Source: Department of Environmental Quality

Telephone: 602-771-4360

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

TC1210402.2s Page GR-7

Date of Last EDR Contact: 03/26/04 Date of Government Version: 07/01/03 Database Release Frequency: Annually Date of Next Scheduled EDR Contact: 06/21/04 WWFAC: Waste Water Treatment Facilities Source: Department of Environmental Quality Telephone: 602-771-4623 Statewide list of waste water treatment facilities. Date of Government Version: 07/01/03 Date of Last EDR Contact: 02/23/04 Date of Next Scheduled EDR Contact: 05/24/04 Database Release Frequency: Varies **AQUIFER:** Waste Water Treatment Facilities Source: Department of Environmental Quality Telephone: 602-771-4623 Waste Water Treatment Facilities with APP (Aquifer Protection Permits.) Date of Last EDR Contact: 04/26/04 Date of Government Version: 02/25/04 Date of Next Scheduled EDR Contact: 07/26/04 Database Release Frequency: Semi-Annually DRY WELLS: Drywell Registration Source: Department of Environmental Quality Telephone: 602-771-4686 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 Last EDR Contact: 03/22/04 Date of Government Version: 03/01/04 Date of Next Scheduled EDR Contact: 06/21/04 Database Release Frequency: Semi-Annually AZ AIRS: Arizona Airs Database Source: Department of Environmental Quality Telephone: 602-771-2344

Telephone: 602-771-2344 Arizona major (has the potential to emit over 100 tons of criteria pollutant) and minor (below 100 tons) sources.

Date of Government Version: 02/17/04 Database Release Frequency: Semi-Annually Date of Last EDR Contact: 05/03/04 Date of Next Scheduled EDR Contact: 08/02/04

# EDR PROPRIETARY HISTORICAL DATABASES

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.

#### 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

AUL: DEUR Database

Source: Department of Environmental Quality Telephone: 602-771-4398

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

Date of Government Version: 04/19/04 Database Release Frequency: Varies Date of Last EDR Contact: 04/20/04 Date of Next Scheduled EDR Contact: 07/19/04

US BROWNFIELDS: A Listing of Brownfields Sites Source: Environmental Protection Agency

Telephone: 202-566-2777

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 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: N/A Database Release Frequency: Semi-Annually

VCP: Voluntary Remediation Program Sites
 Source: Department of Environmental Quality
 Telephone: 602-771-4411
 Sites involved in the Voluntary Remediation Program.

Date of Government Version: 02/29/04 Database Release Frequency: Varies Date of Last EDR Contact: N/A Date of Next Scheduled EDR Contact: N/A

Date of Last EDR Contact: 03/10/04 Date of Next Scheduled EDR Contact: 07/19/04

# 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. **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

RED ROCK RESORT 6400 RIVERSIDE DR PARKER, AZ 85344

# TARGET PROPERTY COORDINATES

 Latitude (North):
 34.243301 - 34° 14' 35.9"

 Longitude (West):
 114.173798 - 114° 10' 25.7"

 Universal Tranverse Mercator:
 Zone 11

 UTM X (Meters):
 760291.9

 UTM Y (Meters):
 3792552.0

 Elevation:
 390 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.

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# **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).

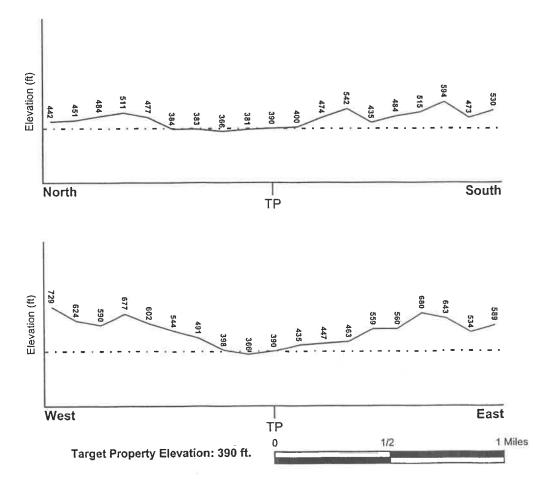
# **TOPOGRAPHIC INFORMATION**

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: 34114-B2 CROSS ROADS, CA AZ General Topographic Gradient: General NNW 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.

#### 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 LA PAZ, AZ	FEMA Flood <u>Electronic Data</u> Not Available
Flood Plain Panel at Target Property:	Not Reported
Additional Panels in search area:	06071C7850F 06071C8575F
NATIONAL WETLAND INVENTORY	
NWI Quad at Target Property CROSS ROADS	NWI Electronic <u>Data Coverage</u> 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.

MAP ID Not Reported LOCATION FROM TP GENERAL DIRECTION GROUNDWATER FLOW

ons presented are those of the cited EPA report(s), which were completed unde

# 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**

#### **GEOLOGIC AGE IDENTIFICATION**

Era:	Precambrian	Category:	Metamorphic Rocks
System:	Precambrian		
Series:	Orthogneiss and paragneiss		
Code:	Xm (decoded above as Era, System &	Series)	

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:	GILMAN	
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	

			Soil Layer	r Information			
	Bou	ndary	÷	Classi	fication		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	13 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.20	Max: 8.40 Min: 7.90
2	13 inches	60 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

# 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:	silt loam loamy fine sand fine sandy loam silty clay loam very fine sandy loam sandy loam loamy sand very gravelly - sand
Surficial Soil Types:	silt loam loamy fine sand fine sandy loam silty clay loam very fine sandy loam sandy loam loamy sand very gravelly - sand
Shallow Soil Types:	No Other Soil Types
Deeper Soil Types:	loamy sand sand clay stratified fine sand gravelly - sandy loam sandy clay loam extremely gravelly - coarse sand

silty clay loam loamy very fine sand

# 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

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

#### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS0039154	0 - 1/8 Mile West
A2	USGS0039095	0 - 1/8 Mile West
A3	USGS0039096	0 - 1/8 Mile West
C6	USGS0039156	1/8 - 1/4 Mile North
C7	USGS0039157	1/4 - 1/2 Mile North
14	USGS0154626	1/2 - 1 Mile NNE
F17	USGS0039153	1/2 - 1 Mile SW

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

		LOCATION
MAP ID	WELL ID	FROM TP
N. DIAIO Curto a Franci		

No PWS System Found

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

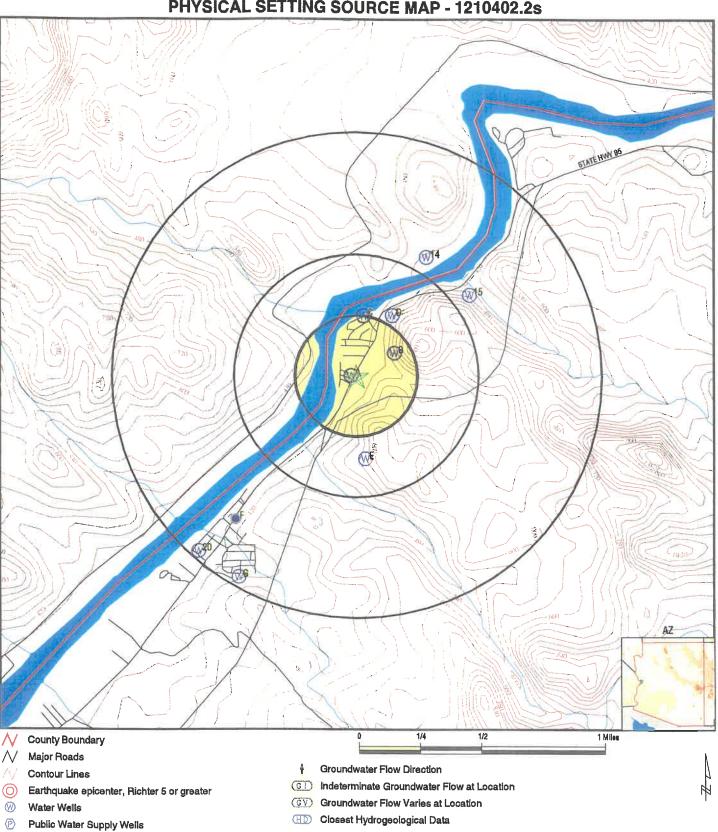
#### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B4	AZWR628658	1/8 - 1/4 Mile ENE
B5	AZWR550020	1/8 - 1/4 Mile ENE

# STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
 D8	AZWR625082	1/4 - 1/2 Mile NNE
D9	AZWR629442	1/4 - 1/2 Mile NNE
E10	AZWR647490	1/4 - 1/2 Mile South
E11	AZWR628660	1/4 - 1/2 Mile South
E12	AZWR647491	1/4 - 1/2 Mile South
E13	AZWR628659	1/4 - 1/2 Mile South
15	AZWR507174	1/2 - 1 Mile NE
F16	AZWR801288	1/2 - 1 Mile SW
G18	AZWR502662	1/2 - 1 Mile SSW
G19	AZWR503453	1/2 - 1 Mile SSW
20	AZWR629049	1/2 - 1 Mile SW

# PHYSICAL SETTING SOURCE MAP - 1210402.2s



Cluster of Multiple Icons .

(IID) Closest Hydrogeological Data

TARGET PROPERTY: ADDRESS: CITY/STATE/ZIP: LAT/LONG:

**Red Rock Resort** 6400 Riverside Dr Parker AZ 85344 34.2433 / 114.1738 CUSTOMER: CONTACT: INQUIRY #: DATE:

Tristate Appraisal Inc. James Butcher 1210402.2s June 11, 2004 12:52 pm

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		Database FED USGS	EDR ID Number
		FED USGS	119050020454
			03030033134
USGS	Site ID:	a41436114102402	
B-10-18 06ABC3			
34.24335			
-114.17411			
NAD83			
AZ			
La Paz County			
-			
	Inven Date:	19950525	
	,	10000020	
	a realiney type		
	Source:	other government (g	ther than USGS)
	oodree.	ould government (o	
		FED USGS	USGS0039095
USGS	Site ID:	341435114102401	
34,24335			
-114,17411			
•			n.
	Inven Date:	19950525	
Single well, other than collector of			
	· · · · · · · · · · · · · · · · · · ·		
Not Reported			
Not Reported Unconfined single aquifer			
Not Reported	Source:	other government (d	other than USGS)
	34.24335 -114.17411 NAD83 AZ La Paz County 382. 15030104 Flood plain Ground-water other than Spring 19950523 Single well, other than collector of Not Reported 68. 78. Not Reported ber of Measurements: 1 Feet to Sealevel 	34.24335 -114.17411 NAD83 AZ La Paz County 382. 15030104 Flood plain Ground-water other than Spring 19950523 Inven Date: Single well, other than collector or Ranney type Not Reported Not Reported Not Reported 68. 78. Source: Not Reported ber of Measurements: 1 Feet to Sealevel 	34.24335 -114.17411 NAD83 AZ La Paz County 382. 15030104 Flood plain Ground-water other than Spring 19950523 Inven Date: 19950525 Single well, other than collector or Ranney type Not Reported 68. 78. Source: other government (o Not Reported 68. 78. Source: other government (o Not Reported 68. 78. Source: other government (o Not Reported 58. 15 Feet to 58. 58. 15 Feet to 58. 58. 15 Site ID: 341435114102401 B-10-18 06ABC2 34.24335 -114.17411 NAD83 AZ La Paz County 382. 15030104 Flood plain Ground-water other than Spring 196204 Inven Date: 19950525

Date	Feet below Surface	Feet to Sealevel		
1995-05-25 Note: The		as affected by stage in nearby sur	face-water site.	
		73 		
3 est - 1/8 Mile⇔ ower				FED USGS USGS00390
Agency: Site Name: Dec. Latitud Dec. Longitu Coord Sys:		USGS B-10-18 06ABC1 34.24329 -114.17423 NAD83	Site ID:	341436114102401
State: County: Altitude: Hydrologic o Topographic Site Type:		AZ La Paz County 382. 15030104 Flood plain Ground-water other than Spring	1	
Const Date: Well Type: Primary Aqu Aquifer type Well depth:	lifer: :	1961 Single well, other than collector Not Reported Unconfined single aquifer 32.	Inven Date:	19950525
Hole depth: Project no:		32. Not Reported	Source:	other government (other than USG
Ground-wat		ber of Measurements: 1		
Date	Feet below Surface	Feet to Sealevel		
1995-05-25 Note: The		as affected by stage in nearby su	rface-water site.	
NE /8 - 1/4 Mile igher				AZ WELLS AZWR6286
Registryid: County:		628658 LA PAZ PARKER 10	Program: Watersheđ: Subbasin: Northsouth: Eastwest:	55 COLORADO RIVER LA POSA PLAINS N W
Basin: Township: Range: Section: Acre40: Utmx:		18 6 NW 208012.2	Acre160: Acre10: Utmy:	NE NW 3793638.3

Approved: Driller: Waterlevel: Casingdeep: Pumptype: Pumprate: Drawdown: Lastname: Company: Address: City: Zipcode:

Driller: Company: Address: Not Reported 0 0 Not Reported 44 0 RED ROCK CAMP GROUND, Not Reported RT 2 BOX 665 PARKER 85344 0

NO DRILLER SPECIFIED

Not Reported

ΑZ

Installed: Welldepth: Casingtype: Çasingwide: Pumppower: Testrate: Drilllog: Firstname:

State: Cancelled: 06/30/1957 00:00:00 35 Not Reported 35 Not Reported 44 Not Reported Not Reported

AZ Not Reported

AZ WELLS AZWR550020

B5 ENE 1/8 - 1/4 Mile Higher

> Registryid: County: Basin: Township: Range: Section: Acre40: Utmx: Welitype: Welluse2: Wateruse2: Approved: Driller: Waterlevel: Casingdeep: Pumptype: Pumprate: Drawdown: Lastname: Company: Address: City:

Zipcode: Driller: Company: Address: 550020 LA PAZ PARKER 10 18 6 NW 208012.2 EXEMPT Not Reported Not Reported Not Reported 283 14 68 SUBMERSIBLE 30 24 RED ROCK CAMPER, Not Reported RT 2 BOX 665 PARKER 85344

283 WAY'S DRILLING, INC. P.O. BOX 130 MORRISTOWN, AZ 85342 Watershed: Subbasin: Northsouth: Eastwest: Acre160: Acre10: Utmy: Welluse1: Wateruse1: Wateruse3: Installed: Welldepth: Casingtype: Casingwide: Pumppower: Testrate: Drilllog: Firstname:

Program:

State: Cancelled: 55 COLORADO RIVER LA POSA PLAINS Ν W NE NW 3793638.3 WATER PRODUCTION DOMESTIC Not Reported 05/23/1995 00:00:00 78 STEEL - PERFORATED OR SLOTTED CASING 7 ELECTRIC MOTOR 1 - 5 HP 30 Х Not Reported

AZ Not Reported

stance evation					Database	EDR ID Numb
rth - 1/4 Mile wer					FED USGS	USGS0039156
Agency:		USGS	Site ID:	3414	48114102101	
Site Name:		B-11-18 31DCD1	one ib.	0414	40114102101	
Dec. Latitude:		34.24674				
Dec. Longitud		-114.17325				
Coord Sys:	16.	NAD83				
State:		AZ				
County:		La Paz County				
Altitude:		370.				
Hydrologic co	de:	15030104				
Topographic:		Flood plain				
Site Type:		Ground-water other than Spring				
Const Date:		19790209	Inven Date:	1997	70611	
Well Type:		Single well, other than collector of	or Ranney type			
Primary Aquife	er:	Not Reported				
Aquifer type:		Not Reported	*			
Well depth:		132.				
Hole depth:		132.	Source:	drille	er	
Project no:		Not Reported				
	Feet below	Feet to	Data	Feet below		
Date  1997-06-11	Feet below Surface 6.92	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel	
Date 1997-06-11 Note: The v 1979-02-17	Feet below Surface 6.92 water level w	Feet to			Sealevel	
Date 1997-06-11 Note: The v 1979-02-17	Feet below Surface 6.92 water level w	Feet to Sealevel				USGS0039157
Date 1997-06-11 Note: The v 1979-02-17 7 orth 4 - 1/2 Mile	Feet below Surface 6.92 water level w	Feet to Sealevel as affected by stage in nearby surf		Surface	Sealevel	USGS0039157
Date 1997-06-11 Note: The v 1979-02-17 7 orth 4 - 1/2 Mile ower Agency: Site Name:	Feet below Surface 6.92 water level w 10.	Feet to Sealevel as affected by stage in nearby surf USGS B-11-18 31DCD2	face-water site.	Surface	Sealevel	USGS0039157
Date 1997-06-11 Note: The v 1979-02-17 7 orth 4 - 1/2 Mile ower Agency: Site Name: Dec. Latitude	Feet below Surface 6.92 water level w 10.	Feet to Sealevel as affected by stage in nearby surf USGS B-11-18 31DCD2 34.2471	face-water site.	Surface	Sealevel	USGS0039157
Date 1997-06-11 Note: The v 1979-02-17 7 orth 4 - 1/2 Mile ower Agency: Site Name: Dec. Latitude: Dec. Longitude	Feet below Surface 6.92 water level w 10.	Feet to Sealevel as affected by stage in nearby surf USGS B-11-18 31DCD2 34.2471 -114.17328	face-water site.	Surface	Sealevel	USGS0039157
Date 1997-06-11 Note: The v 1979-02-17 7 orth 4 - 1/2 Mile ower Agency: Site Name: Dec. Latitude: Dec. Longitud Coord Sys:	Feet below Surface 6.92 water level w 10.	Feet to Sealevel as affected by stage in nearby surf USGS B-11-18 31DCD2 34.2471 -114.17328 NAD83	face-water site.	Surface	Sealevel	USGS0039157
Date 1997-06-11 Note: The v 1979-02-17 7 orth 4 - 1/2 Mile ower Agency: Site Name: Dec. Latitude: Dec. Longitud Coord Sys: State:	Feet below Surface 6.92 water level w 10.	Feet to Sealevel as affected by stage in nearby surf USGS B-11-18 31DCD2 34.2471 -114.17328 NAD83 AZ	face-water site.	Surface	Sealevel	USGS0039157
Date 1997-06-11 Note: The v 1979-02-17 orth 4 - 1/2 Mile ower Agency: Site Name: Dec. Latitude Dec. Longitud Coord Sys: State: County:	Feet below Surface 6.92 water level w 10.	Feet to Sealevel as affected by stage in nearby surf USGS B-11-18 31DCD2 34.2471 -114.17328 NAD83 AZ La Paz County	face-water site.	Surface	Sealevel	USGS0039157
Date 1997-06-11 Note: The v 1979-02-17 7 orth 4 - 1/2 Mile ower Agency: Site Name: Dec. Latitude: County: Altitude:	Feet below Surface 6.92 water level w 10.	Feet to Sealevel as affected by stage in nearby surf USGS B-11-18 31DCD2 34.2471 -114.17328 NAD83 AZ La Paz County 375.	face-water site.	Surface	Sealevel	USGS0039157
Date 1997-06-11 Note: The v 1979-02-17 7 7 7 7 7 7 7 7 7 7 7 7 7	Feet below Surface 6.92 water level w 10.	Feet to Sealevel as affected by stage in nearby surf USGS B-11-18 31DCD2 34.2471 -114.17328 NAD83 AZ La Paz County 375. 15030104	face-water site.	Surface	Sealevel	USGS0039157
Date 1997-06-11 Note: The v 1979-02-17 7 7 7 7 7 7 7 7 7 7 7 7 7	Feet below Surface 6.92 water level w 10.	Feet to Sealevel as affected by stage in nearby surf USGS B-11-18 31DCD2 34.2471 -114.17328 NAD83 AZ La Paz County 375. 15030104 Flood plain	face-water site.	Surface	Sealevel	USGS0039157
Date 1997-06-11 Note: The v 1979-02-17 7 7 7 7 7 7 7 7 7 7 7 7 7	Feet below Surface 6.92 water level w 10.	Feet to Sealevel as affected by stage in nearby surf USGS B-11-18 31DCD2 34.2471 -114.17328 NAD83 AZ La Paz County 375. 15030104 Flood plain Ground-water other than Spring	face-water site.	Surface 3414	Sealevel FED USGS 449114102101	USGS0039157
Date 1997-06-11 Note: The v 1979-02-17 7 7 7 7 7 7 7 7 7 7 7 7 7	Feet below Surface 6.92 water level w 10.	Feet to Sealevel as affected by stage in nearby surf B-11-18 31DCD2 34.2471 -114.17328 NAD83 AZ La Paz County 375. 15030104 Flood plain Ground-water other than Spring Not Reported	face-water site. Site ID:	Surface 3414	Sealevel	USGS0039157
Date 1997-06-11 Note: The v 1979-02-17 7 7 7 7 7 7 7 7 7 7 7 7 7	Feet below Surface 6.92 water level w 10.	Feet to Sealevel as affected by stage in nearby surf B-11-18 31DCD2 34.2471 -114.17328 NAD83 AZ La Paz County 375. 15030104 Flood plain Ground-water other than Spring Not Reported Single well, other than collector	face-water site. Site ID:	Surface 3414	Sealevel FED USGS 449114102101	USGS0039157
Date 1997-06-11 Note: The v 1979-02-17 7 7 7 7 7 7 7 7 7 7 7 7 7	Feet below Surface 6.92 water level w 10.	Feet to Sealevel as affected by stage in nearby surf B-11-18 31DCD2 34.2471 -114.17328 NAD83 AZ La Paz County 375. 15030104 Flood plain Ground-water other than Spring Not Reported Single well, other than collector Not Reported	face-water site. Site ID:	Surface 3414	Sealevel FED USGS 449114102101	USGS0039157
Date 1997-06-11 Note: The v 1979-02-17 7 7 7 7 7 7 7 7 7 7 7 7 7	Feet below Surface 6.92 water level w 10.	Feet to Sealevel as affected by stage in nearby surf B-11-18 31DCD2 34.2471 -114.17328 NAD83 AZ La Paz County 375. 15030104 Flood plain Ground-water other than Spring Not Reported Single well, other than collector Not Reported Not Reported Not Reported	face-water site. Site ID:	Surface 3414	Sealevel FED USGS 449114102101	USGS0039157
Date 1997-06-11 Note: The v 1979-02-17 7 7 7 7 7 7 7 7 7 7 7 7 7	Feet below Surface 6.92 water level w 10.	Feet to Sealevel as affected by stage in nearby surf B-11-18 31DCD2 34.2471 -114.17328 NAD83 AZ La Paz County 375. 15030104 Flood plain Ground-water other than Spring Not Reported Single well, other than collector Not Reported	face-water site. Site ID:	Surface 3414 199	Sealevel FED USGS 449114102101	USGS0039157

Ground-water levels, Number of Measurements: 0

8 NE I/4 - 1/2 Mile ligher Registryid: County:				
Registryid:	·		AZ WELLS	AZWR625082
	625082	Program:	55	-82
	LA PAZ	Watershed:	COLORADO RIVER	
Basin:	PARKER	Subbasin:	LA POSA PLAINS	
Township:	11	Northsouth:	N	
Range:	18	Eastwest:	W	
Section:	31	Acre160:	Not Reported	
Acre40;	Not Reported	Acre10:	Not Reported	
Útmx:	208006.7	Utmy:	3793889	
Welltype:	NON-EXEMPT	Welluse1:	WATER PRODUCTI	ON
Welluse2;	Not Reported	Wateruse1:	DOMESTIC	
Wateruse2:	Not Reported	Wateruse3:	Not Reported	
Approved:	Not Reported	Installed:	01/01/1979 00:00:00	
Driller:	0	Welldepth:	125	<u>8</u>
Waterlevel:	10	Casingtype:	STEEL - PERFORA	TED OR SLOTTED CASIN
Casingdeep:	125	Casingwide:	8	
Pumptype:	Not Reported	Pumppower:	Not Reported	
Pumprate:	0	Testrate:	0	
Drawdown:	0	Drilllag:	Not Reported	
Lastname:	GRAHAM WATER SERVICE,	Firstname:	Not Reported	
Company:	Not Reported			
Address:	RT 2 BOX 580			
City:	PARKER	State:	AZ	
Zipcode:	85344	Cancelled:	Not Reported	
Driller:	0			
Company:	NO DRILLER SPECIFIED			
Address:	Not Reported			
	AZ			
09 NNE I/4 - 1/2 Mile Higher			AZ WELLS	AZWR629442
Registryid:	629442	Program:	55	
County:	LA PAZ	Watershed:	COLORADO RIVER	
Basin:	PARKER	Subbasin:	LA POSA PLAINS	•
Township:	11	Northsouth:	N	
Range:	18	Eastwest:	W	
Section:	31	Acre160:	Not Reported	
Acre40:	Not Reported	Acre10:	Not Reported	
Utmx:	208006.7	Utmy:	3793889	
Weiltype:	NON-EXEMPT	Welluse1:	WATER PRODUCT	ION
Welluse2:	Not Reported	Wateruse1:	MUNICIPAL	
Wateruse2:	Not Reported	Wateruse3:	Not Reported	

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Installed:

Welldepth:

Casingtype:

Casingwide:

Pumppower:

Testrate:

Drilllog:

State:

Firstname:

Cancelled:

Approved: Driller: Waterlevel: Casingdeep: Pumptype: Pumprate: Drawdown: Lastname: Company: Address: City: Zipcode: Driller: Company: Address: E10 South 1/4 - 1/2 Mile Higher Registryid: County: Basin: Township: Range: Section: Acre40: Utmx: Welltype: Welluse2: Wateruse2: Approved: Driller: Waterlevel: Casingdeep: Pumptype: Pumprate: Drawdown: Lastname: Company: Address: City: Zipcode:

Not Reported 0 0 0 Not Reported 0 0 SHUBIN, J P Not Reported PO BOX 1587 PARKER 85344 0 NO DRILLER SPECIFIED Not Reported AZ 647490 LA PAZ PARKER 10 18 6 Not Reported 207797.3 EXEMPT Not Reported Not Reported Not Reported 0 7 20 Not Reported 12 0 FOXS LANDING, Not Reported PO BOX A T PARKER

Driller: Company: Address:

NO DRILLER SPECIFIED Not Reported ΑZ

85344

0

Program: Watershed: Subbasin: Northsouth: Eastwest: Acre160: Acre10: Utmy: Welluse1: Wateruse1: Wateruse3: Installed: Welldepth: Casingtype: Casingwide: Pumppower: Testrate: Drilllog: Firstname:

State: Cancelled: Not Reported 70 Not Reported 0 Not Reported 0 Not Reported Not Reported

AZ Not Reported

AZ WELLS

55 COLORADO RIVER LA POSA PLAINS Ν W Not Reported Not Reported 3792937 WATER PRODUCTION DOMESTIC Not Reported 01/01/1978 00:00:00 20 STEEL - PERFORATED OR SLOTTED CASING 2 Not Reported 12 Not Reported Not Reported

AZWR647490

AZ Not Reported

Elevation			Database	EDR ID Numbe
11 outh /4 - 1/2 Mile ligher	-		AZ WELLS	AZWR628660
Registryid:	628660	Program:	55	
County:	LA PAZ	Watershed:	COLORADO RIVER	
Basin:	PARKER	Subbasin:	LA POSA PLAINS	
Township:	10	Northsouth:	N	
Range:	18	Eastwest:	W	
Section:	6	Acre160:	Not Reported	
Acre40:	Not Reported	Acre10:	Not Reported	
Utmx:	207797.3	Utmy:	3792937	
Welltype:	NON-EXEMPT	Welluse1:	WATER PRODUCTION	NC
Welluse2:	Not Reported	Wateruse1:	MUNICIPAL	
Wateruse2:	DOMESTIC	Wateruse3:	IRRIGATION	
Approved:	Not Reported	Installed:	04/01/1962 00:00:00	
Driller:	0	Welldepth:	35	
Waterlevel:	0	Casingtype:	Not Reported	
Casingdeep:	35	Casingwide:	2	
	Not Reported	Pumppower:	Not Reported	
Pumptype:		Testrate:	43	
Pumprate:	43			
Drawdown:		Drilllog: Firstname:	Not Reported	
Lastname:	RED ROCK CAMP GROUND,	Filsmame.	Not Reported	
Company:	Not Reported			
Address:	RT 2 BOX 665	01-1-1	47	
City:	PARKER	State:	AZ	
Zipcode:	85344	Cancelled:	Not Reported	
Driller:	0			
Company:	NO DRILLER SPECIFIED			
Address:	Not Reported AZ			
E12 South I/4 - 1/2 Mile Higher			AZ WELLS	AZWR647491
Registryid:	647491	Program:	55	
County:	LA PAZ	Watershed:	COLORADO RIVER	
Basin:	PARKER	Subbasin:	LA POSA PLAINS	
Township:	10	Northsouth:	N	
Range:	18	Eastwest:	W	
Section:	6	Acre160:	Not Reported	
Acre40:	o Not Reported	Acre10:	Not Reported	
	207797.3	Utmy:	3792937	
Utmx:		Welluse1:	WATER PRODUCTI	ON
Welltype:	EXEMPT Not Reported	Wateruse1:	DOMESTIC	
Welluse2:				

Approved: Driller: Waterlevel: Casingdeep: Pumptype: Pumprate: Drawdown: Lastname: Company: Address: City: Zipcode:

Driller: Company: Address: Not Reported 0 7 20 Not Reported 12 0 FOXS LANDING, Not Reported PO BOX A T PARKER 85344

0 NO DRILLER SPECIFIED Not Reported AZ Installed: Welldepth: Casingtype: Casingwide: Pumppower: Testrate: Drilllog: Firstname:

State: Cancelled: 01/01/1978 00:00:00 20 STEEL - PERFORATED OR SLOTTED CASING 2 Not Reported 12 Not Reported Not Reported

AZ Not Reported

55

Ν

W

32

2

43

COLORADO RIVER

WATER PRODUCTION

01/01/1961 00:00:00

LA POSA PLAINS

Not Reported

Not Reported

MUNICIPAL

IRRIGATION

Not Reported

Not Reported

Not Reported

Not Reported

3792937

AZ WELLS AZWR628659

E13 South 1/4 - 1/2 Mile Higher Registryid: County: Basin: Township: Range: Section: Acre40: Utmx: Welltype: Welluse2: Wateruse2: Approved: Driller: Waterlevel: Casingdeep: Pumptype: Pumprate: Drawdown: Lastname: Company: Address: City: Zipcode:

> Driller: Company: Address:

628659 LA PAZ PARKER 10 18 6 Not Reported 207797.3 NON-EXEMPT Not Reported DOMESTIC Not Reported 0 Ò 32 Not Reported 43 Ó RED ROCK CAMP GROUND, Not Reported RT 2 BOX 665 PARKER 85344

Subbasin: Northsouth: Eastwest: Acre160: Acre10: Utmy: Welluse1: Wateruse1: Wateruse3: Installed: Welldepth: Casingtype: Casingwide: Pumppower: Testrate: Drillog: Firstname: State:

Program:

Watershed:

Cancelled:

NO DRILLER SPECIFIED Not Reported AZ

n

sin: couth: est: 50: 0: est: use1: use3: ed: epth: gtype: gwide: power: te: g: ame:

> AZ Not Reported

> > TC1210402.2s Page A-16

irection istance				
evation			Database	EDR ID Numbe
I NE			FED USGS	USGS0154626
2 - 1 Mile		6 F		
ower				
Agency:	USGS	Site ID:	341501114100501	
Site Name:	002N027E20C001S			
Dec. Latitude:	34.25038			
Dec. Longitude:	-114.16878			
Coord Sys:	NAD83			
State:	CA			
County:	San Bernardino County			
Altitude:	380.			
Hydrologic code:	15030104			
Topographic:	Flood plain			
Site Type:	Ground-water other than Sprir	ia		
Const Date:	Not Reported	Inven Date:	19950413	
			15550415	
Well Type:	Single well, other than collecto	or Kanney type		
Primary Aquifer:	Not Reported			
Aquifer type:	Not Reported			
Well depth:	Not Reported	0	Mad Day and a	
Hole depth:	Not Reported	Source:	Not Reported	
Project no:	Not Reported			
	Not Reported Number of Measurements: 0			
Ground-water levels, 5 E /2 - 1 Mile	·		AZ WELLS	AZWR507174
Ground-water levels, 5 E (2 - 1 Mile igher	Number of Measurements: 0			AZWR507174
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Driller: Company: Address:

341 VALLEY WELL DRILLING P.O. BOX 637 **TOPOCK, AZ 86436** 

# F16 SW

1/2 - 1 Mile Lower

> Registryid: County: Basin: Township: Range: Section: Acre40: Utmx: Wellitype: Welluse2: Wateruse2: Approved: Driller: Waterlevel: Casingdeep: Pumptype: Pumprate: Drawdown: Lastname: Company: Address: City: Zipcode: Driller:

Company: Address:

F17 SW

Higher

State:

LA PAZ PARKER 10 19 1 Not Reported 206902.2 EXEMPT Not Reported Not Reported Not Reported 0 10 25 Not Reported 10 0 BENNETT, GERALD, Not Reported MARINA VILLAGE #7 PARKER 85344 0 NO DRILLER SPECIFIED

Not Reported

AZ

801288

Program: Watershed: Subbasin: Northsouth: Eastwest: Acre160: Acre10: Utmy: Welluse1: Wateruse1: Wateruse3: Installed: Welldepth: Casingtype: Casingwide: Pumppower: Testrate: Drilllog: Firstname: State: Cancelled:

55 COLORADO RIVER LA POSA PLAINS Ν W NE Not Reported 3792613.8 WATER PRODUCTION DOMESTIC Not Reported 12/31/1971 00:00:00 25 STEEL - PERFORATED OR SLOTTED CASING 12 Not Reported 0 Not Reported Not Reported

AZWR801288

ΑZ Not Reported

AZ WELLS

FED USGS USGS0039153 1/2 - 1 Mile USGS Site ID: 341404114105301 Agency: Site Name: B-10-19 01DDA Dec. Latitude: 34.23435 Dec. Longitude: -114.18211 Coord Sys: NAD83 AZ County: La Paz County Altitude: 400. Hydrologic code: 15030104 Topographic: Flood plain Ground-water other than Spring Site Type: 19970320 Const Date: 19711231 Inven Date: Well Type: Single well, other than collector or Ranney type

Primary Aqui Aquifer type: Well depth: Hole depth: Project no:		Not Reported Not Reported 25. 25. Not Reported	Source	:	other government (other than USGS					
	Feet below	ber of Measurements: 2 Feet to		Dete	Feet below					
Date  1997-03-20	Surface  16.38	Sealevel		Date  1971-12-31	Surface 10.	Sealevel				
G18 SSW 1/2 - 1 Mile Higher						AZ WELLS	AZWR502662			
Registryid: County: Basin: Township: Range: Section: Acre40: Utmx: Welltype: Welluse2: Wateruse2: Approved: Driller: Waterlevel: Casingdeep: Pumptype: Pumprate: Drawdown: Lastname:		502662 LA PAZ PARKER 10 19 1 SE 206939.6 NON-EXEMPT Not Reported IRRIGATION Not Reported 245 0 Not Reported 0 Not Reported 0 MARCHESE, A G	Progra Waters Subba Norths Eastwe Acre 10 Utmy: Wellus Wateru Installe Wellde Casing Casing Pumpp Testra Drillog Firstna	shed: sin: outh: est: i0: i2: e1: ise1: ise3: sd: pth: ftype: wide: i2: i2: i2: i2: i2: i2: i2: i2: i2: i2	LA I N W SE SW 379 WA DOI Not 07/0 89 Not 0 Not 0 X	LORADO RIVER POSA PLAINS 2186.1 TER PRODUCT MESTIC Reported 09/1982 00:00:0 Reported Reported Reported	ION			
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G19 SSW 1/2 - 1 Mile Higher

AZ WELLS AZWR503453

Registryid: County: Basin: Township: Range: Section: Acre40: Utmx: Welltype: Welluse2: Wateruse2: Approved: Driller: Waterlevel: Casingdeep: Pumptype: Pumprate: Drawdown: Lastname: Company: Address: City: Zipcode: Driller: Company:

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BRASWELL DRILLING

QUARTZSITE, AZ 85346

P.O. BOX 872

Program: Watershed: Subbasin: Northsouth: Eastwest: Acre160: Acre10: Utmy: Welluse1: Wateruse1: Wateruse3: Installed: Welldepth: Casingtype: Casingwide: Pumppower: Testrate: Drilllog: Firstname: State:

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55 COLORADO RIVER LA POSA PLAINS Ν W SE SW 3792186.1 ABANDONED DOMESTIC Not Reported 07/23/1982 00:00:00 70 STEEL - PERFORATED OR SLOTTED CASING 8 Not Reported 0 х Not Reported

ΑZ Y

AZ WELLS

AZWR629049

55 COLORADO RIVER LA POSA PLAINS Ν W Not Reported Not Reported 3792367.9 WATER PRODUCTION DOMESTIC Not Reported Not Reported 0 Not Reported n Not Reported 0 Not Reported

#### 20 SW 1/2 - 1 Mile Lower

Address:

Registryid: County: Basin: Township: Range: Section: Acre40: Utmx: Welltype: Welluse2: Wateruse2: Approved: Driller: Waterlevel: Casingdeep: Pumptype: Pumprate: Drawdown:

629049 LA PAZ PARKER 10 19 1 Not Reported 206679.3 NON-EXEMPT Not Reported Not Reported Not Reported 0 0 0 Not Reported 0 0

TC1210402.2s Page A-20

Lastname: Company: Address: City: Zipcode: ROADRUNNER TRAILER, Not Reported RT 2 BOX 704 PARKER 85344

State: Cancelled:

Firstname:

Not Reported

AZ Not Reported

Driller: Company: Address: 0 NO DRILLER SPECIFIED Not Reported AZ

#### AREA RADON INFORMATION

State Database: AZ Radon

Radon Test Results (pCi/L)

	lt (pCi/L)
05044	
85344         BOUSE         < 0.5           85344         PARKER         < 0.5	50 50 50 90

Federal EPA Radon Zone for LA PAZ County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

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

Federal Area Radon Information for Zip Code: 85344

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.000 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### TOPOGRAPHIC INFORMATION

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

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

#### HYDROLOGIC INFORMATION

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.

#### HYDROGEOLOGIC INFORMATION

#### AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

#### **GEOLOGIC INFORMATION**

#### Geologic Age and Rock Stratigraphic Unit

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

#### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

#### ADDITIONAL ENVIRONMENTAL RECORD SOURCES

#### FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### STATE RECORDS

#### Arizona Well Registration Database

Source: Department of Water Resources Telephone: 602-771-1586 Contains information provided to ADWR's Operations Division by well drillers and/or owners.

#### RADON

#### State Database: AZ Radon

Source: Arizona Radiation Regulatory Agency Telephone: 602-255-4845 State Indoor Radon Survey

#### Area Radon Information

Source: USGS Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### **EPA Radon Zones**

Source: EPA Telephone: 703-356-4020 Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

#### OTHER

Airport Landing Facilities: Private and public use landing facilities Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater Source: Department of Commerce, National Oceanic and Atmospheric Administration

#### PHASE II ENVIRONMENTAL SITE ASSESSMENT

FOR RED ROCK RESORT AND CAMPGROUND LOCATED AT 6400 RIVERSIDE DRIVE PARKER, ARIZONA 85344

**JANUARY 13, 2005** 

PRESENTED TO: GERALDINE & JAMES NAYLOR c/o BUELER JONES LLP 1300 NORTH McCLINTOCK DRIVE CHANDLER, ARIZONA 85266

PREPARED BY: MILLER BROOKS ENVIRONMENTAL, INC. 202 EAST EARLL DRIVE, SUITE 470 PHOENIX, ARIZONA 85012 MILLER BROOKS PROJECT NO. 03-555-0001-02

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- Appendix B Soil Sample Analytical Laboratory Reports
- Appendix C Monitor Well Drilling Permit Card

Miller Brooks Environmental, Inc. Phase II Environmental Site Assessment 6400 Riverside Drive, Parker, Arizona 03-555-0001-02

#### STATEMENT OF LIMITATIONS AND PROFESSIONAL CERTIFICATION

This Phase II Environmental Site Assessment report was prepared for the sole use of Geraldine and James Naylor for the property located at 6400 Riverside Drive, Parker, Arizona. The conclusions and recommendations presented herein are based upon the agreed scope of work outlined in this report. Miller Brooks Environmental, Inc. (Miller Brooks) makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. It is possible that additional information exists beyond the scope of this investigation. Additional information that could not be identified or was not available to Miller Brooks at the time this report was written may result in modification of the conclusions and recommendations presented. This report is not a legal opinion. The services performed by Miller Brooks have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession, currently practicing under similar conditions. No other warranty, expressed or implied, is made.

This investigation was supervised or personally conducted by the licensed professionals whose signature and registration number appear below.

REPORT PREPARED BY: *Miller Brooks Environmental, Inc.* 

Rucean Bred For

Elizabeth Titus Staff Scientist

**REPORT REVIEWED BY:** 

Miller Brooks Environmental, Inc.

Derdin

Larry Gardiner, RG, PG Arizona Registered Geologist #33749 Senior Project Geologist



Miller Brooks Environmental, Inc. Phase II Environmental Site Assessment 6400 Riverside Drive, Parker, Arizona 03-555-0001-02

## 1.0 INTRODUCTION

## 1.1 SITE DESCRIPTION

Miller Brooks Environmental, Inc. (Miller Brooks) was authorized and Paul and Sandra Bush, the principals of Redrock Campground, Inc. and the lessee of record, and also by Geraldine and James Naylor to perform a Phase II Environmental Site Assessment (ESA) for the Red Rocks RV Resort and Campground located at 6400 Riverside Drive in Parker, Arizona.

The subject property is located within the southwest ¼, of the northwest ¼, of the northeast ¼, of Section 6, Township 10 North, Range 18 West, of the Salt and Gila River Baseline and Meridian, within the limits of La Paz County, outside of the City of Parker, Arizona. The property is located on the eastern banks of the Colorado River (Figure 1).

The subject property address was provided by the client's attorney, Mike Ward, as 6400 Riverside Drive, Parker, Arizona (Figure 1). According to the Phase I ESA prepared by TAS Environmental of Lake Havasu City, Arizona, the subject property occupies approximately 9.8 acres of Arizona State leased land. The subject property consists of temporary and semi-permanent housing and recreational vehicles (RVs). There are multiple storage and repair buildings/sheds on the subject site. A varying number of boats, vehicles, and RVs are stored seasonally around the site. A large metal warehouse building on site was used for boat manufacturing and repair.

The State of Arizona currently owns the property and has owned it since 1940. In 1983, the property was leased to Red Rock Campground. The State Land Department previously issued two letters, dated February 28, 2002 and May 5, 2004, requesting that the extent of soil contamination be assessed and stained soil at the site removed or remediated.

The June 2004 Phase I ESA identified the following recognized environmental conditions:

- There were 55-gallon drums observed on the south side of the shop, containing possible used oil and solvents.
- Stained soil and/or aboveground storage tank (AST) around the boat repair shop.
- Stained soil north of the fenced storage area.
- Stained soil and a former AST near the former bathhouse.
- Site buildings may have lead-based paint.
- The men's bath/shower showed signs of mold.

## 1.2 OBJECTIVE

The objective of this investigation was to assess area(s) of potential environmental concern associated with soil staining and drum storage at the subject site.

## 1.3 SCOPE OF WORK

The scope of work (SOW) implemented during the Phase II ESA included, but was not limited to, the following:

- Preparation of a site-specific Health and Safety Plan;
- Coordination of soil and/or groundwater sampling activities with the drilling subcontractor;
- Notification and coordination of site access with site lessee;
- Blue staking and underground utilities locating and clearance;
- Conducting the Phase II ESA SOW;
- Submit soil and/or groundwater samples for applicable laboratory analytical methods; and
- Upon receipt of laboratory analytical results, prepare and submit a Phase II ESA Report to Client.

Lead-based paint and mold issues were not part of the approved SOW.

## 2.0 ENVIRONMENTAL SETTING

## 2.1 REGIONAL PHYSIOGRAPHIC FEATURES

Review of the National Geographic Holdings topography maps (2001) indicates that subject property is located on relatively flat topography at an approximate elevation of 370 feet above mean sea level. The site is located along the eastern banks of the Colorado River. Red Mountain outcrops in the northeast corner of the subject section.

## 2.2 GEOLOGIC CONDITIONS

The subject property lies within the Sonoran Desert Section of the Basin and Range structural and physiographic province in Arizona. This province is characterized by north-northwest trending mountain ranges bounded by high angle faults and separated by deep, alluvial-filled basins. The mountain ranges of the province are composed of complex suite of igneous, metamorphic and well-lithified sedimentary rocks. The basins of the province are the result of tectonically depressed troughs, which are filled with several thousand feet of sediments derived from the faulted mountain blocks. The depressed basins are filled with Quaternary-age floodplain alluvium and tertiary-age sedimentary rocks.

The site is located in Parker Valley within the Colorado River Valley, where highly permeable floodplain alluvium can be up to 700 feet thick. Underlying the floodplain alluvium is an upper unit of coarse-grained sediments consisting of sand, silt and clay that can vary from a few to several hundred feet in thickness. A fine-grained unit underlies the fine-grained facies and is generally several hundred to several thousand feet in thickness. Underlying the lower unit of coarse-grained sediments are Tertiary age sedimentary rocks, which rest upon the faulted mountain block complex (Chronic, 1983).

Based on the results of Miller Brooks' Phase II ESA drilling event in December 2004, the subsurface sediments encountered at the site ranged from poorly graded sand, with clay to lean and fat clays with silt. Please refer to Appendix A for copies of boring logs.

## 2.3 HYDROGEOLOGY

Most water-supply wells in the Parker Valley area are completed in the Colorado Alluvium, which contains water under unconfined conditions. The major source of groundwater recharge in the vicinity is from infiltration of surface water from the Colorado River. This infiltration occurs primarily by leakage through the riverbed.

The Colorado River flows to the south prior to its confluence with the Gulf of California in the Republic of Mexico. Flow in the Colorado River is restricted by upstream dams and varies in volume due to heavy rains and/or upstream water reservoir discharges (Miller Brooks, 1998).

Groundwater beneath the site was encountered at 19 and 22 feet below ground surface (bgs). The aquifer beneath the site area consists of fine-grained sandy clay. Generally, groundwater flow beneath the site is to the northwest.

#### 3.0 FIELD SAMPLING ACTIVITIES

In accordance with the SOW stated in Section 1.0, Miller Brooks supervised the drilling and sampling of eight soil borings (Figure 2 and Appendix A). These borings were advanced using a direct-push Geoprobe drill rig operated by Johnson Environmental of Phoenix, Arizona. Soil samples were collected at the surface and at five-foot intervals in each boring. Soil borings ranged in depth from 5 feet bgs to 25 feet bgs. The locations of soil samples were determined based on observed soil staining onsite, as noted in the Phase I ESA and a site visit conducted by Miller Brooks, and areas near a former AST and stored drums (Figure 2). The proposed location of SB-5, proposed to be located adjacent to the boat shop, was moved to the west end of the boat shop concrete driveway to an area of soil staining. Soil boring SB-6 was drilled in stained soil as close as possible to the former AST area, near the former bathhouse, The presence of building materials and vehicles prevented drilling closer to the AST area. On the day of drilling activities, it was not possible to sample the stained area northeast of the boat shop because a large RV trailer was stored at the proposed drilling location.

A total of 28 soil samples were collected and field-extracted in preparation for analysis of volatile organic compounds (VOCs) in accordance with U.S. Environmental Protection Agency (EPA) Method 5035. Each soil sample was field-screened for VOCs using a photoionization detector (PID). PID readings are presented in the borings logs in Appendix A. Based on field-screening results twenty-one (21) soil samples were selected and submitted for laboratory analyses. Two soil borings, SB-1 and SB-4, were drilled to groundwater for the purpose of collecting groundwater samples. SB-1 is located in the drum storage area south of the shop, and SB-4 is located in a stained soil area west of the shop (Figure 2). Groundwater was encountered in soil borings, SB-1 and SB-4 at 19 and 22 feet bgs, respectively. A temporary well was created by installing PVC well screen in each boring. The water was then extracted with a bailer and placed in 25-milliliter (ml) glass vials. Upon collection of the samples, the screens were removed and each boring was filled with bentonite in accordance with Arizona Department of Water Resources (ADWR) requirements. A permit to collect groundwater was obtained from ADWR prior to commencing sampling activities. A representative from Yellow Jacket Drilling of Phoenix, Arizona supervised Johnson Environmental's license limitations regarding well installations.

Additionally, a groundwater sample (GW-2) was collected from an existing domestic well on site. The existing domestic well on site may not be registered with ADWR.

Soil samples were submitted to Transwest Geochem, Inc. laboratory for analysis of VOCs by EPA Method 8260B and for total petroleum hydrocarbons (TPH) by Arizona Department of Health

Services Method 8015AZ. Groundwater samples were analyzed for VOCs by EPA Method 8260B. Please refer to Table 1 for a summary of laboratory analytical results of submitted soil samples. A copy of the laboratory analytical results is present in Appendix B.

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#### 4.0 RESULTS OF INVESTIGATION

Surface soil samples collected from SB-4, SB-5, and SB-8 contained reportable concentrations of TPH ( $C_{10} - C_{32}$ ) above their respective laboratory reporting limits (LRLs). Soil borings SB-5-0' and SB-8-0' reported TPH concentrations of 900 and 508 milligrams per kilogram (mg/kg), respectively (Figure 2). None of the other collected soil samples contained detectable concentrations of TPH ( $C_{10} - C_{32}$ ). Soil sample SB-4-0' reported 1,3,5-trimethylbenzene at a concentration of 0.24 mg/kg. Toluene was detected at a concentration of 0.15 mg/kg in sample SB-7-0'.

None of the reported concentrations of VOCs (toluene and 1,3,5-trimethylbenzene) exceeded their respective Arizona Department of Environmental Quality (ADEQ) Residential Soil Remediation Levels. Additionally, the reported concentration of toluene, 0.15 mg/kg, collected from sample SB-7-0' is below the ADEQ Groundwater Protection Level (GPL) of 400 mg/kg. No GPL is established for 1,3,5-trimethylbenzene.

None of the groundwater samples reported concentrations of VOCs above their respective LRLs.

## 5.0 CONCLUSIONS AND RECOMMENDATIONS

Miller Brooks performed a Phase II ESA as defined in the SOW of the subject site. Based on the analytical results presented in Section 4.0, Appendix B, and Table 1, the following conclusions and recommendations can be stated:

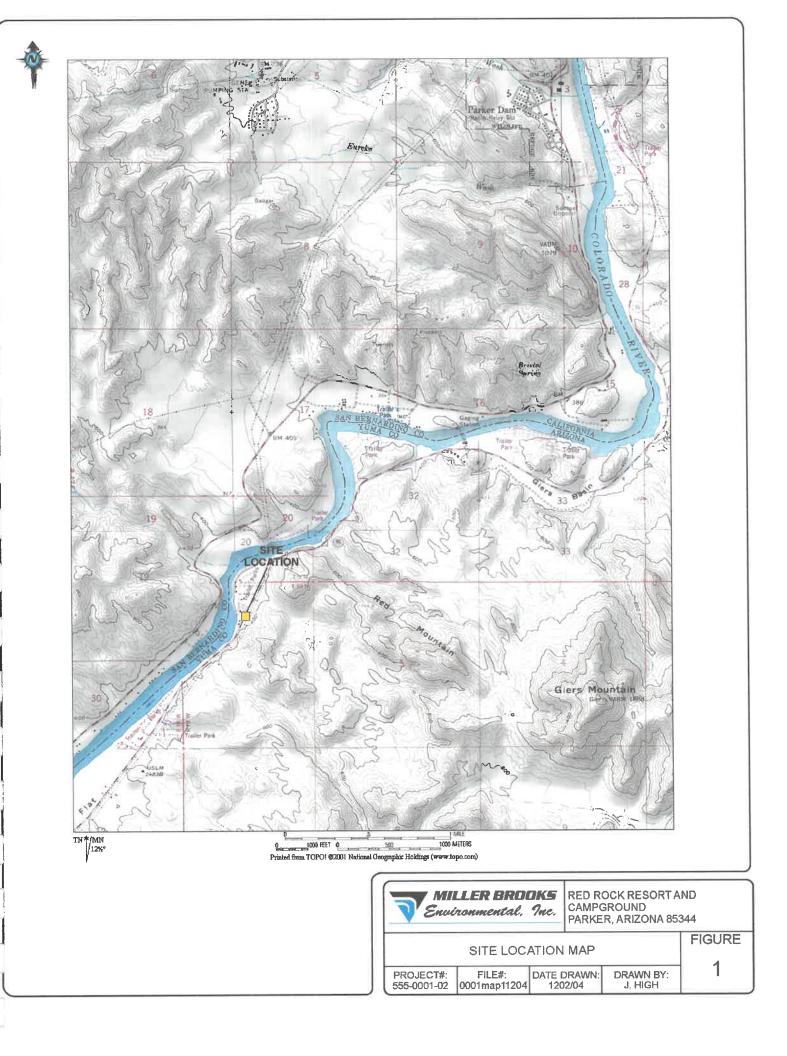
- Based on the investigation, results contaminants of concern (COCs) were identified in surface soil at soil borings SB-4, SB-5, SB-7, and SB-8. It appears the staining observed in the investigation area represents surface- to near surface soil contamination. No subsurface soil samples contained detectable concentrations of the target analytes. The concentration levels of target analytes were below ADEQ SRLs and GPLs. Exposure to COCs in soil and groundwater do not exceed Tier 1 clean-up levels and, therefore, the soil and groundwater in the areas sampled are protective of risk to human health and the environment. It is likely the stained soil area we were not able to sample located northeast of the shop will exhibit similar characteristics.
- Groundwater has not been impacted from releases of contaminants at the site and the detected COC concentrations in soil are protective of groundwater.
- Miller Brooks recommends no further action concerning groundwater and stained soil.
- Miller Brooks recommends that the domestic well on site be registered with ADWR in compliance with Arizona Revised Statues § 45-593.

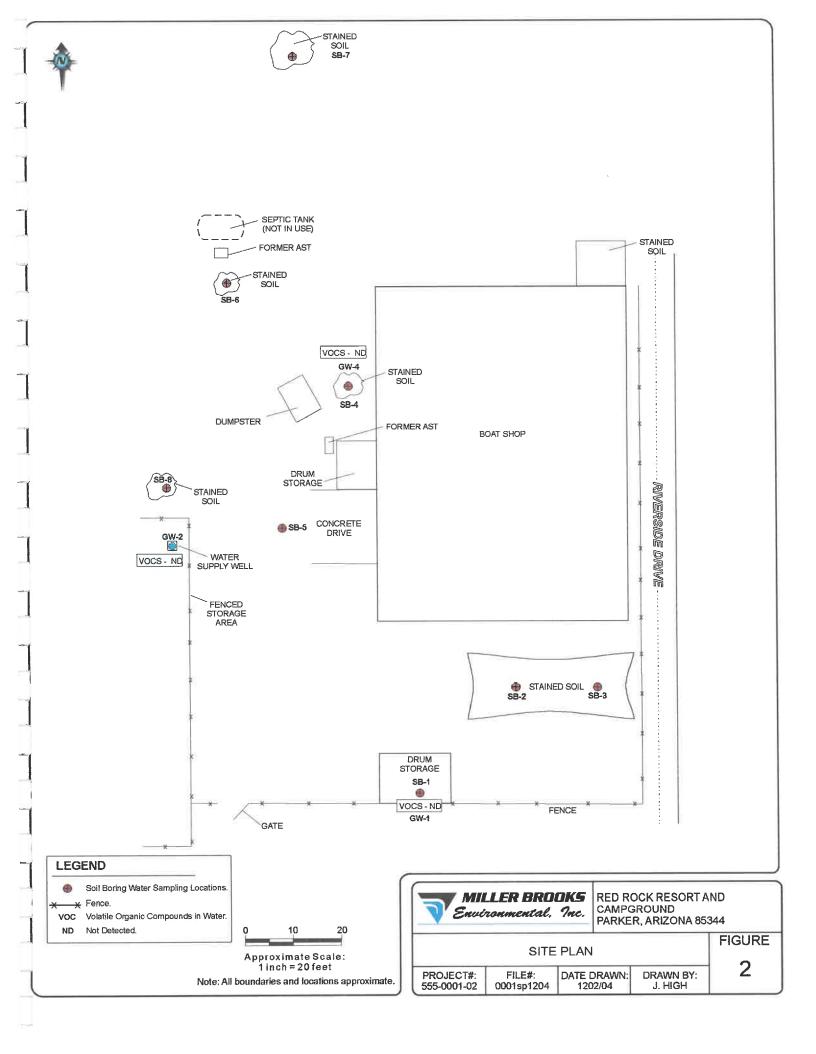
### 6.0 **REFERENCES**

- 1. National Geographic Holdings, 2001, Topographic Map, www.topo.com.
- 2. TAS Environmental, June 2004, Phase I ESA Red Rock Resort & Campground, Lake Havasu City, Arizona.
- 3. Chronic, Halka, 1983, Roadside Geology of Arizona; Mountain Press Publishing Company.
- 4. Miller Brooks Environmental, June 1998, Site Characterization Investigation Report for Circle K Store #0742, Phoenix, Arizona.
- 5. Arizona Department of Water Resources, Arizona Laws Relating to Water, 2002-2003 edition, Phoenix, Arizona

**FIGURES** 

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TABLE

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#### TABLE 1 SUMMARY OF SOIL SAMPLE PRELIMINARY ANALYTICAL RESULTS

## Red Rock Resort 6400 Riverside Drive, Parker, Arizona

Sample	Sample	Sampling	VOCs - I	ADHS 8015AZ	(mg/kg)			
ID	Depth (ft)	Date	Toluene	1,3,5 TMB	Other VOCs	C10 - C22	C22-C32	C10-C32
SB1-0	0	12/9/2004	<0.10	<0.25	ND	<30	<100	<130
SB1-5	5	12/9/2004	<0.10	<0.24	ND	<30	<100	<130
SB1-15	15	12/9/2004	<0.10	<0.25	ND	<30	<100	<130
SB2-0	0	12/9/2004	<0.10	<0.25	ND	<30	<100	<130
SB2-5	5	12/9/2004	<0.10	<0.25	ND	<30	<100	<130
SB2-15	15	12/9/2004	<0.10	<0.23	ND	<30	<100	<130
SB3-0	0	12/9/2004	<0.10	<0.24	ND	<30	<100	<130
SB3-10	10	12/9/2004	<0.10	<0.24	ND	<30	<100	<130
SB3-15	15	12/9/2004	<0.10	<0.25	ND	<30	<100	<130
SB4-0	0	12/9/2004	<0.10	0.24	ND	59	<100	<130
SB4-10	10	12/9/2004	<0.10	<0.24	ND	<30	<100	<130
SB4-15	15	12/9/2004	<0.10	<0.24	ND	<30	<100	<130
SB5-0	0	12/9/2004	<0.10	<1.5	ND	120	780	900
SB5-10	10	12/9/2004	<0.10	<0.26	ND	<30	<100	<130
SB5-15	15	12/9/2004	<0.10	<0.23	ND	<30	<100	<130
SB6-0	0	12/9/2004	<0.10	<0.23	ND	<30	<100	<130
SB6-10	10	12/9/2004	<0.10	<0.25	ND	<30	<100	<130
SB7-0	0	12/9/2004	0.15	<0.26	ND	<30	<100	<130
SB7-5	5	12/9/2004	<0.10	<0.26	ND	<30	<100	<130
SB8-0	0	12/9/2004	ANR	ANR	ANR	68	440	508
SB8-5	-5	12/9/2004	ANR	ANR	ANR	<30	<100	<130
ADE	Q Residenti	al SRLs	790	NE	N/A	NE	NE	4100

Notes:

EPA - Environmental Protection Agency

ADEQ - Arizona Department of Environmental Quality

mg/kg - Milligrams per kilogram, equivalent to parts per million

VOCs - Volatile organic compounds

ND - Not Detected

SRLs - Residential Soil Remediation Levels

Bold - Concentration exceeds applicable laboratory reporting limit

ANR - Analysis not requested

ADHS - Arizona Department of Health Services

1,3,5 TMB - 1,3,5 Trimethylbenzene

**NE - Not Established** 

N/A - Not Applicable

**TPH** -Total Petroleum Hydrocarbons

# APPENDICES

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# APPENDIX A

## SOIL BORING LOGS

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Darie e L*	n Skotch:						Project No: 555-000	1-02	Date Drilled: 12/09/0	)4	Boring No.
Roring Locatio	on okelofi.						Client: NAYLOF				SB-1
								CK RESORT			
								VERSIDE DRIVE			Sheet No.
8								R, ARIZONA			1 of 1
							Logged By: E. TITL		Driller. JOHNSON E		1011
Ē.							Casing installation da				
.L											
rilling Metho	d: DIRECT PUSH	ન									
Boring Diame	ters: 1-1/2"						Top of box elevation:			Ground Level Eleva	tion:
				1			Water Level				
Drilling Length	Sample a Number E	Time	PID	Blow Counts	Well	Soil Group	Time				
Length (Feet)	Number E		(ppm)	per 6"	Detail	Symbol	Date				
0	SB-1-0'	44-05	70.4	N/A		7777	CLAY, WITH SIL	T, DARK REDDISH	-BROWN (5YR 3/3), M	DIST. (CL)	
-		11:35	70.1	N/A	-	199					
T 1						1111					
1 1						1111	3				
						1111	1				
т †				1		1111					
5 -	SB-1-5'	11:50	14.5	N/A	-	191	SAME AS ABO	/E.			
-	0010	11.00			-	11/1	2				
7 1					-	1111	2				
						1111	2				
						1111	2				
т ^с						1111	2				
10 -	SB-1-10'	12:00	9.4	N/A	-	1111	FAT CLAY, YEL	LOWISH-RED (5YF	R 4/6), MOIST.		
	36-1-10	12.00	0.4	IN/A	-	199	3				
-					4	1999	8				
						1111	2				
-L -						111	2				
-						11/1	8				
T 15 -	SB-1-15'	12:20	9.4	N/A	-	1999	SAME AS ABO	OVE			
		12.20		_	-	1999	2				
				_	-	111					
T	-					6.77	8				
1 1						1///					
					7	11/1		RENCOUNTERED			
20 -	<u> </u>		-			199	1				
				-	-	VII.	2				
				_	-	14	2				
-					_	11/1	2				
						111	2				
-						111	2				
25	++				-		-				
-				_			EN	) of Boring @ 2	5'.		
<u> </u>			_		-						
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-1			-		-						
1			_		-						
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		1									



Boring L	ocation S	ketch:						Project No: 555-000	1-02	Date Drilled: 12/09/0	14	Boring No.
								Client: NAYLOF				SB-2
T								1 and the second	CK RESORT			0
							1		VERSIDE ORIVE			Sheet No.
									R, ARIZONA	Honos		1 of 1
T								Logard Fr Emil		DHILLET JOHNSON E	INVIRONMENTAL	
1								Casing installation da	sta:			
Drilling N	Aethod:	DIRECT PUS	SH									
Boring E	)iameters	" 1-1/2"						Top of box elevation:			Ground Level Eleva	tion:
			T				1	Water Level				1
D. IWI		Sample ag Number E	Time	PID	Blow	Well	Soil					
Dtililir Lengt (Feel	th	Sample G Number E	111132	(ppm)	Counts per 6"	Detail	Group Symbol	Time				
								Date	The second second second second		N. ).	
0		SB-2-0'	12:50	22.6	N/A		11/1	CLAY, WITH SIL	T. YEALOWISH RED	(5YR 4/6), MOIST. (C	iL)	
<b>-</b> T							1999					
							1994					
	-						1999	1				
T	-						1111					
	5 <del> </del>	SB-2-5	12:55	5.9	AUA.	-	11/1	SAME AS ABON	/E.			
	-					-	1111	1				
T						-	1411	1				
	_				_		144	1				
			1		_		1111					
T.	0						1111					
1		SB-2-10 ⁴	13:00	6.3	1974		1999	FAT CLAY, YELI	OWSH-RED (SYR)	MOIST.		
							1999					
T	-					-	1111	1				
	-						11/1	1				
	-					-	1111					
T 1	15	SB-2-15'	40.40	5.7	N/A	-	1111	SAME AS ABO	VE.			
	-	00-2-10	13:10	5.7		-						
	-					-		END OF BOR	NG @ 15			
T						_						
	20											
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T	+				-							
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	25				_	-						
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Boring Locatio	n Sketch:			-			Project No: 555-00	01-02	Date Drilled: 12/09/04	Boring No.
							Client: NAVIZ			SB-3
							Facility: RED R	OCK RESORT		
							Location. B400 F	NVERSIOE DRIVE	2	Sheet No.
							City: PARKI	er, Arizona		1 of 1
7							Logood By E. TIT	'US	Driller JOHNSON ENVIRONMENTAL	
							Casing installation	data		
Villing Metho	d: DIRECT P	i HCALI								
	,	064					Top of box elevation	n.	Ground Level Ele	vation:
Boring Diame	ters: 1-1/2*						Top of building			
100		÷					Water Level			
Drilling	Sample	Sample Int	PID	Blow Counts	Well	Seil Group	Time			
Length (Feet)	Number	Sam	(ppm)	per 6"	Detail	Symbol	Date			
0	SB-3-0'		6.0	ADA.		77777		LT AND BITS BIDS	B. YELLOWASH-HED (SYR 4/6), MOIST. (GL)	
		14:00	6.3	: N/A		1999				
T			1		-	1111	1			
						11/1				
						1999	4			
1						1111				
5 -	SB-3-5'	14:08	4.9	3474	1	1111	SAME AS ABO	VE.		
-						1999	2			
T				-		11/1	4			
				_		1999	0			
						11/1	3			
						111	2			
10 -	SB-3-10'	14:14	7. ti	35226	1	1111	FAT CLAY, RE	opisii-aacowii (	SYR 43) MOIST	
-					-	111	3			
7 -					-	6111	3			
			_		-	111	8			
1					-	1111	2			
15 -					-	1111				
10	SB-3-15'	14:26	4.8	N/A			SAME AS AS	OVE.		
7					-	1	END OF BC	RING @ 📴		
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- <b>1</b>				_	-					
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Boring Locatio	on Sketch:	-			- 1			Project No: 555-000	)1-02	Date Drilled: 12/09/	04	Boring No.
								Client: NAYLO		1/		SB-4
								Facility: RED RC	OCK RESORT			
								Location: 6400 R	VERSIDE DRIVE			Sheet No.
								City: PARKE	R, ARIZONA			1 of 1
								Logged By: E. TIT	US	Driller. JOHNSON I	ENVIRONMENTAL	
								Casing installation d	ata:			
Drilling Metho	d: DIRECT P	PUSI	н									
loring Diamet	ters: 1-1/2'				-			Top of box elevation			Ground Level Elevat	ion:
		e Int.		DIE	Blow	261.12	Scil	Water Lovel				
Drilling Length	Sample Numbsr	Sample Int.	Time	PID ((ppm)	Counts per 6"	Well Detaii	Group Symbol	Time			1	
(Feet)		Ű						Date				
0	SB-4-0'		15:30	11.6	N/A		1111	CLAY, WITH SIL	T, SOME STAINING	, REDDISH-BROWN (	5YR 4/4), MOIST. (CL)	
-							1111					
						1	1111	1				
-				1	-		1111	2				
		-		-			1111					
5 -	SB-4-5'	+	46.05	3.2	1110		11/1		THE REPORT OF STATE	INSTRUCT		
-	0D-4-0		15:35	3.2	14A	-	1111	ALEY, WITH ST	л, нешизан вком	(5YR 4/3), MOIST.		
-		_		<u></u>		-	1999	3				
							0.00					
							11/1					
40							1111					
10 -	SB-4-10		15:40	3.6	N//-	1	100	FAT CLAY, RED	DISH-BROWN (5YR	: 4/4), MOIST.		
		1				-						
-		+				-	1111	1				
		+				-	1111					
-		+				-	144	1				
15 —							1999	1				
	SB-4-15'		15:45	3.1	N/A		1999	SAME AS ABC	IVE.			
							1111	3				
							111	3				
		1						3				
-		+					111	1				
20 -		-				-	1111	2				
-		+				-	114	2				
-		-		_			(11)		ENCOUNTERED			
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Boring Locatio	on Sketch:							Project No: 555-000	1-02	Date Drilled: 12/10/0	04	Boring No.
								Client: NAYLOF	3			SB-5
Ť								Facility: RED RC	OCK RESORT			
								Location: 6400 RI	VERSIDE DRIVE			Sheet No.
									R, ARIZONA			1 of 1
w.								Logged By: E. TITU	IS	Driller: JOHNSON E	ENVIRONMENTAL	
								Casing installation da	ata:			
<b>Drilling Metho</b>	d: DIRECT F	PUSH	4									
Boring Diame								Top of box elevation:			Ground Level Eleva	tion:
-		Int.			Blow		Soil	Water Level				
Drilling Length	Sample Number	Sample Int.	Time	PID (ppm)	Counts per 6"	Well Detail	Group Symbol	Time				
(Feet)		ŝ						Date				
0	SB-5-0'		09:05	4.9	N/A			WELL-GRADED (SW)	SAND, WITH GRAV	EL AND SILT, DARK F	EDDISH-BROWN (2.)	5YR 3/4), MOIST.
- 1						1		(/				
		Ħ	1									
		+	1									
		+						-				
5 -												
-	SB-5-5'		09:15	3.3	N/A	-		CLAY, WITH SIL	T, REDDISH-BROW	N (5YR 4/4), MOIST. (	CL)	
- 1												
								-				
								-				
-								-				
10 -	SB-5-10'		09:25	3.5	N/A			FAT CLAY, REDI	DISH-BROWN (5YR	4/4), MOIST.		
		H			-							
							1///					
-		+				-						
- 4		+				-		,				
15						-						
	SB-5-15'		09:35	5.3	N/A			FAI CLAY, YEL	LOWISH-RED (5YR	4/6), WOIST.		
7								END OF BOR	ING @ 15'			
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Soring Locatio	on Sketch:						Project No: 555-000	1-02	Date Drilled: 12/10/0	4	Boring No.					
							Client: NAYLOF				SB-6					
T							Facility: RED RO	CK RESORT								
1							Location: 6400 RP	VERSIDE DRIVE			Sheet No.					
							City: PARKER	R, ARIZONA			1 of 1					
T							Logged By: E. TITU	IS	Driller. JOHNSON E	NVIRONMENTAL						
							Casing installation da									
)rilling Metho	d: DIRECT PL	JSH														
Boring Diame							Top of box elevation:			Ground Level Eleva	Level Elevation:					
				Blow	Weli Detail	Soil	Water Level									
Drilling Length	Sample - Number	Nime Time Sample	PID (ppm)	Counts per 6"		Group Symbol	Time									
Length (Feet)		ß		per e			Date									
0	SB-6-0'	09:50	6.4	N/A			POORLY GRAD	ED, FINE SAND, LIG	SHT BROWN (7.5YR 6)	4), MOIST. (SP)						
-r +																
-																
-																
1 5	SB-6-5'	10:00	8.1	N/A		1111	CLAY, WITH SIL	T AND SAND, YELL	OWISH-RED (5YR 4/6)	, MOIST. (CL)						
-																
T 4		_														
4 1																
T																
10 -	SB-6-10'	10:10	8.4	N/A			CLAY, WITH SA	ND, YELLOWISH-RI	ED (5YR 4/6), MOIST.							
-																
Ψ -					-											
							-									
							-									
					1											
15 -				-	1	111	-									
-L _				-	-											
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Boring Locati	on Sketch:						Project No: 555-000	1-02	Date Drilled: 12/10/0	04	Boring No.			
							Client: NAYLOF	र			SB-7			
T						2		CK RESORT						
Ĩ						Location: 6400 RIVERSIDE DRIVE				Sheet No.				
							City: PARKER, ARIZONA 1 of							
Ŧ							Logged By: E. TITU		Driller. JOHNSON E	ENVIRONMENTAL				
							Casing installation d	ata:						
rilling Metho	DIRECT PL	JSH												
Boring Diame	əters: 1-1/2"					Top of box elevation:			Ground Level Eleva	el Elevation:				
2. Ton	-	<u>H</u>	PID (ppm)	Blow Counts per 6"	Well Detail	Soil	Water Level							
Drilling Length	Sample - Number	Time Time				Group Symbol	Time							
(Feet)		ß		por o			Date	· · · · · · · · · · · · · · · · · · ·						
0	SB-7-0'	10:15	5.2	N/A			CLAY, WITH SIL	T AND SAND, REDD	ISH-BROWN (5YR 4/	3), MOIST. (CL)				
T														
-		_					·							
5 -						11/1	/ -							
1. V.	SB-7-5'	10:25	25.5	N/A			POORLY GRAE	ED SAND, WITH CL	AY, BROWN (10YR 5/	4), MOIST. (SP)				
-														
-		-												
-														
		_		_	-		•							
10 -			-		-	1111			ED (5YR 4/6), MOIST.					
1	SB-7-10'	10:35	4.7	N/A			CLAY, WITH SA							
							-							
T					1									
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1 8				-	1		3							
15 -				_	4		4							
1				_	-									
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7		4												



Boring Locatio	on Sketch:	_						Project No: 555-000	1-02	Date Drilled: 12/10/04	Boring No.
-								Client: NAYLO			SB-8
7									OCK RESORT		
								1	Sheet No.		
								040010	VERSIDE DRIVE		1 of 1
								Logged By E. TITL		Datien JOHNSON ENVIRONMENTAL	1011
Ť								Casing installation d			
1								Casing installation u	hart. B hard a		
<b>Drilling Metho</b>	Drilling Method: DIRECT PUSH										
								Top of box elevation		Ground Level Elev	ation:
		t			Blow		Soil	Water Level			
Drilling Length	Sample Number	Sample Int.	Time	PID (ppm)	Blow Counts per 6"	Well Detail	Group	Time			
(Feet)		Sar	30.5	305 5			Gymbor	Date			
0	SB-8-0'		11:30	10.7	N/A		11/1	CLAY, WITH FIN	IE SAND, BROWN (	7 5YR 4/3), MOIST. (CL)	
-r -		Ħ					1111				
-		++					1111				
1							11/1				
							1/1/	1			
T							1111				
5 -	SB-8-5		11:35	10.6	N/A		VIII	CI AY WITH SA	ND. REDDISH-BRO	WN (5YR 4/4), MOIST	
-	00.00	++	11100	10.0	1 8/ 5 1			Cont, Million		4	
- I											
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#### **APPENDIX B**

#### SOIL SAMPLE ANALYTICAL LABORATORY REPORT

TRANSWEST GEOCHEM

January 05, 2005

Larry Gardiner Miller Brooks Environmental 202 E. Earll Drive, Suite 470 Phoenix, AZ 85012

())))))))

RECEIVED

JAN 0 6 2005

MILLER BROOKS ENVIRONMENTAL, INC.

RE: Red Rocks/555-0001-02

Work Order No.: 0412238

Dear Larry,

Transwest Geochem, Inc. received 32 samples on 12/10/2004 4:50:00 PM for the analyses presented in the following report.

The Case Narrative of this report addresses any Quality Control and/or Quality Assurance issues associated with this Work Order.

A portion of the analysis was performed by Transwest Geochem Tucson ADHS License No. AZ0667.

If you have any questions regarding these test results, please feel free to call us at (602) 437-0330.

Sincerely,

The 2

Vic Nielsen Project Manager

ADHS License No. AZM133/AZ0133

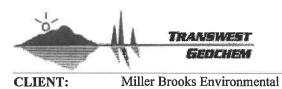
GEOCHEM

Client:	Miller Brooks Environmental	Date Printed: 05-Jan-05
Work Order:	0412238	Case Narrative
<b>Project Name:</b>	Red Rocks	Case Marranye
<b>Project Number:</b>	555-0001-02	

All method blanks, laboratory spikes, and/or matrix spikes met quality control objectives for the parameters associated with this Work Order except as detailed below or on the Data Qualifier page of this report. Data Qualifiers used in this report are in accordance with ADEQ Arizona Data Qualifiers, Revision 2.0 11/26/2003.

Data qualifiers ("flags") contained within this analytical report have been issued to explain a quality control deficiency, and do not affect the quality (validity) of the data unless noted otherwise in the case narrative.

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Red Rocks

0412238 10-Dec-04

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**Project Name:** 

Project Number: Work Order:

Date Received:

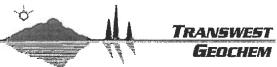
Date Printed04-Jan-05License No.AZM133/AZ0133

# Case Narrative Data Qualifiers

One or more of the following data qualifiers may be associated with your analytical and/or quality control data.

B1	Target analyte detected in method blank at or above the method reporting limit.
D4	Minimum reporting level (MRL) adjusted to reflect sample amount received and analyzed.
V7	Calibration verification recovery was above the method control limit for this analyte, however the average % difference or % drift for all the analytes met method criteria.
370	Calibration multi-station measurements below the mode of sector 111: 12 (1) (1) (1) (1) (1)

V8 Calibration verification recovery was below the method control limit for this analyte, however the average % difference or % drift for all the analytes met method criteria.



0412238

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10-Dec-04

Date Printed 04-Jan-05 License No. AZM133/AZ0133

### CLIENT: Project Name: Project Number: Work Order: Date Received: Client Sample ID SB1-0

Miller Brooks Environmental Red Rocks

Work Order Sample Summary

Client Sample ID	Lab Sample ID	Test Code	<b>Collection Date</b>
SB1-0	0412238-01A	8015AZ	12/9/2004 11:35:00 AM
	0412238-01B	SW8260B	12/9/2004 11:35:00 AM
SB1-5	0412238-02A	8015AZ	12/9/2004 11:50:00 AM
	0412238-02B	SW8260B	12/9/2004 11:50:00 AM
SB1-15	0412238-03A	8015AZ	12/9/2004 12:20:00 PM
	0412238-03B	SW8260B	12/9/2004 12:20:00 PM
SB2-0	0412238-04A	8015AZ	12/9/2004 12:50:00 PM
	0412238-04B	SW8260B	12/9/2004 12:50:00 PM
SB2-5	0412238-05A	8015AZ	12/9/2004 12:55:00 PM
	0412238-05B	SW8260B	12/9/2004 12:55:00 PM
SB2-15	0412238-06A	8015AZ	12/9/2004 1:10:00 PM
	0412238-06B	SW8260B	12/9/2004 1:10:00 PM
SB3-0	0412238-07A	8015AZ	12/9/2004 2:00:00 PM
	0412238-07B	SW8260B	12/9/2004 2:00:00 PM
SB3-10	0412238-08A	8015AZ	12/9/2004 2:14:00 PM
	0412238-08B	SW8260B	12/9/2004 2:14:00 PM
SB3-15	0412238-09A	8015AZ	12/9/2004 2:26:00 PM
	0412238-09B	SW8260B	12/9/2004 2:26:00 PM
GW4	0412238-10A	SW8260B	12/9/2004 4:35:00 PM
SB4-0	0412238-11A	8015AZ	12/9/2004 3:30:00 PM
	0412238-11B	SW8260B	12/9/2004 3:30:00 PM
SB4-10	0412238-12A	8015AZ	12/9/2004 3:40:00 PM
	0412238-12B	SW8260B	12/9/2004 3:40:00 PM
SB4-15	0412238-13A	8015AZ	12/9/2004 3:45:00 PM
	0412238-13B	SW8260B	12/9/2004 3:45:00 PM
GW2	0412238-14A	SW8260B	12/10/2004 8:35:00 AM
GW1	0412238-15A	SW8260B	12/10/2004 8:45:00 AM
SB5-0	0412238-16A	8015AZ	12/10/2004 9:05:00 AM
	0412238-16B	SW8260B	12/10/2004 9:05:00 AM
SB5-10	0412238-17A	8015AZ	12/10/2004 9:25:00 AM
	0412238-17B	SW8260B	12/10/2004 9:25:00 AM
SB5-15	0412238-18A	8015AZ	12/10/2004 9:35:00 AM
	0412238-18B	SW8260B	12/10/2004 9:35:00 AM
SB6-0	0412238-19A	8015AZ	12/10/2004 9:50:00 AM

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SB8-0

SB8-5

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TB

CLIENT:	Miller Brooks Envir	onmental						
<b>Project Name:</b>	Red Rocks		Work Order Sample Sun					
<b>Project Number:</b>								
Work Order:	0412238							
Date Received:	10-Dec-04							
Client Sample ID		Lab Sample ID	Test Code	Collection Date				
SB6-0		0412238-19B	SW8260B	12/10/2004 9:50:00 AM				
SB7-0		0412238-20A	8015AZ	12/10/2004 10:15:00 AM				
		0412238-20B	SW8260B	12/10/2004 10:15:00 AM				
SB7-5		0412238-21A	8015AZ	12/10/2004 10:35:00 AM				
		0412238-21B	SW8260B	12/10/2004 10:35:00 AM				
SB6-10		0412238-22A	8015AZ	12/10/2004 10:10:00 AM				

SW8260B

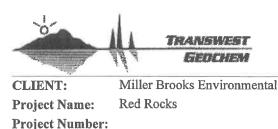
0412238-23A 8015AZ 12/10/2004 11:30:00 AM 8015AZ 0412238-24A 12/10/2004 11:35:00 AM 0412238-32A SW8260B 12/9/2004 4:35:00 PM

0412238-22B

12/10/2004 10:10:00 AM

Nor-	TRANSWEST GEOCHEM	Date Printed 04-Jan-05 License No. AZM133/AZ0133							
CLIENT:	Miller Brooks Environmental								
Project Name:	Red Rocks	Definitions							
Project Number:		Demittons							
Work Order:	0412238								
Date Received:	10-Dec-04								
Analytical Spike	(AS) The AS is a known amount of a target analyte distilled, digested, or extracted and is ready fo if the MS has failed. It is used to indicate inte distillation, digestion, or extraction as opposed	or analysis. The AS is generally performed erference that arises from sample							
Continuing Curve Verification (CCV		es the stability and accuracy of the							
Dilution Factor (I	DF) The DF is an indication of how much a sample on a standard curve. The DF is indicated in the increases as the dilution increases.								
Internal Standard	(IS) The IS is a compound that is similar to the org chemical composition but is unique in that it is concentration of IS is added to every sample f	s rare in the environment. The same							
Laboratory Contr Sample (LCS)	of a target analyte (from the same source as ca of deionized water or other appropriate clean	The LCS is also referred to as a blank spike. The LCS is an addition of a known amount of a target analyte (from the same source as calibration standards or spikes) to an aliquot of deionized water or other appropriate clean matrix. The LCS is processed through the entire method procedure in the same manner as samples.							
Matrix Spike (MS	S) The MS is a known amount of a target analyte through the entire method procedure in the same same same same same same same sam								
Method Blank (M	<ul> <li>The MB is an aliquot of deionized water or ot to be free of the analyte in question. The MB or analysis procedure and is used to indicate c</li> </ul>	is processed through the entire extraction							
Method Detection Limit (MDL)	n The MDL is the lowest level of detection of w	which a method is capable.							
Practical Quantita Limit (PQL)	ation The PQL is the lowest value at which Transwo matrix with a high degree of confidence. The The PQL is greater than or equal to the MDL.	PQL will increase as the DF increases.							
Relative Percent Difference (RPD)	The RPD is a measure of precision (the ability the same sample). It is calculated using the re its associated duplicate result.								
Secondary Source Sample (LCSV)	e QC The LCSV is also referred to as a second sour same type of standard as a calibration or spiki source. The LCSV is an indication of the prir and instrument performance.	ing standard but is obtained from a different							
Surrogate	A surrogate compound is similar to the organic chemical composition but is unique in that it is surrogates are used, they are added to every surrogates are used as an indication of extraction	is rare in the environment. When ample, blank and standard. Surrogate							
Trip Blank (TB)	The TB is a portion of deionized water preser The TB travels from the lab, to the field, and the the field. The TB serves as an indication of c transportation.	then back to the lab with the samples from							

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0412238

10-Dec-04

Work Order: Date Received: Date Printed 04-Jan-05 License No. AZM133/AZ0133

#### References

Transwest Geochem, Inc. uses the methods outlined in the following references:

Code of Federal Regulations, 40CFR, Part 136, Appendix A, 1998.

Standard Methods for the Examination of Water and Wastewater, 19th Edition, 1995.

Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Revised March 1983.

Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, Revised August 1993.

Methods for the Determination of Metals in Environmental Samples, Supplement 1: EPA/600/R-94/111, Revised May 1994.

Methods for the Determination of Organic Compounds in Drinking Water, EPA/600/4-88/039, Revised July, 1991; EPA-600/4-90/020, Supplement I, July 1990; EPA-600/R-92/129; Supplement II, August 1992; EPA-600/R-95/131, Supplement III, August 1995.

Hach, Water Analysis Handbook, 3rd Edition, 1997.

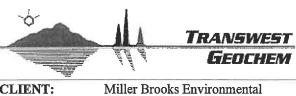
Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition, 1986 including Update I, July 1992; Update IIA, August 1993; Update II; September 1994; Update IIB, January 1995; Update III, December 1996

Bureau of Laboratory Services, State of Arizona Department of Health Services Method 418.1AZ: TPH in Soil, September 1994.

Bureau of Laboratory Services, State of Arizona Department of Health Services Method 8015AZ.R1, September 1998. (Comment: C6-C10 GRO reported by this method is not to be used in compliance situations)

ASTM MethodD4982, Annual Book of ASTM Standards, Volumes 11.01 and 11.02, 1995

The Determination of Polychlorinated Biphenyls in Transformer Fluid and Waste Oils, EPA-600 4-81-045, September 1982.

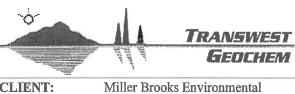


License No. AZM133/AZ0133

CLIENT:Miller Brooks EnvironmWork Order:0412238Lab ID:0412238-01Project Name:Red RocksProject Number:

#### Client Sample ID: SB1-0 Collection Date: 12/9/2004 11:35:00 AM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	t Batch ID
C40 C32 DDO	-20	30		malla	10	8015AZ	10/16/04	10/17/04 04:50	50	2027
C10-C22 DRO	<30 <100	30 100		mg/Kg	1.0	8015AZ	12/15/04 12/15/04	12/17/04 21:52 12/17/04 21:52	RO	8665
C22-C32 ORO		130		mg/Kg	1.0	8015AZ	12/15/04		RO	8665
C10-C32 SRL	<130			mg/Kg	1.0	8015AZ		12/17/04 21:52	RO	8665
o-Terphenyl(Surrogate)	90	70-130		%REC	1.0	DUIDAZ	12/15/04	12/17/04 21:52	RO	8665
Acetone	<1.5	1.5		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS 1	USVOA1_041222A
Benzene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	USVOA1_041222A
Bromobenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS 1	USVOA1_041222A
Bromochloromethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS .	USVOA1_041222A
Bromodichloromethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS 1	USVOA1_041222A
Bromoform	<0.10	0.10		mg/Kg	1,0	SW8260B	12/9/04	12/22/04 10:15	BS 1	USVOA1_041222A
Bromomethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS 1	USVOA1_041222A
2-Butanone	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	USVOA1_041222A
n-Butylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS 1	USVOA1_041222A
sec-Butylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS 1	USVOA1_041222A
tert-Butylbenzene	<0.25	0.25		mg/Kg	1.0	SWB260B	12/9/04	12/22/04 10:15	BS 1	USVOA1_041222A
Carbon disulfide	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	USVOA1_041222A
Carbon tetrachloride	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS 1	USVOA1_041222A
Chlorobenzene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	USVOA1_041222A
Dibromochloromethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS 1	'USVOA1_041222A
Chloroethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	USVOA1_041222A
2-Chloroethylvinylether	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS 1	USVOA1_041222A
Chloroform	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	USVOA1_041222A
Chloromethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS T	USVOA1_041222A
2-Chlorotoluene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	USVOA1_041222A
4-Chlorotoluene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	'USVOA1_041222A
1,2-Dibromo-3-chloropropane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	USVOA1_041222A
1,2-Dibromoethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	USVOA1_041222A
Dibromomethane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222A
1,2-Dichlorobenzene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222A
1,3-Dichlorobenzene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222A
1,4-Dichlorobenzene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222A
Dichlorodifluoromethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222A
1,1-Dichloroethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222A
1,2-Dichloroethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222A
1,1-Dichloroethene	<0.10	0.10		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222A
cis-1,2-Dichloroethene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15		TUSVOA1_0412224
trans-1,2-Dichloroethene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_0412224
1,2-Dichloropropane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_0412224
1,3-Dichloropropane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222A

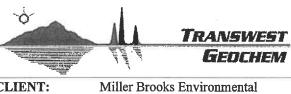


License No. AZM133/AZ0133

CLIENT:	Miller Brooks Environ
Work Order:	0412238
Lab ID:	0412238-01
<b>Project Name:</b>	Red Rocks
<b>Project Number:</b>	

#### Client Sample ID: SB1-0 Collection Date: 12/9/2004 11:35:00 AM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analy	st Batch ID
2,2-Dichloropropane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222A
1,1-Dichloropropene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_0412224
cis-1,3-Dichloropropene	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222A
trans-1,3-Dichloropropene	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_0412224
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_0412224
Hexachlorobutadiene	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_0412224
2-Hexanone	< 0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_0412224
lodomethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_0412224
Isopropylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_0412224
4-isopropyltoluene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222A
Methylene chloride	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222A
4-Methyl-2-pentanone	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_0412224
Methyl tert-butyl ether	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_0412224
Naphthalene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222/
n-Propylbenzene	< 0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222/
Styrene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222/
1,1,1,2-Tetrachloroethane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222/
1,1,2,2-Tetrachloroethane	<0.10	0.10		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222/
Tetrachloroethene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222/
Toluene	<0.10	0.10		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222/
1,2,3-Trichlorobenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222/
1,2,4-Trichlorobenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_0412224
1,1,1-Trichloroethane	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_0412224
1,1,2-Trichloroethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	- TUSVOA1_0412224
Trichloroethene	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222/
Trichlorofluoromethane	< 0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222/
1,2,3-Trichloropropane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222/
1,2,4-Trimethylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222/
1,3,5-Trimethylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222
Vinyl acetate	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222
Vinyl chloride	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222
Xylenes, Total	<0.15	0.15		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222
4-Bromofluorobenzene(Surrogate)	81	70-130		%REC	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222
1,2-Dichloroethane-d4(Surrogate)	77	70-130		%REC	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222
Dibromofluoromethane(Surrogate)	78	70-130		%REC	1.0	SW8260B	12/9/04	12/22/04 10:15	BS	TUSVOA1_041222
	70 80			%REC	1.0	SW8260B				
Toluene-d8(Surrogate)	00	70-130		70KEU	1.0	OWDZOUB	12/9/04	12/22/04 10:15	BS	TUSVOA1_0412

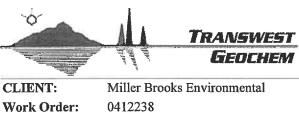


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CLIENT:Miller Brooks EnviroWork Order:0412238Lab ID:0412238-02Project Name:Red RocksProject Number:

#### Client Sample ID: SB1-5 Collection Date: 12/9/2004 11:50:00 AM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	t Batch ID
				b.c	4.0	001513	401/5104			
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	12/15/04	12/17/04 22:25	RO	8665
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/17/04 22:25	RO	8665
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/15/04	12/17/04 22:25	RO	8665
o-Terphenyl(Surrogate)	91	70-130		%REC	1.0	8015AZ	12/15/04	12/17/04 22:25	RO	8665
Acetone	<1.5	1.5		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	USVOA1_041222/
Benzene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	USVOA1_041222
Bromobenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	USVOA1_041222
Bromochloromethane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS .1	USVOA1_041222/
Bromodichloromethane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	USVOA1_041222/
Bromoform	<0.097	0.097		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	USVOA1_041222/
Bromomethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS 1	USVOA1_0412224
2-Butanone	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS 3	USVOA1_041222/
n-Butylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS 1	USVOA1_0412224
sec-Butylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	B\$	USVOA1_041222
tert-Butylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	USVOA1_041222
Carbon disulfide	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	USVOA1_041222
Carbon tetrachloride	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	USVOA1_041222
Chlorobenzene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	USVOA1_041222
Dibromochloromethane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	USVOA1_041222
Chloroethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	USVOA1_041222
2-Chloroethylvinylether	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	USVOA1_041222
Chloroform	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	USVOA1_041222
Chloromethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS ⁻	TUSVOA1_041222
2-Chlorotoluene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	USVOA1_041222
4-Chlorotoluene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50		USVOA1_041222
1,2-Dibromo-3-chloropropane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50		USVOA1_041222
1,2-Dibromoethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50		TUSVOA1_041222
Dibromomethane	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50		TUSVOA1_041222
1,2-Dichlorobenzene	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50		TUSVOA1_041222
1.3-Dichlorobenzene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
1,4-Dichlorobenzene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
Dichlorodifluoromethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
1,1-Dichloroethane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50		TUSVOA1_041222
1,2-Dichloroethane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50		TUSVOA1_041222
1,1-Dichloroethene	<0.097	0.097		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50		- TUSVOA1_041222
cis-1,2-Dichloroethene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50		TUSVOA1_041222
trans-1,2-Dichloroethene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50		TUSVOA1_041222
1,2-Dichloropropane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50		TUSVOA1_04122
1,3-Dichloropropane	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50		TUSVOA1_041222



0412238-02

**Red Rocks** 

Date Printed 04-Jan-05

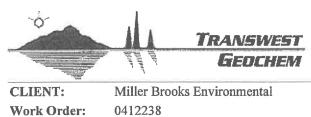
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### Client Sample ID: SB1-5 Collection Date: 12/9/2004 11:50:00 AM Matrix: Soil

Project Name: Project Number:

Lab ID:

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analy	st Batch ID
2,2-Dichloropropane	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222/
1,1-Dichloropropene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222/
cis-1,3-Dichloropropene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222/
trans-1,3-Dichloropropene	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222/
Ethylbenzene	<0.097	0.097		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222/
Hexachlorobutadiene	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
2-Hexanone	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
lodomethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222/
Isopropylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222/
4-Isopropyltoluene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_0412224
Methylene chloride	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_0412224
4-Methyl-2-pentanone	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222/
Methyl tert-butyl ether	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222/
Naphthalene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
n-Propylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
Styrene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
1,1,1,2-Tetrachloroethane	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
1,1,2,2-Tetrachloroethane	<0.097	0.097		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
Tetrachloroethene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
Toluene	<0.097	0.097		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
1,2,3-Trichlorobenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
1,2,4-Trichlorobenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
1,1,1-Trichloroethane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
1,1,2-Trichloroethane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
Trichloroethene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
Trichlorofluoromethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
1,2,3-Trichloropropane	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
1,2,4-Trimethylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
1,3,5-Trimethylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
Vinyl acetate	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
Vinyl chloride	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
Xylenes, Total	<0.15	0.15		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
4-Bromofluorobenzene(Surrogate)	88	70-130		%REC	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_041222
1,2-Dichloroethane-d4(Surrogate)	80	70-130		%REC	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_04122
Dibromofluoromethane(Surrogate)	82	70-130		%REC	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_04122
Toluene-d8(Surrogate)	83	70-130		%REC	0.97	SW8260B	12/9/04	12/22/04 10:50	BS	TUSVOA1_04122



0412238-03

**Red Rocks** 

Date Printed 04-Jan-05

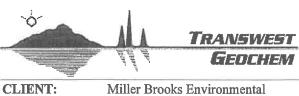
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#### Client Sample ID: SB1-15 Collection Date: 12/9/2004 12:20:00 PM Matrix: Soil

Project Name: Project Number:

Lab ID:

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	t Batch ID
	.00			11.6	4.0	004547	10115101			
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	12/15/04	12/17/04 22:57	RO	8665
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/17/04 22:57	RO	8665
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/15/04	12/17/04 22:57	RO	8665
o-Terphenyl(Surrogate)	94	70-130		%REC	1.0	8015AZ	12/15/04	12/17/04 22:57	RO	8665
Acetone	<1.5	1.5		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
Benzene	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
Bromobenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
Bromochloromethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS .	TUSVOA1_041222A
Bromodichloromethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
Bromoform	<0.10	0.10		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
Bromomethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
2-Butanone	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
n-Butylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
sec-Butylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
tert-Butylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
Carbon disulfide	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
Carbon tetrachloride	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
Chlorobenzene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
Dibromochloromethane	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
Chloroethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
2-Chloroethylvinylether	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
Chloroform	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
Chloromethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
2-Chlorotoluene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
4-Chlorotoluene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
1,2-Dibromo-3-chloropropane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
1,2-Dibromoethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
Dibromomethane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222A
1,2-Dichlorobenzene	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_0412224
1,3-Dichlorobenzene	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222/
1,4-Dichlorobenzene	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222/
Dichlorodifluoromethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222/
1,1-Dichloroethane	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222/
1,2-Dichloroethane	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34		TUSVOA1_041222/
1,1-Dichloroethene	<0.10	0.10		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222/
cis-1,2-Dichloroethene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222/
trans-1,2-Dichloroethene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222
1,2-Dichloropropane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_041222/
1,3-Dichloropropane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_0412224

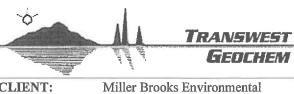


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# CLIENT:Miller Brooks EnvironmentWork Order:0412238Lab ID:0412238-03Project Name:Red RocksProject Number:

#### Client Sample ID: SB1-15 Collection Date: 12/9/2004 12:20:00 PM Matrix: Soil

Analyta	Demili	DOI	Onal	T Terito	DE	Test	Date	Date		/ D
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed		
2,2-Dichloropropane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34		TUSVOA1_04122
1,1-Dichloropropene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
cis-1,3-Dichloropropene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
rans-1,3-Dichloropropene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
Hexachlorobutadiene	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
2-Hexanone	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
odomethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
sopropylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
4-Isopropyltoluene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS ·	TUSVOA1_04122
Methylene chloride	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34		TUSVOA1_04122
4-Methyl-2-pentanone	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
Vethyl tert-butyl ether	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
Naphthalene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
n-Propylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
Styrene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
1,1,1,2-Tetrachloroethane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
1,1,2,2-Tetrachloroethane	<0.10	0.10		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
Tetrachloroethene	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
Toluene	<0.10	0.10		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
1,2,3-Trichlorobenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
1,2,4-Trichlorobenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
1,1,1-Trichloroethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
1,1,2-Trichloroethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
Trichloroethene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34		TUSVOA1_04122
Trichlorofluoromethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
1,2,3-Trichloropropane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
1,2,4-Trimethylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
1,3,5-Trimethylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
Vinyl acetate	<0.50	0.50		mg/Kg	<u>1.0</u>	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
Vinyl chloride	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_0412
Xylenes, Total	<0.15	0.15		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
4-Bromofluorobenzene(Surrogate)	90	70-130		%REC	1.0	SW8260B	12/9/04	12/22/04 12:34		TUSVOA1_04122
1,2-Dichloroethane-d4(Surrogate)	83	70-130		%REC	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
Dibromofluoromethane(Surrogate)	86	70-130		%REC	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122
Toluene-d8(Surrogate)	84	70-130		%REC	1.0	SW8260B	12/9/04	12/22/04 12:34	BS	TUSVOA1_04122

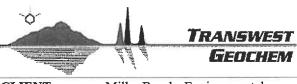


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CLIENT:	Miller Brooks Environme
Work Order:	0412238
Lab ID:	0412238-04
<b>Project Name:</b>	Red Rocks
Project Number:	

#### Client Sample ID: SB2-0 Collection Date: 12/9/2004 12:50:00 PM Matrix: Soil

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analys	t Batch II
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	12/15/04	12/17/04 23:29	RO	8665
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/17/04 23:29	RO	8665
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/15/04	12/17/04 23:29	RO	8665
o-Terphenyl(Surrogate)	97	70-130		%REC	1.0	8015AZ	12/15/04	12/17/04 23:29	RO	8665
Acetone	<1.5	1.5		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	USVOA1_041222
Benzene	<0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	USVOA1_04122
Bromobenzene	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	USVOA1_04122
Bromochloromethane	<0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS .	USVOA1_04122
Bromodichloromethane	<0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	USVOA1_04122
Bromoform	<0.099	0.099		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	USVOA1_04122
Bromomethane	<0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	USVOA1_04122
2-Butanone	<0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	USVOA1_04122
n-Butylbenzene	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	USVOA1_04122
sec-Butylbenzene	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	USVOA1_04122
tert-Butylbenzene	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS T	USVOA1_04122
Carbon disulfide	<0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	USVOA1_04122
Carbon tetrachloride	< 0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	USVOA1_04122
Chlorobenzene	< 0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	USVOA1_04122
Dibromochloromethane	<0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	USVOA1_04122
Chloroethane	<0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
2-Chloroethylvinylether	<0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	USVOA1_04122
Chloroform	<0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
Chloromethane	<0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
2-Chlorotoluene	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS ¹	TUSVOA1_04122
4-Chlorotoluene	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	FUSVOA1_04122
1,2-Dibromo-3-chloropropane	<0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	USVOA1_04122
1,2-Dibromoethane	<0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
Dibromomethane	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
1,2-Dichlorobenzene	< 0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
1,3-Dichlorobenzene	<0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
1,4-Dichlorobenzene	< 0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
Dichlorodifluoromethane	<0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
1,1-Dichloroethane	< 0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
1,2-Dichloroethane	< 0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
1,1-Dichloroethene	<0.099	0.099		mg/Kg	0.99	SWB260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
cis-1,2-Dichloroethene	<0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
trans-1,2-Dichloroethene	< 0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
1,2-Dichloropropane	<0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
1,3-Dichloropropane	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25		TUSVOA1_04122

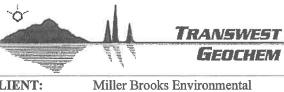


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CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-04Project Name:Red RocksProject Number:

#### Client Sample ID: SB2-0 Collection Date: 12/9/2004 12:50:00 PM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	st Batch ID
2,2-Dichloropropane	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
1,1-Dichloropropene	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
cis-1,3-Dichloropropene	<0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
trans-1,3-Dichloropropene	<0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
Ethylbenzene	<0.099	0.099		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
Hexachiorobutadiene	<0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
2-Hexanone	<0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
lodomethane	< 0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
Isopropylbenzene	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
4-Isopropyltoluene	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
Methylene chloride	<0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
4-Methyl-2-pentanone	<0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
Methyl tert-butyl ether	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
Naphthalene	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
n-Propylbenzene	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
Styrene	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
1,1,1,2-Tetrachloroethane	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
1,1,2,2-Tetrachloroethane	<0.099	0.099		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
Tetrachloroethene	<0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
Toluene	<0.099	0.099		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
1,2,3-Trichlorobenzene	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
1,2,4-Trichlorobenzene	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
1,1,1-Trichloroethane	<0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
1,1,2-Trichloroethane	<0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
Trichtoroethene	<0.049	0.049		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
Trichlorofluoromethane	<0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
1,2,3-Trichloropropane	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
1,2,4-Trimethylbenzene	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
1,3,5-Trimethylbenzene	<0.25	0.25		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_041222
Vinyl acetate	<0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
Vinyl chloride	<0.49	0.49		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
Xylenes, Total	<0.15	0.15		mg/Kg	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
4-Bromofluorobenzene(Surrogate)	103	70-130		%REC	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
1,2-Dichloroethane-d4(Surrogate)	96	70-130		%REC	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
Dibromofluoromethane(Surrogate)	99	70-130		%REC	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122
Toluene-d8(Surrogate)	102	70-130		%REC	0.99	SW8260B	12/9/04	12/22/04 11:25	BS	TUSVOA1_04122

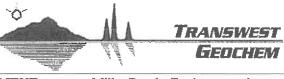


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CLIENT:	Miller Brooks Environ
Work Order:	0412238
Lab ID:	0412238-05
Project Name:	Red Rocks
<b>Project Number:</b>	

#### Client Sample ID: SB2-5 Collection Date: 12/9/2004 12:55:00 PM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	t Batch ID
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 0:01	RO	8665
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 0:01	RO	8665
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 0:01	RO	8665
o-Terphenyl(Surrogate)	96	70-130		%REC	1.0	8015AZ	12/15/04	12/18/04 0:01	RO	8665
Acetone	<1.5	1.5		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Benzene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Bromobenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Bromochloromethane	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS .	TUSVOA1_041222
Bromodichloromethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Bromoform	<0.10	0.10		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Bromomethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
2-Butanone	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222/
n-Butylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
sec-Butylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
tert-Butylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Carbon disulfide	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Carbon tetrachloride	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Chlorobenzene	< 0.050	0.050		mg/Kg	1.0	SWB260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Dibromochloromethane	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01		TUSVOA1_041222
Chloroethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
2-Chloroethylvinylether	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01		TUSVOA1_041222
Chloroform	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01		TUSVOA1_041222
Chloromethane	< 0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01		TUSVOA1_041222
2-Chlorotoluene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
4-Chiorotoluene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01		TUSVOA1_041222
1,2-Dibromo-3-chloropropane	< 0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01		TUSVOA1_041222
1,2-Dibromoethane	< 0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01		TUSVOA1_041222
Dibromomethane	<0.25	0.25		mg/Kg	1.0	SWB260B	12/9/04	12/22/04 16:01		TUSVOA1_041222
1,2-Dichlorobenzene	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01		TUSVOA1_041222
1,3-Dichlorobenzene	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01		
1,4-Dichlorobenzene	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01		- TUSVOA1_041222
Dichlorodifluoromethane	< 0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01		
1,1-Dichloroethane	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01		TUSVOA1_041222
1,2-Dichloroethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01		TUSVOA1_041222
1,1-Dichloroethene	<0.10	0.00		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01		TUSVOA1_041222
cis-1,2-Dichloroethene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01		TUSVOA1_041222
trans-1,2-Dichloroethene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01		TUSVOA1_04122
	<0.050	0.050			1.0	SW8260B	12/9/04	12/22/04 16:01		TUSVOA1_041222
1,2-Dichloropropane				mg/Kg						TUSVOA1_041222
1,3-Dichloropropane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_04

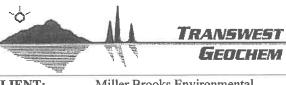


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CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-05Project Name:Red RocksProject Number:

#### Client Sample ID: SB2-5 Collection Date: 12/9/2004 12:55:00 PM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analy	st Batch II
2,2-Dichloropropane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
1,1-Dichloropropene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
cis-1,3-Dichloropropene	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
trans-1,3-Dichloropropene	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Hexachlorobutadiene	< 0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
2-Hexanone	< 0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
lodomethane	< 0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Isopropylbenzene	< 0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
4-Isopropyltoluene	< 0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Methylene chloride	< 0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
4-Methyl-2-pentanone	< 0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Methyl tert-butyl ether	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Naphthalene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
n-Propylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Styrene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
1,1,1,2-Tetrachloroethane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
1,1,2,2-Tetrachloroethane	<0.10	0.10		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Tetrachloroethene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Toluene	<0.10	0.10		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
1,2,3-Trichlorobenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
1,2,4-Trichlorobenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
1,1,1-Trichloroethane	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
1,1,2-Trichloroethane	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Trichloroethene	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Trichlorofluoromethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
1,2,3-Trichloropropane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
1,2,4-Trimethylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
1,3,5-Trimethylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Vinyl acetate	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Vinyl chloride	<0.50	0.50		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Xylenes, Total	<0.15	0.15		mg/Kg	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
4-Bromofluorobenzene(Surrogate)	85	70-130		%REC	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
1,2-Dichloroethane-d4(Surrogate)	82	70-130		%REC	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Dibromofluoromethane(Surrogate)	84	70-130		%REC	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222
Toluene-d8(Surrogate)	76	70-130		%REC	1.0	SW8260B	12/9/04	12/22/04 16:01	BS	TUSVOA1_041222

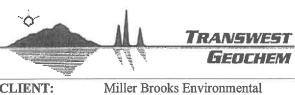


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CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-06Project Name:Red RocksProject Number:

#### Client Sample ID: SB2-15 Collection Date: 12/9/2004 1:10:00 PM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 0:34	PO	8665
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 0:34	RO RO	8665
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 0:34	RO	8665
o-Terphenyl(Surrogate)	92	70-130		%REC	1.0	8015AZ	12/15/04	12/18/04 0:34	RO	8665
Acetone	<1.4	1.4		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS 1	USVOA1_041222A
Benzene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
Bromobenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
Bromochloromethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
Bromodichloromethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
Bromoform	<0.094	0.094		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
Bromomethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
2-Butanone	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
n-Butylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
sec-Butylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
tert-Butylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
Carbon disulfide	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
Carbon tetrachloride	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS 1	USVOA1_041222A
Chlorobenzene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
Dibromochloromethane	< 0.047	0.047		mg/Kg	0.94	SWB260B	12/9/04	12/22/04 13:08	BS 1	USVOA1_041222A
Chloroethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
2-Chloroethylvinylether	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
Chloroform	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
Chloromethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
2-Chlorotoluene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
4-Chlorotoluene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
1,2-Dibromo-3-chloropropane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		USVOA1_041222A
1,2-Dibromoethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS .	USVOA1_041222A
Dibromomethane	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	USVOA1_041222A
1,2-Dichlorobenzene	< 0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	USVOA1_041222A
1,3-Dichlorobenzene	< 0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_041222A
1.4-Dichlorobenzene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	LUSVOA1_041222A
Dichlorodifluoromethane	< 0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	FUSVOA1_041222A
1,1-Dichloroethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:0B	BS	TUSVOA1_041222A
1,2-Dichloroethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_041222A
1,1-Dichloroethene	<0.094	0.094		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		- TUSVOA1_041222A
cis-1,2-Dichloroethene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		TUSVOA1_041222A
trans-1,2-Dichloroethene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		TUSVOA1_041222A
1,2-Dichloropropane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		TUSVOA1_041222A
1,3-Dichloropropane	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08		TUSVOA1_041222A

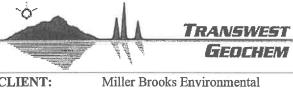


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CLIENT:Miller Brooks EnviroWork Order:0412238Lab ID:0412238-06Project Name:Red RocksProject Number:

#### Client Sample ID: SB2-15 Collection Date: 12/9/2004 1:10:00 PM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analy	st Batch II
2,2-Dichloropropane	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
1,1-Dichloropropene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
cis-1,3-Dichloropropene	< 0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
trans-1,3-Dichloropropene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
Ethylbenzene	< 0.094	0.094		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
Hexachlorobutadiene	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
2-Hexanone	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
lodomethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
Isopropylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
4-isopropyltoluene	< 0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
Methylene chloride	< 0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
4-Methyl-2-pentanone	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
Methyl tert-butyl ether	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
Naphthalene	< 0.23	0.23		mg/Kg	0.94	SW82608	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
n-Propylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
Styrene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
1,1,1,2-Tetrachloroethane	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
1,1,2,2-Tetrachloroethane	< 0.094	0.094		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
Tetrachloroethene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
Toluene	<0.094	0.094		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
1,2,3-Trichlorobenzene	< 0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
1,2,4-Trichlorobenzene	< 0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
1,1,1-Trichloroethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
1,1,2-Trichloroethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
Trichloroethene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
Trichlorofluoromethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
1,2,3-Trichloropropane	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_04122
1,2,4-Trimethylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_0412
1,3,5-Trimethylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_0412
Vinyl acetate	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_0412
Vinyl chloride	< 0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_0412
Xylenes, Total	<0.14	0.14		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 13:0B	BS	TUSVOA1_0412
4-Bromofluorobenzene(Surrogate)	85	70-130		%REC	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_0412
1,2-Dichloroethane-d4(Surrogate)	78	70-130		%REC	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_0412
Dibromofluoromethane(Surrogate)	82	70-130		%REC	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_0412
Toluene-d8(Surrogate)	78	70-130		%REC	0.94	SW8260B	12/9/04	12/22/04 13:08	BS	TUSVOA1_0412



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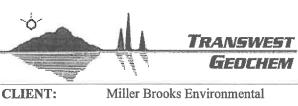
Date Printed 04-Jan-05

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CLIENT:Miller BrookWork Order:0412238Lab ID:0412238-07Project Name:Red RocksProject Number:Ket Rocks

#### Client Sample ID: SB3-0 Collection Date: 12/9/2004 2:00:00 PM Matrix: Soil

A er e la sta	D14	DOT	01	T Tec ! A	00	Test	Date	Date		_
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch I
10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 1:06	RO	8665
22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 1:06	RO	8665
010-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 1:06	RO	8665
o-Terphenyl(Surrogate)	97	70-130		%REC	1.0	8015AZ	12/15/04	12/18/04 1:06	RO	8665
Acetone	<1.5	1.5		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_04122
Benzene	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_04122
Bromobenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_04122
Bromochloromethane	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_04122
Bromodichloromethane	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_04122
Bromoform	< 0.097	0.097		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_04122
Bromomethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_04122
2-Butanone	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35		USVOA1_04122
n-Butylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_04122
ec-Butylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_0412
ert-Butylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_0412
Carbon disulfide	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_0412
Carbon tetrachloride	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35		USVOA1_0412
Chlorobenzene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_0412
Dibromochloromethane	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_0412
Chloroethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_0412
2-Chloroethylvinylether	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35		USVOA1_0412
Chloroform	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_0412
Chloromethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_0412
2-Chlorotoluene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35		USVOA1_0412
-Chlorotoluene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_0412
,2-Dibromo-3-chloropropane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_0412
1,2-Dibromoethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_0412
Dibromomethane	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_0412
1,2-Dichlorobenzene	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_0412
1,3-Dichlorobenzene	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35		USVOA1_0412
1,4-Dichlorobenzene	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS T	USVOA1_0412
Dichlorodifluoromethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35		USVOA1_0412
1,1-Dichloroethane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35		USVOA1_0412
1,2-Dichloroethane	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35		USVOA1_0412
1,1-Dichloroethene	<0.097	0.097		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35		USVOA1_0412
cis-1,2-Dichloroethene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35		USVOA1_0412
trans-1,2-Dichloroethene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35		USVOA1_0412
1,2-Dichloropropane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35		USVOA1_0412
1,3-Dichloropropane	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35		USVOA1_0412



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# CLIENT:Miller Brooks EnvirWork Order:0412238Lab ID:0412238-07Project Name:Red RocksProject Number:

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#### Client Sample ID: SB3-0 Collection Date: 12/9/2004 2:00:00 PM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analy	st Batch I
2,2-Dichloropropane	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
1,1-Dichloropropene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
cis-1,3-Dichloropropene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
rans-1,3-Dichloropropene	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
Ethylbenzene	< 0.097	0.097		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
Hexachlorobutadiene	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
2-Hexanone	< 0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
odomethane	< 0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
sopropylbenzene	< 0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
1-Isopropyltoluene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
Methylene chloride	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
4-Methyl-2-pentanone	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
Methyl tert-butyl ether	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
Naphthalene	< 0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
n-Propylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
Styrene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
1,1,1,2-Tetrachloroethane	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
1,1,2,2-Tetrachloroethane	< 0.097	0.097		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
Tetrachloroethene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
Toluene	<0.097	0.097		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
1,2,3-Trichlorobenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
1,2,4-Trichlorobenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
1,1,1-Trichloroethane	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
1,1,2-Trichloroethane	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_04122
Trichloroethene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
Trichlorofluoromethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
1,2,3-Trichloropropane	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
1,2,4-Trimethylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
1,3,5-Trimethylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
Vinyl acetate	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
Vinyl chloride	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
Xylenes, Total	<0.15	0.15		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
4-Bromofluorobenzene(Surrogate)	86	70-130		%REC	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
1,2-Dichloroethane-d4(Surrogate)	81	70-130		%REC	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
Dibromofluoromethane(Surrogate)	84	70-130		%REC	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412
Toluene-d8(Surrogate)	77	70-130		%REC	0.97	SW8260B	12/9/04	12/22/04 16:35	BS	TUSVOA1_0412

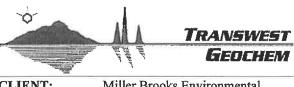
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CLIENT:	Miller Brooks Enviro
Work Order:	0412238
Lab ID:	0412238-08
<b>Project Name:</b>	Red Rocks
<b>Project Number:</b>	

#### Client Sample ID: SB3-10 Collection Date: 12/9/2004 2:14:00 PM Matrix: Soil

		DOI	0 1	** **	DD	Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	t Batch I
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 1:39	RO	8665
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 1:39	RO	8665
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 1:39	RO	8665
o-Terphenyl(Surrogate)	94	70-130		%REC	1.0	8015AZ	12/15/04	12/18/04 1:39	RO	8665
Acetone	<1.4	1.4		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
Benzene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
Bromobenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
Bromochloromethane	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
Bromodichloromethane	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
Bromoform	< 0.095	0.095		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
Bromomethane	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
2-Butanone	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
n-Butylbenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
sec-Butylbenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
tert-Butylbenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
Carbon disulfide	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
Carbon tetrachloride	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
Chlorobenzene	< 0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_0412
Dibromochloromethane	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
Chloroethane	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
2-Chloroethylvinylether	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
Chloroform	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
Chloromethane	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
2-Chlorotoluene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
4-Chlorotoluene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
1,2-Dibromo-3-chloropropane	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_0412
1,2-Dibromoethane	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
Dibromomethane	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_0412
1,2-Dichlorobenzene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_0412
1,3-Dichlorobenzene	<0.047	0.047		mg/Kg	0.95	SWB260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_0412
1,4-Dichlorobenzene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_0412
Dichlorodifluoromethane	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_0412
1,1-Dichloroethane	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	8S	TUSVOA1_0412
1,2-Dichloroethane	< 0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_0412
1,1-Dichloroethene	<0.095	0.095		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_0412
cis-1,2-Dichloroethene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10		TUSVOA1_0412
trans-1,2-Dichloroethene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_0412
1,2-Dichloropropane	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_0412
1,3-Dichloropropane	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_0412

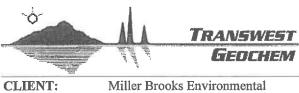


License No. AZM133/AZ0133

CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-08Project Name:Red RocksProject Number:

#### Client Sample ID: SB3-10 Collection Date: 12/9/2004 2:14:00 PM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analy	st Batch II
2,2-Dichloropropane	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
1,1-Dichloropropene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
cis-1,3-Dichloropropene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
trans-1,3-Dichloropropene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
Ethylbenzene	< 0.095	0.095		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
Hexachlorobutadiene	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
2-Hexanone	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
lodomethane	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
Isopropylbenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
4-Isopropyltoluene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
Methylene chloride	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
4-Methyl-2-pentanone	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
Methyl tert-butyl ether	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
Naphthalene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
n-Propylbenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
Styrene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
1,1,1,2-Tetrachloroethane	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
1,1,2,2-Tetrachloroethane	<0.095	0.095		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
Tetrachloroethene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
Toluene	<0.095	0.095		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
1,2,3-Trichlorobenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
1,2,4-Trichlorobenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
1,1,1-Trichloroethane	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
1,1,2-Trichloroethane	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
Trichloroethene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
Trichlorofluoromethane	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
1,2,3-Trichloropropane	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
1,2,4-Trimethylbenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
1,3,5-Trimethylbenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
Vinyl acetate	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
Vinyl chloride	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
Xylenes, Total	<0.14	0.14		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
4-Bromofluorobenzene(Surrogate)	88	70-130		%REC	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
1,2-Dichloroethane-d4(Surrogate)	80	70-130		%REC	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_041222
Dibromofluoromethane(Surrogate)	84	70-130		%REC	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122
Toluene-d8(Surrogate)	79	70-130		%REC	0.95	SW8260B	12/9/04	12/22/04 17:10	BS	TUSVOA1_04122



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#### Miller Brooks Environmental 0412238 0412238-09 Red Rocks

#### Client Sample ID: SB3-15 Collection Date: 12/9/2004 2:26:00 PM Matrix: Soil

Project Name: Project Number:

Work Order:

Lab ID:

						Test	Date	Date		
nalyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	t Batch II
10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 3:48	RO	8665
22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 3:48	RO	8665
10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 3:48	RO	8665
Terphenyl(Surrogate)	92	70-130		%REC	1.0	8015AZ	12/15/04	12/18/04 3:48	RO	8665
cetone	<1.5	1.5		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	rusvoa1_04122
enzene	< 0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	USVOA1_04122
omobenzene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
omochloromethane	< 0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	USVOA1_04122
omodichloromethane	< 0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
romoform	<0.098	0.098		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
omomethane	<0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
Butanone	<0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
Butylbenzene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		USVOA1_04122
ec-Butylbenzene	< 0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	FUSVOA1_04122
rt-Butylbenzene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	USVOA1_04122
arbon disulfide	<0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		USVOA1_04122
arbon tetrachloride	< 0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		USVOA1_04122
hlorobenzene	<0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	USVOA1_04122
ibromochloromethane	<0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		USVOA1_04122
hloroethane	< 0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
Chloroethylvinylether	<0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		FUSVOA1_04122
hloroform	< 0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
hloromethane	<0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
Chlorotoluene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
Chlorotoluene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
2-Dibromo-3-chloropropane	<0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
2-Dibromoethane	<0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
ibromomethane	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
2-Dichlorobenzene	<0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
,3-Dichlorobenzene	<0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
4-Dichlorobenzene	<0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
ichlorodifluoromethane	<0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
,1-Dichloroethane	<0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
,2-Dichloroethane	<0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
,1-Dichloroethene	<0.098	0.098		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
is-1,2-Dichloroethene	<0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
ans-1,2-Dichloroethene	<0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
,2-Dichloropropane	<0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122
,3-Dichloropropane	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45		TUSVOA1_04122



0412238-09

Date Printed 04-Jan-05

License No. AZM133/AZ0133

#### Client Sample ID: SB3-15 Collection Date: 12/9/2004 2:26:00 PM Matrix: Soil

Project Name: Red Rocks Project Number:

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Lab ID:

Amaluta	Dogult	DOI	Onel	Tinita	DE	Test	Date	Date	A	
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed		
2,2-Dichloropropane	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_041222
1,1-Dichloropropene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_041222
cis-1,3-Dichloropropene	<0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
trans-1,3-Dichloropropene	<0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_041222
Ethylbenzene	<0.098	0.098		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
Hexachlorobutadiene	<0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_041222
2-Hexanone	<0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45.	BS	TUSVOA1_041222
lodomethane	<0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_041222
lsopropylbenzene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_041222
4-Isopropyltoluene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_041222
Methylene chloride	<0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_041222
4-Methyl-2-pentanone	< 0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_041222
Methyl tert-butyl ether	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_041222
Naphthalene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
n-Propylbenzene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
Styrene	< 0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
1,1,1,2-Tetrachloroethane	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
1,1,2,2-Tetrachloroethane	< 0.098	0.098		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
Tetrachloroethene	< 0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
Toluene	<0.098	0.098		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
1,2,3-Trichlorobenzene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_041222
1,2,4-Trichlorobenzene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_041222
1,1,1-Trichloroethane	<0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_041222
1,1,2-Trichloroethane	< 0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
Trichloroethene	<0.049	0.049		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
Trichlorofluoromethane	<0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_041222
1,2,3-Trichloropropane	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
1,2,4-Trimethylbenzene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
1,3,5-Trimethylbenzene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
Vinyl acetate	<0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
Vinyl chloride	<0.49	0.49		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
Xylenes, Total	<0.15	0.15		mg/Kg	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
4-Bromofluorobenzene(Surrogate)	80	70-130		%REC	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
1,2-Dichloroethane-d4(Surrogate)	73	70-130		%REC	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
Dibromofluoromethane(Surrogate)	77	70-130		%REC	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122
Toluene-d8(Surrogate)	73	70-130		%REC	0.98	SW8260B	12/9/04	12/22/04 17:45	BS	TUSVOA1_04122

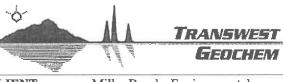


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CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-10Project Name:Red RocksProject Number:

#### Client Sample ID: GW4 Collection Date: 12/9/2004 4:35:00 PM Matrix: Water

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch II
Acetone	<20	20		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Benzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Bromobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Bromochloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Bromodichloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Bromoform	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Bromomethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
2-Butanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
n-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV 🔗	N41217B
sec-Butylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
ert-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Carbon disulfide	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Carbon tetrachloride	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Chlorobenzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Dibromochloromethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Chloroethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Chloroform	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Chloromethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
2-Chlorotoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
4-Chlorotoluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,2-Dibromoethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Dibromomethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	ŇV	N41217B
1,2-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,3-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,4-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Dichlorodifluoromethane	<2.0	2.0	V8	µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,2-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,1-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
cis-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
trans-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	ŇV	N41217B
1,3-Dichloropropane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
2,2-Dichloropropane	< 0.50	0.50		μg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,1-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
trans-1,3-Dichloropropene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B



License No. AZM133/AZ0133

CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-10Project Name:Red RocksProject Number:

### Client Sample ID: GW4 Collection Date: 12/9/2004 4:35:00 PM

Matrix: Water

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch II
2-Hexanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
lodomethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Isopropylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
4-Isopropyltoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Methylene chloride	<3.0	3.0	B1	µg/Ŀ	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
4-Methyl-2-pentanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Methyl tert-butyl ether	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
n-Propylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Styrene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,1,1,2-Tetrachloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,1,2,2-Tetrachloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Tetrachloroethene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Toluene	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,2,4-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,1,1-Trichloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,1,2-Trichloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Trichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Trichlorofluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N412178
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Vinyl chloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
4-Bromofluorobenzene(Surrogate)	97	67-110		%REC	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Dibromofluoromethane(Surrogate)	70	59-113		%REC	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
1,2-Dichloroethane-d4(Surrogate)	62	49-116		%REC	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B
Toluene-d8(Surrogate)	77	63-111		%REC	1.0	SW8260B	N/A	12/18/04 2:23	NV	N41217B



License No. AZM133/AZ0133

CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-11Project Name:Red RocksProject Number:

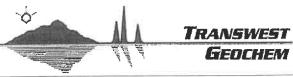
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#### Client Sample ID: SB4-0 Collection Date: 12/9/2004 3:30:00 PM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	Batch ID
C10-C22 DRO	59	30		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 4:20	RO	8665
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 4:20	RO	8665
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 4:20	RO	8665
o-Terphenyl(Surrogate)	99	70-130		%REC	1.0	8015AZ	12/15/04	12/18/04 4:20	RO	8665
Acetone	<1.4	1.4		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	USVOA1_0412224
Benzene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	USVOA1_0412224
Bromobenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	USVOA1_0412224
Bromochloromethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_0412224
Bromodichloromethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	USVOA1_0412224
Bromoform	<0.094	0.094		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS ⁻	USVOA1_041222A
Bromomethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_0412224
2-Butanone	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_0412224
n-Butylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222/
sec-Butylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
tert-Butylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
Carbon disulfide	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
Carbon tetrachloride	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
Chlorobenzene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
Dibromochloromethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
Chloroethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
2-Chloroethylvinylether	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
Chloroform	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
Chloromethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
2-Chlorotoluene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
4-Chlorotoluene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
1,2-Dibromo-3-chloropropane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
1.2-Dibromoethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
Dibromomethane	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
1,2-Dichlorobenzene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
1,3-Dichlorobenzene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
1,4-Dichlorobenzene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
Dichlorodifluoromethane	<0.47	0,47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
1,1-Dichloroethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
1,2-Dichloroethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_04122
1,1-Dichloroethene	<0.094	0.094		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28		TUSVOA1_041222
cis-1,2-Dichloroethene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222
trans-1,2-Dichloroethene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_04122
1,2-Dichloropropane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_04122
1,3-Dichloropropane	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28		TUSVOA1_04122



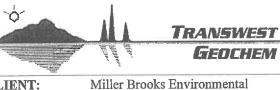
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CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-11Project Name:Red RocksProject Number:

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#### Client Sample ID: SB4-0 Collection Date: 12/9/2004 3:30:00 PM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analy	st Batch ID
2,2-Dichloropropane	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
1,1-Dichloropropene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
cis-1,3-Dichloropropene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
trans-1,3-Dichloropropene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
Ethylbenzene	<0.094	0.094		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
Hexachlorobutadiene	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
2-Hexanone	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
lodomethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
Isopropylbenzene	<0.23	0.23		mg/Kg	0.94	SWB260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
4-Isopropyltoluene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
Methylene chloride	<0.47	0.47		mg/Kg	0,94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
4-Methyl-2-pentanone	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
Methyl tert-butyl ether	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
Naphthalene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
n-Propylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
Styrene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
1,1,1,2-Tetrachloroethane	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
1,1,2,2-Tetrachloroethane	<0.094	0.094		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
Tetrachloroethene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
Toluene	<0.094	0.094		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
1,2,3-Trichlorobenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
1,2,4-Trichlorobenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
1,1,1-Trichloroethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
1,1,2-Trichloroethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
Trichloroethene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
Trichlorofluoromethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
1,2,3-Trichloropropane	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
1,2,4-Trimethylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
1,3,5-Trimethylbenzene	0.24	0.23		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
Vinyl acetate	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
Vinyl chloride	<0.47	0.47		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
Xylenes, Total	<0.14	0.14		mg/Kg	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
4-Bromofluorobenzene(Surrogate)	83	70-130		%REC	0.94	SW8260B	12/9/04	12/22/04 19:28	BS	TUSVOA1_041222A
1.2-Dichloroethane-d4(Surrogate)	84	70-130		%REC	0.94	SW8260B	12/9/04	12/22/04 19:28		TUSVOA1_041222A
Dibromofluoromethane(Surrogate)	89	70-130		%REC	0.94	SW8260B	12/9/04	12/22/04 19:28		TUSVOA1_041222A
Toluene-d8(Surrogate)	79	70-130		%REC	0.94	SW8260B	12/9/04	12/22/04 19:28		TUSVOA1_041222A
i uluene-uo(Sunogale)	75	10-100		701120	0.0 6					_



License No. AZM133/AZ0133

CLIENT:	Miller Brooks Environn
Work Order:	0412238
Lab ID:	0412238-12
<b>Project Name:</b>	Red Rocks
Project Number	

#### Client Sample ID: SB4-10 Collection Date: 12/9/2004 3:40:00 PM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	t Batch II
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 4:53	RO	8665
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 4:53	RO	8665
)10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 4:53	RO	8665
-Terphenyl(Surrogate)	93	70-130		%REC	1.0	8015AZ	12/15/04	12/18/04 4:53	RO	8665
Acetone	<1.4	1.4		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_04122
Benzene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_04122
Bromobenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
Bromochloromethane	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	B\$	TUSVOA1_0412
Bromodichloromethane	<0.047	0.047		mg/Kg	0.95	SWB260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
Bromoform	<0.095	0.095		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
Bromomethane	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
2-Butanone	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
n-Butylbenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
sec-Butylbenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
tert-Butylbenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
Carbon disulfide	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
Carbon tetrachloride	< 0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
Chlorobenzene	< 0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
Dibromochloromethane	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
Chloroethane	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
2-Chloroethylvinylether	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
Chloroform	< 0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
Chloromethane	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
2-Chlorotoluene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
4-Chlorotoluene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412
1,2-Dibromo-3-chloropropane	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54		TUSVOA1_0412
1,2-Dibromoethane	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54		TUSVOA1_0412
Dibromomethane	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54		TUSVOA1_0412
	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54		TUSVOA1_0412
1,2-Dichlorobenzene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54		TUSVOA1_041
1,3-Dichlorobenzene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54		TUSVOA1_0412
1,4-Dichlorobenzene	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54		TUSVOA1_041
Dichlorodifluoromethane	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54		TUSVOA1_041
1,1-Dichloroethane	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54		TUSVOA1_041
1,2-Dichloroethane		0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54		TUSVOA1_041
1,1-Dichloroethene	<0.095			mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54		TUSVOA1_041
cis-1,2-Dichloroethene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54		TUSVOA1_041
trans-1,2-Dichloroethene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54		TUSVOA1_041
1,2-Dichloropropane	<0.047	0.047				SW8260B	12/9/04	12/22/04 18:54		TUSVOA1_041
1,3-Dichloropropane	<0.24	0.24		mg/Kg	0.95	CHIOTOD	12/0/04	1012007 10.04	- 00	1004001-041



License No. AZM133/AZ0133

CLIENT: Work Orde Lab ID: **Project Name:** Red Rocks **Project Number:** 

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	Miller Brooks Environmental
ler:	0412238
	0412238-12
	Pod Dooks

#### Client Sample ID: SB4-10 Collection Date: 12/9/2004 3:40:00 PM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	st Batch ID
2,2-Dichloropropane	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_0412224
1,1-Dichloropropene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222/
cis-1,3-Dichloropropene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222/
rans-1,3-Dichloropropene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222/
Ethylbenzene	<0.095	0.095		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222/
Hexachlorobutadiene	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
2-Hexanone	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
lodomethane	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
Isopropylbenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
4-Isopropyltoluene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
Methylene chloride	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
4-Methyl-2-pentanone	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
Methyl tert-butyl ether	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
Naphthalene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
n-Propylbenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
Styrene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
1,1,1,2-Tetrachloroethane	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
1,1,2,2-Tetrachloroethane	<0.095	0.095		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
Tetrachloroethene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
Toluene	<0.095	0.095		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
1.2.3-Trichlorobenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
1,2,4-Trichlorobenzene	<0.24	0.24		mg/Kg	0.95	SWB260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
1,1,1-Trichloroethane	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
1,1,2-Trichloroethane	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
Trichloroethene	<0.047	0.047		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
Trichlorofluoromethane	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
1,2,3-Trichloropropane	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_041222
1,2,4-Trimethylbenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_04122
1,3,5-Trimethylbenzene	<0.24	0.24		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_04122
Vinyl acetate	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_04122
Vinyl chloride	<0.47	0.47		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_04122
Xylenes, Total	<0.14	0.14		mg/Kg	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_04122
4-Bromofluorobenzene(Surrogate)	84	70-130		%REC	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_04122
1,2-Dichloroethane-d4(Surrogate)	77	70-130		%REC	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_04122
Dibromofluoromethane(Surrogate)	80	70-130		%REC	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_04122
Toluene-d8(Surrogate)	76	70-130		%REC	0.95	SW8260B	12/9/04	12/22/04 18:54	BS	TUSVOA1_04122

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## TRANSWEST GEOCHEM

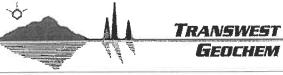
Date Printed 04-Jan-05

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CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-13Project Name:Red RocksProject Number:

#### Client Sample ID: SB4-15 Collection Date: 12/9/2004 3:45:00 PM Matrix: Soil

						Test	Date	Date		
analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	t Batch II
10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 5:25	RO	8665
22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 5:25	RO	8665
10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 5:25	RO	8665
-Terphenyl(Surrogate)	88	70-130		%REC	1.0	8015AZ	12/15/04	12/18/04 5:25	RO	8665
cetone	<1.5	1.5		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
lenzene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
romobenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
romochloromethane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS ·	TUSVOA1_04122
romodichloromethane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
Bromoform	< 0.097	0.097		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
Bromomethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
-Butanone	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
Butylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
ec-Butylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
ert-Butylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
Carbon disulfide	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
Carbon tetrachloride	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
Chlorobenzene	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
Dibromochloromethane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
Chloroethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
2-Chloroethylvinylether	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
Chloroform	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
Chloromethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
2-Chlorotoluene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
4-Chlorotoluene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
1,2-Dibromo-3-chloropropane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
1,2-Dibromoethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
Dibromomethane	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
1,2-Dichlorobenzene	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
1,3-Dichlorobenzene	< 0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
1,4-Dichlorobenzene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
Dichlorodifluoromethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
1,1-Dichloroethane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
1,2-Dichloroethane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
1,1-Dichloroethene	<0.097	0.097		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
cis-1,2-Dichloroethene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
trans-1,2-Dichloroethene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
1,2-Dichloropropane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412
1,3-Dichloropropane	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_0412



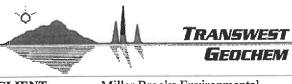
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CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-13Project Name:Red RocksProject Number:

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#### Client Sample ID: SB4-15 Collection Date: 12/9/2004 3:45:00 PM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	st Batch II
2,2-Dichloropropane	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_041222
I,1-Dichloropropene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_041222
cis-1,3-Dichloropropene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_041222
rans-1,3-Dichloropropene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_041222
Ethylbenzene	< 0.097	0.097		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_041222
Hexachlorobutadiene	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_041222
2-Hexanone	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_041222
odomethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_041222
sopropylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_041222
4-Isopropyltoluene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_041222
Methylene chloride	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_041222
4-Methyl-2-pentanone	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_041222
Methyl tert-butyl ether	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_041222
Naphthalene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_041222
n-Propylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
Styrene	<0.24	0.24		mg/Kg	0.97	SW82608	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
1,1,1,2-Tetrachloroethane	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
1,1,2,2-Tetrachloroethane	<0.097	0.097		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
Tetrachloroethene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
Toluene	<0.097	0.097		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
1,2,3-Trichlorobenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
1,2,4-Trichlorobenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
1,1,1-Trichloroethane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
1,1,2-Trichloroethane	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
Trichloroethene	<0.049	0.049		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
Trichlorofluoromethane	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
1,2,3-Trichloropropane	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
1,2,4-Trimethylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
1,3,5-Trimethylbenzene	<0.24	0.24		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
Vinyl acetate	<0.49	0.49		mg/Kg	0.97	SW82608	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
Vinyl chloride	<0.49	0.49		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
Xylenes, Total	<0.15	0.15		mg/Kg	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
4-Bromofluorobenzene(Surrogate)	78	70-130		%REC	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
1,2-Dichloroethane-d4(Surrogate)	70	70-130		%REC	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
Dibromofluoromethane(Surrogate)	72	70-130		%REC	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122
Toluene-d8(Surrogate)	71	70-130		%REC	0.97	SW8260B	12/9/04	12/22/04 18:20	BS	TUSVOA1_04122



License No. AZM133/AZ0133

CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-14Project Name:Red RocksProject Number:

#### Client Sample ID: GW2 Collection Date: 12/10/2004 8:35:00 AM Matrix: Groundwater

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch II
Acetone	<20	20		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Benzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	ŇV	N41220A
Bromobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Bromochloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Bromodichloromethane	<0.50	0.50		µg/L	1.0	SWB260B	N/A	12/20/04 13:45	NV	N41220A
Bromoform	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Bromomethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
2-Butanone	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
n-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B ~	N/A	12/20/04 13:45	NV	N41220A
sec-Butylbenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
tert-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Carbon disulfide	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Carbon tetrachloride	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Chlorobenzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Dibromochloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Chloroethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Chloroform	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Chloromethane					1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
2-Chlorotoluene	<1.5	1.5 2.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
4-Chiorotoluene	<2.0			µg/L		SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45		N41220A
1,2-Dibromoethane	<0.50	0.50		µg/L	1.0	SW8260B			NV	N41220A
Dibromomethane	<0.50	0.50		µg/L	1.0		N/A	12/20/04 13:45	NV	
1,2-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,3-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,4-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Dichlorodifluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,2-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,1-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
cis-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
trans-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45		N41220A
1,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,3-Dichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
2,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,1-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
cis-1,3-Dichloropropene	<1.0	1.0		µg/L	1.0	SWB260B	N/A	12/20/04 13:45	NV	N41220A
trans-1,3-Dichloropropene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45		N41220A
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A



Collection Date: 12/10/2004 8:35:00 AM

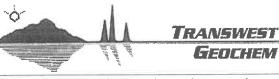
Matrix: Groundwater

Client Sample ID: GW2

License No. AZM133/AZ0133

# CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-14Project Name:Red RocksProject Number:

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
2-Hexanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
lodomethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Isopropylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
4-Isopropyltoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Methylene chloride	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
4-Methyl-2-pentanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Methyl tert-butyl ether	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
n-Propylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Styrene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,1,1,2-Tetrachloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Tetrachloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Toluene	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,2,3-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,2,4-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,1,1-Trichloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,1,2-Trichloroethane	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Trichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Trichlorofluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Vinyl chloride	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Xylenes, Total	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
4-Bromofluorobenzene(Surrogate)	99	67-110		%REC	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Dibromofluoromethane(Surrogate)	69	59-113		%REC	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
1,2-Dichloroethane-d4(Surrogate)	60	49-116		%REC	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A
Toluene-d8(Surrogate)	76	63-111		%REC	1.0	SW8260B	N/A	12/20/04 13:45	NV	N41220A



Collection Date: 12/10/2004 8:45:00 AM

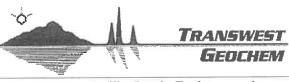
Matrix: Groundwater

Client Sample ID: GW1

License No. AZM133/AZ0133

CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-15Project Name:Red RocksProject Number:

#### Test Date Date Analyzed Analyst Units DF Code Analyte Result PQL Qual Prepared Batch ID SW8260B N/A 12/20/04 14:23 <20 20 µg/L 1.0 NV N41220A Acetone 1.0 SW8260B N/A 12/20/04 14:23 NV N41220A 0.50 µg/L < 0.50 Benzene SW8260B N/A 12/20/04 14:23 N41220A 1.5 µg/L 1.0 NV Bromobenzene <1.5 1.0 SW8260B N/A 12/20/04 14:23 NV N41220A < 0.50 0.50 µg/L Bromochloromethane SW8260B N/A 12/20/04 14:23 N41220A <0.50 0.50 µg/L 1.0 NV Bromodichloromethane 1.0 SW8260B N/A 12/20/04 14:23 NV N41220A <1.0 1.0 µg/L Bromoform µg/L 1.0 SW8260B N/A 12/20/04 14:23 NV N41220A Bromomethane <5.0 5.0 <5.0 5.0 µg/L 1.0 SW8260B N/A 12/20/04 14:23 NV N41220A 2-Butanone SW8260B N/A 12/20/04 14:23 1.0 NV N41220A <2.5 2.5 µg/L n-Butylbenzene SW8260B N/A 12/20/04 14:23 N41220A sec-Butylbenzene <1.5 1.5 µg/L 1.0 NV 1.0 SW8260B N/A 12/20/04 14:23 NV N41220A <2.5 2.5 µg/L tert-Butylbenzene SW8260B N/A 12/20/04 14:23 N41220A < 0.50 0.50 µg/L 1.0 NV Carbon disulfide 1.0 SW8260B N/A 12/20/04 14:23 NV N41220A < 0.50 0.50 µg/L Carbon tetrachloride SW8260B N/A 12/20/04 14:23 NV N41220A < 0.50 0.50 μg/L 1.0 Chlorobenzene SW8260B N/A 12/20/04 14:23 N41220A 1.0 NV Dibromochloromethane < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/20/04 14:23 NV N41220A <5.0 5.0 µg/L Chloroethane < 0.50 0.50 µg/L 1.0 SW8260B N/A 12/20/04 14:23 NV N41220A Chloroform SW8260B 12/20/04 14:23 <5.0 5.0 µg/L 1.0 N/A NV N41220A Chloromethane SW8260B N/A 12/20/04 14:23 N41220A 1.0 NV <1.5 1.5 µg/L 2-Chlorotoluene SW8260B N/A 12/20/04 14:23 NV N41220A 1.0 4-Chlorotoluene <2.0 2.0 µg/L 12/20/04 14:23 2.0 1.0 SW8260B N/A NV N41220A <2.0 µg/L 1,2-Dibromo-3-chloropropane SW8260B N/A 12/20/04 14:23 N41220A 1.0 NV < 0.50 0.50 µg/L 1,2-Dibromoethane <0.50 0.50 µg/L 1.0 SW8260B N/A 12/20/04 14:23 NV N41220A Dibromomethane N/A 1.0 SW8260B 12/20/04 14:23 NV N41220A <1.5 1.5 µg/L 1,2-Dichlorobenzene N/A 12/20/04 14:23 N41220A SW8260B NV <1.5 1.5 µg/L 1.0 1,3-Dichlorobenzene SW8260B N/A 12/20/04 14:23 NV N41220A <1.5 1.5 µg/L 1.0 1,4-Dichlorobenzene 1.0 SW8260B N/A 12/20/04 14:23 NV N41220A 2.0 μg/L Dichlorodifluoromethane <2.0 SW8260B N/A 12/20/04 14:23 N41220A µg/L 1.0 NV <1.0 1.0 1,1-Dichloroethane SW8260B N/A 12/20/04 14:23 NV N41220A µg/L 1.0 <1.0 10 1,2-Dichloroethane SW8260B N/A 12/20/04 14:23 N41220A 1.0 NV < 0.50 0.50 µg/L 1,1-Dichloroethene 12/20/04 14:23 N41220A 1.0 SW8260B N/A NV < 0.50 0.50 µg/L cis-1,2-Dichloroethene SW8260B N/A 12/20/04 14:23 N41220A NV 1.0 trans-1,2-Dichloroethene < 0.50 0.50 µg/L 12/20/04 14:23 N41220A 0.50 µg/L 1.0 SW8260B N/A NV <0.50 1,2-Dichloropropane µg/L SW8260B N/A 12/20/04 14:23 NV N41220A 1.0 <1.0 1.0 1,3-Dichloropropane SW8260B N/A 12/20/04 14:23 NV N41220A <0.50 0.50 µg/L 1.0 2,2-Dichloropropane SW8260B N/A 12/20/04 14:23 NV N41220A µg/L 1.0 <1.0 1.0 1,1-Dichloropropene N/A 12/20/04 14:23 N41220A 1.0 SW8260B NV <1.0 1.0 µg/L cis-1,3-Dichloropropene N/A 12/20/04 14:23 N41220A 1.0 SW8260B NV < 0.50 0.50 µg/L trans-1,3-Dichloropropene SW8260B N/A 12/20/04 14:23 NV N41220A 2.0 µg/L 1.0 <2.0 Ethylbenzene N41220A SW8260B N/A 12/20/04 14:23 NV µg/L 1.0 <5.0 5.0 Hexachlorobutadiene

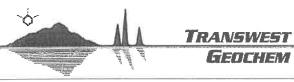


License No. AZM133/AZ0133

# CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-15Project Name:Red RocksProject Number:

### Client Sample ID: GW1 Collection Date: 12/10/2004 8:45:00 AM Matrix: Groundwater

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
2-Hexanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
lodomethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
Isopropylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
4-Isopropyitoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
Methylene chloride	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
4-Methyl-2-pentanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
Methyl tert-butyl ether	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
n-Propylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
Styrene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
1,1,1,2-Tetrachloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
1,1,2,2-Tetrachloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
Tetrachloroethene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
Toluene	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
1,2,4-Trichlorobenzene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
1,1,1-Trichloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
1,1,2-Trichloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
Trichloroethene	< 0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
Trichlorofluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
Vinyl acetate	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
Vinyl chloride	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
Xylenes, Total	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
4-Bromofluorobenzene(Surrogate)	99	67-110		%REC	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
Dibromofluoromethane(Surrogate)	71	59-113		%REC	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
1,2-Dichloroethane-d4(Surrogate)	63	49-116		%REC	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A
Toluene-d8(Surrogate)	79	63-111		%REC	1.0	SW8260B	N/A	12/20/04 14:23	NV	N41220A

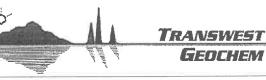


License No. AZM133/AZ0133

CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-16Project Name:Red RocksProject Number:

# Client Sample ID: SB5-0 Collection Date: 12/10/2004 9:05:00 AM Matrix: Soil

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analys	t Batch ID
C10-C22 DRO	120	30		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 5:57	RO	8665
C22-C32 ORO	780	100		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 5:57	RO	8665
C10-C32 SRL	900	130		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 5:57	RO	8665
o-Terphenyl(Surrogate)	95	70-130		%REC	1.0	8015AZ	12/15/04	12/18/04 5:57	RO	8665
Acetone	<1.5	1.5		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
Benzene	<0.049	0.049		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222/
Bromobenzene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222/
Bromochloromethane	<0.049	0.049		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222/
Bromodichloromethane	<0.049	0.049		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222/
Bromoform	<0.098	0.098		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222A
Bromomethane	<0.49	0.49		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222A
2-Butanone	<0.49	0.49		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222/
n-Butylbenzene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222/
sec-Butylbenzene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222/
tert-Butylbenzene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
Carbon disulfide	<0.49	0.49		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
Carbon tetrachloride	< 0.049	0.049		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
Chlorobenzene	< 0.049	0.049		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
Dibromochloromethane	< 0.049	0.049		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
Chloroethane	<0.49	0.49		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
2-Chloroethylvinylether	<0.49	0.49		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
Chloroform	<0.049	0.049		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
Chloromethane	<0.49	0.49		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
2-Chlorotoluene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
4-Chlorotoluene	<0.25	0.25		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
1,2-Dibromo-3-chloropropane	<0.49	0.49		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
1,2-Dibromoethane	<0.49	0.49		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
Dibromomethane	<0.25	0.25		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
1,2-Dichlorobenzene	<0.049	0.049		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
1,3-Dichlorobenzene	< 0.049	0.049		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
1,4-Dichlorobenzene	< 0.049	0.049		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
Dichlorodifluoromethane	<0.49	0.49		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
1,1-Dichloroethane	<0.049	0.049		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
1,2-Dichloroethane	<0.049	0.049		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00		TUSVOA1_041222
1,1-Dichloroethene	<0.098	0.098		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00		TUSVOA1_041222
cis-1,2-Dichloroethene	<0.049	0.049		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00		TUSVOA1_041222
trans-1,2-Dichloroethene	<0.049	0.049		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00		TUSVOA1_041222
1,2-Dichloropropane	<0.049	0.049		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00	BS	TUSVOA1_041222
1,3-Dichloropropane	<0.25	0.25		mg/Kg	0.98	SW8260B	12/10/04	12/22/04 12:00		TUSVOA1_041222



Collection Date: 12/10/2004 9:05:00 AM

Client Sample ID: SB5-0

Matrix: Soil

License No. AZM133/AZ0133

CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-16Project Name:Red RocksProject Number:

#### Test Date Date DF Analyte Result POL Qual Units Code Prepared Analyzed Analyst Batch ID 0.98 SW8260B 12/10/04 12/22/04 12:00 TUSVOA1_041222A < 0.25 0.25 mg/Kg BS 2,2-Dichloropropane <0.25 0.25 mg/Kg 0.98 SW8260B 12/10/04 12/22/04 12:00 BS TUSVOA1_041222A 1,1-Dichloropropene SW8260B 12/10/04 0.98 12/22/04 12:00 < 0.049 0.049 mg/Kg BS TUSVOA1_041222A cis-1,3-Dichloropropene SW8260B 12/10/04 0.98 12/22/04 12:00 BS TUSVOA1_041222A trans-1.3-Dichloropropene < 0.049 0.049 mg/Kg SW8260B 12/10/04 12/22/04 12:00 <0.098 0.098 mg/Kg 0.98 BS TUSVOA1_041222A Ethylbenzene SW8260B 12/10/04 12/22/04 12:00 0.49 0.98 BS TUSVOA1_041222A Hexachlorobutadiene <0.49 mg/Kg 0.98 SW8260B 12/10/04 12/22/04 12:00 BS TUSVOA1_041222A < 0.49 0.49 mg/Kg 2-Hexanone SW8260B 12/10/04 12/22/04 12:00 0.49 mg/Kg 0.98 BS TUSVOA1_041222A lodomethane < 0.49 SW8260B 12/10/04 12/22/04 12:00 < 0.25 0.25 mg/Kg 0.98 BS TUSVOA1_041222A Isopropylbenzene 0.98 SW8260B 12/10/04 12/22/04 12:00 BS 0.25 TUSVOA1_041222A < 0.25 mg/Kg 4-Isopropyltoluene SW8260B 12/10/04 12/22/04 12:00 Methylene chloride < 0.49 0.49 mg/Kg 0.98 BS TUSVOA1_041222A 0.98 SW8260B 12/10/04 12/22/04 12:00 BS TUSVOA1_041222A 0.49 < 0.49 mg/Kg 4-Methyl-2-pentanone SW8260B 12/10/04 12/22/04 12:00 0.25 0.98 BS TUSVOA1_041222A Methyl tert-butyl ether < 0.25 mg/Kg 0.98 SW8260B 12/10/04 12/22/04 12:00 BS TUSVOA1_041222A < 0.25 0.25 mg/Kg Naphthalene SW8260B 12/10/04 12/22/04 12:00 <0.25 0.25 mg/Kg 0.98 BS TUSVOA1_041222A n-Propylbenzene SW8260B 12/10/04 12/22/04 12:00 BS <0.25 0.25 mg/Kg 0.98 TUSVOA1_041222A Styrene 0.98 SW8260B 12/10/04 12/22/04 12:00 BS TUSVOA1_041222A 0.25 mg/Kg < 0.25 1,1,1,2-Tetrachloroethane 0.098 mg/Kg 0.98 SW8260B 12/10/04 12/22/04 12:00 BS TUSVOA1_041222A <0.098 1,1,2,2-Tetrachloroethane SW8260B 12/10/04 < 0.049 0.049 mg/Kg 0.98 12/22/04 12:00 BS TUSVOA1_041222A Tetrachloroethene SW8260B 12/10/04 12/22/04 12:00 0.98 BS TUSVOA1_041222A <0.098 0.098 mg/Kg Toluene SW8260B 12/10/04 12/22/04 12:00 BS 0.98 TUSVOA1_041222A 1.2.3-Trichlorobenzene <0.25 0.25 mg/Kg 0.25 0.98 SW8260B 12/10/04 12/22/04 12:00 BS TUSVOA1_041222A <0.25 mg/Kg 1,2,4-Trichlorobenzene SW8260B 12/10/04 12/22/04 12:00 BS TUSVOA1_041222A 0.049 mg/Kg 0.98 < 0.049 1.1.1-Trichloroethane < 0.049 0.049 mg/Kg 0.98 SW8260B 12/10/04 12/22/04 12:00 BS TUSVOA1_041222A 1,1,2-Trichloroethane 0.98 SW8260B 12/10/04 12/22/04 12:00 BS TUSVOA1_041222A < 0.049 0.049 mg/Kg Trichloroethene SW8260B 12/10/04 12/22/04 12:00 BS TUSVOA1_041222A < 0.49 0.49 mg/Kg 0.98 Trichlorofluoromethane SW8260B 12/10/04 12/22/04 12:00 BS TUSVOA1_041222A < 0.25 0.25 mg/Kg 0.98 1,2,3-Trichloropropane SW8260B 12/10/04 12/22/04 12:00 TUSVOA1 041222A 0.98 BS mg/Kg 1,2,4-Trimethylbenzene < 0.25 0.25 SW8260B 12/10/04 12/22/04 12:00 <0.25 0.25 0.98 BS TUSVOA1_041222A mg/Kg 1,3,5-Trimethylbenzene SW8260B 12/10/04 12/22/04 12:00 BS TUSVOA1_041222A < 0.49 0.49 mg/Kg 0.98 Vinyl acetate SW82608 12/10/04 12/22/04 12:00 TUSVOA1_041222A 0.98 BS < 0.49 0.49 mg/Kg Vinyl chloride 0.98 SW8260B 12/10/04 12/22/04 12:00 BS TUSVOA1_041222A <0.15 0.15 mg/Kg Xylenes, Total SW8260B 12/10/04 12/22/04 12:00 TUSVOA1_041222A 0.98 BS %REC 4-Bromofluorobenzene(Surrogate) 89 70-130 SW8260B 12/10/04 12/22/04 12:00 TUSVOA1_041222A 85 70-130 %REC 0.98 BS 1,2-Dichloroethane-d4(Surrogate) 0.98 SW8260B 12/10/04 12/22/04 12:00 BS TUSVOA1_041222A 87 70-130 %REC Dibromofluoromethane(Surrogate) SW8260B 12/10/04 12/22/04 12:00 TUSVOA1_041222A %REC 0.98 BS Toluene-d8(Surrogate) 85 70-130



License No. AZM133/AZ0133

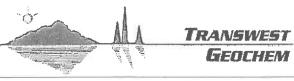
CLIENT:	Miller Brooks Environmental
Work Order:	0412238
Lab ID:	0412238-17
<b>Project Name:</b>	Red Rocks
<b>Project Number:</b>	555-0001-02

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# Client Sample ID: SB5-10 Collection Date: 12/10/2004 9:25:00 AM Matrix: SOIL

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analys	t Batch II
		- (-					1			Durbin in
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 6:30	RO	8665
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 6:30	RO	8665
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 6:30	RO	8665
o-Terphenyl(Surrogate)	94	70-130		%REC	1.0	8015AZ	12/15/04	12/18/04 6:30	RO	8665
Acetone	<1.5	1.5		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222
Benzene	<0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222
Bromobenzene	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222
Bromochloromethane	< 0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222
Bromodichloromethane	<0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222
Bromoform	<0.10	0.10		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222
Bromomethane	<0.51	0.51		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222
2-Butanone	<0.51	0.51		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222
n-Butylbenzene	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222
sec-Butylbenzene	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222
tert-Butylbenzene	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
Carbon disulfide	<0.51	0.51		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
Carbon tetrachloride	<0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
Chlorobenzene	< 0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
Dibromochloromethane	<0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
Chloroethane	< 0.51	0.51		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
2-Chloroethylvinylether	<0.51	0.51		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
Chloroform	< 0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
Chloromethane	<0.51	0.51		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
2-Chlorotoluene	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
4-Chlorotoluene	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
1,2-Dibromo-3-chloropropane	<0.51	0.51		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
1,2-Dibromoethane	< 0.51	0.51		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOÁ1_04122
Dibromomethane	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
1.2-Dichlorobenzene	< 0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
1,3-Dichlorobenzene	< 0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
1,4-Dichlorobenzene	< 0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
Dichlorodifluoromethane	< 0.51	0.51		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
1,1-Dichloroethane	< 0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
1,2-Dichloroethane	<0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49		TUSVOA1_04122
1.1-Dichloroethene	<0.10	0.10		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
cis-1,2-Dichloroethene	< 0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
trans-1,2-Dichloroethene	< 0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
1,2-Dichloropropane	<0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122
1,3-Dichloropropane	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_04122



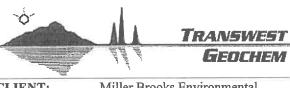
License No. AZM133/AZ0133

CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-17Project Name:Red RocksProject Number:555-0001-02

## Client Sample ID: SB5-10 Collection Date: 12/10/2004 9:25:00 AM Matrix: SOIL

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analy	st Batch ID
2,2-Dichloropropane	<0.26	0.26		mg/Kg	1.0	SWB260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
1,1-Dichloropropene	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
cis-1,3-Dichloropropene	< 0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
trans-1,3-Dichloropropene	< 0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
Hexachlorobutadiene	<0.51	0.51		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
2-Hexanone	<0.51	0.51		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
lodomethane	<0.51	0.51		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
lsopropylbenzene	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
4-Isopropyltoluene	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
Methylene chloride	<0.51	0.51		mg/Kg	1.0	\$W8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
4-Methyl-2-pentanone	<0.51	0.51		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
Methyl tert-butyl ether	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
Naphthalene	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
n-Propylbenzene	< 0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
Styrene	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
1,1,1,2-Tetrachloroethane	< 0.26	0.26		mg/Kg	1,0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
1,1,2,2-Tetrachloroethane	<0.10	0.10		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
Tetrachloroethene	< 0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
Toluene	<0.10	0.10		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
1,2,3-Trichlorobenzene	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
1,2,4-Trichlorobenzene	< 0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
1,1,1-Trichloroethane	<0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
1,1,2-Trichloroethane	<0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
Trichloroethene	< 0.051	0.051		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
Trichlorofluoromethane	< 0.51	0.51		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
1,2,3-Trichloropropane	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
1,2,4-Trimethylbenzene	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
1,3,5-Trimethylbenzene	<0.26	0.26		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
Vinyl acetate	<0.51	0.51		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
Vinyl chloride	<0.51	0.51		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
Xylenes, Total	<0.15	0.15		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
4-Bromofluorobenzene(Surrogate)	81	70-130		%REC	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
1.2-Dichloroethane-d4(Surrogate)	74	70-130		%REC	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
Dibromofluoromethane(Surrogate)	75	70-130		%REC	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A
Toluene-d8(Surrogate)	74	70-130		%REC	1.0	SW8260B	12/10/04	12/23/04 1:49	BS	TUSVOA1_041222A

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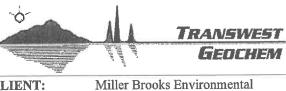


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CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-18Project Name:Red RocksProject Number:

# Client Sample ID: SB5-15 Collection Date: 12/10/2004 9:35:00 AM Matrix: Soil

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analys	t Batch ID
								•		
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 7:02	RO	8665
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 7:02	RO	8665
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 7:02	RO	8665
o-Terphenyl(Surrogate)	95	70-130		%REC	1.0	8015AZ	12/15/04	12/18/04 7:02	RO	8665
Acetone	<1.4	1.4		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	FUSVOA1_041222
Benzene	<0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
Bromobenzene	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
Bromochloromethane	< 0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
Bromodichloromethane	< 0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
Bromoform	<0.092	0.092		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222/
Bromomethane	<0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222/
2-Butanone	<0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
n-Butylbenzene	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222/
sec-Butylbenzene	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
tert-Butylbenzene	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
Carbon disulfide	<0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
Carbon tetrachloride	< 0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
Chlorobenzene	<0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
Dibromochloromethane	<0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
Chloroethane	<0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
2-Chloroethylvinylether	< 0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
Chloroform	< 0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
Chloromethane	<0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
2-Chlorotoluene	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
4-Chlorotoluene	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
1,2-Dibromo-3-chloropropane	<0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
1,2-Dibromoethane	<0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
Dibromomethane	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
1,2-Dichlorobenzene	< 0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
1,3-Dichlorobenzene	<0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
1,4-Dichlorobenzene	<0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
Dichlorodifluoromethane	<0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_04122
1,1-Dichloroethane	<0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
1,2-Dichloroethane	<0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
1,1-Dichloroethene	< 0.092	0.092		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
cis-1,2-Dichloroethene	<0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_04122
trans-1,2-Dichloroethene	<0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_04122
1,2-Dichloropropane	<0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_04122
1,3-Dichloropropane	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_04122

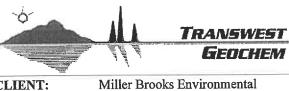


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CLIENT:	Miller Brooks Environme
Work Order:	0412238
Lab ID:	0412238-18
<b>Project Name:</b>	Red Rocks
Project Number:	

# Client Sample ID: SB5-15 Collection Date: 12/10/2004 9:35:00 AM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analy	st Batch ID
2,2-Dichloropropane	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
1,1-Dichloropropene	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
cis-1,3-Dichloropropene	< 0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
trans-1,3-Dichloropropene	< 0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
Ethylbenzene	< 0.092	0.092		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
Hexachlorobutadiene	<0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
2-Hexanone	<0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
lodomethane	<0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
isopropylbenzene	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
4-Isopropyltoluene	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
Methylene chloride	<0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
4-Methyl-2-pentanone	<0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
Methyl tert-butyl ether	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
Naphthalene	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
n-Propylbenzene	< 0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
Styrene	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
1,1,1,2-Tetrachloroethane	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
1,1,2,2-Tetrachloroethane	<0.092	0.092		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_0412224
Tetrachloroethene	<0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
Toluene	< 0.092	0.092		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
1,2,3-Trichlorobenzene	< 0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
1,2,4-Trichlorobenzene	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
1,1,1-Trichloroethane	<0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
1,1,2-Trichloroethane	<0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
Trichloroethene	<0.046	0.046		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS [,]	TUSVOA1_0412224
Trichlorofluoromethane	<0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_0412224
1,2,3-Trichloropropane	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222A
1,2,4-Trimethylbenzene	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_0412224
1,3,5-Trimethylbenzene	<0.23	0.23		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222/
Vinyl acetate	<0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
Vinyl chloride	<0.46	0.46		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222/
Xylenes, Total	<0.14	0.14		mg/Kg	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_0412224
4-Bromofluorobenzene(Surrogate)	85	70-130		%REC	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
1,2-Dichloroethane-d4(Surrogate)	74	70-130		%REC	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
Dibromofluoromethane(Surrogate)	75	70-130		%REC	0.92	SWB260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222
Toluene-d8(Surrogate)	76	70-130		%REC	0.92	SW8260B	12/10/04	12/23/04 2:24	BS	TUSVOA1_041222/

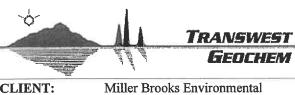


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CLIENT:	Miller Brooks Envi
Work Order:	0412238
Lab ID:	0412238-19
Project Name:	Red Rocks
<b>Project Number</b>	¢ 0

# Client Sample ID: SB6-0 Collection Date: 12/10/2004 9:50:00 AM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	t Batch II
	<30	30		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 7:34	RO	8665
C10-C22 DRO C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 7:34	RO	8665
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 7:34	RO	8665
p-Terphenyl(Surrogate)	100	70-130		%REC	1.0	8015AZ	12/15/04	12/18/04 7:34	RO	8665
,										
Acetone	<1.4	1.4		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222
Benzene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
Bromobenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222
Bromochloromethane	< 0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS -	TUSVOA1_04122
Bromodichloromethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
Bromoform	< 0.094	0.094		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
Bromomethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
2-Butanone	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
n-Butylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
sec-Butylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
ert-Butylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
Carbon disulfide	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
Carbon tetrachloride	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
Chlorobenzene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
Dibromochloromethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
Chloroethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
2-Chloroethylvinylether	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
Chloroform	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
Chloromethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
2-Chlorotoluene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
4-Chlorotoluene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
1,2-Dibromo-3-chloropropane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
1,2-Dibromoethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
Dibromomethane	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_04122
1,2-Dichlorobenzene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412
1,3-Dichlorobenzene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412
1,4-Dichlorobenzene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412
Dichlorodifluoromethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412
1,1-Dichloroethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412
1,2-Dichloroethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412
1,1-Dichloroethene	<0.094	0.094		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412
cis-1,2-Dichloroethene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412
trans-1,2-Dichloroethene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412
1,2-Dichloropropane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412
1,3-Dichloropropane	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412

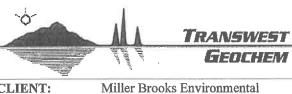


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CLIENT:Miller Brooks EnviroWork Order:0412238Lab ID:0412238-19Project Name:Red RocksProject Number:

# Client Sample ID: SB6-0 Collection Date: 12/10/2004 9:50:00 AM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	st Batch ID
2,2-Dichloropropane	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222A
1,1-Dichloropropene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222A
cis-1,3-Dichloropropene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222A
trans-1,3-Dichloropropene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222A
Ethylbenzene	<0.094	0.094		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222A
Hexachlorobutadiene	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222A
2-Hexanone	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222A
lodomethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222A
Isopropylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222A
4-Isopropyitoluene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222A
Methylene chloride	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222A
4-Methyl-2-pentanone	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222A
Methyl tert-butyl ether	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222A
Naphthalene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412224
n-Propylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412224
Styrene	< 0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412224
1,1,1,2-Tetrachloroethane	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222/
1,1,2,2-Tetrachloroethane	<0.094	0.094		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222/
Tetrachloroethene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412224
Toluene	<0.094	0.094		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222/
1,2,3-Trichlorobenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412224
1,2,4-Trichlorobenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222/
1,1,1-Trichloroethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222/
1,1,2-Trichloroethane	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_0412224
Trichloroethene	<0.047	0.047		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222/
Trichlorofluoromethane	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222/
1,2,3-Trichloropropane	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222/
1,2,4-Trimethylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222
1,3,5-Trimethylbenzene	<0.23	0.23		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222
Vinyl acetate	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222
Vinyl chloride	<0.47	0.47		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222/
Xylenes, Total	<0.14	0.14		mg/Kg	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222
4-Bromofluorobenzene(Surrogate)	90	70-130		%REC	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222
1,2-Dichloroethane-d4(Surrogate)	81	70-130		%REC	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222
Dibromofluoromethane(Surrogate)	83	70-130		%REC	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222
Toluene-d8(Surrogate)	83	70-130		%REC	0.94	SW8260B	12/10/04	12/23/04 2:59	BS	TUSVOA1_041222

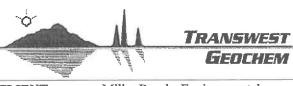


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CLIENT:	Miller Brooks Enviro
Work Order:	0412238
Lab ID:	0412238-20
<b>Project Name:</b>	Red Rocks
<b>Project Number:</b>	

# Client Sample ID: SB7-0 Collection Date: 12/10/2004 10:15:00 AM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	t Batch II
	<30	30		malka	1.0	8015AZ	12/15/04	12/18/04 8:07	00	8665
C10-C22 DRO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 8:07	RO RO	8665
C22-C32 ORO		130		mg/Kg mg/Kg	1.0	8015AZ	12/15/04	12/18/04 8:07		8665
C10-C32 SRL	<130 97	70-130		%REC	1.0	8015AZ	12/15/04	12/18/04 8:07	RO RO	8665
o-Terphenyl(Surrogate)	57	70-130		AREC	1.0	001372	12/13/04	12/10/04 0.07	RU	0000
Acetone	<1.6	1.6	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	USVOA1_04122
Benzene	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
Bromobenzene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
Bromochloromethane	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	USVOA1_04122
Bromodichloromethane	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS ⁻	TUSVOA1_04122
Bromoform	<0.11	0.11	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS -	TUSVOA1_04122
Bromomethane	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS ⁻	TUSVOA1_04122
2-Butanone	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
n-Butylbenzene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS [·]	FUSVOA1_04122
sec-Butylbenzene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
tert-Butylbenzene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	FUSVOA1_04122
Carbon disulfide	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	USVOA1_04122
Carbon tetrachloride	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS ¹	FUSVOA1_04122
Chlorobenzene	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS ⁻	FUSVOA1_04122
Dibromochloromethane	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
Chloroethane	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
2-Chloroethylvinylether	< 0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
Chloroform	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
Chloromethane	< 0.53	0.53	Đ4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
2-Chlorotoluene	<0.26	0.26	·D4	mg/Kg	1.1	SWB260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
4-Chlorotoluene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
1,2-Dibromo-3-chloropropane	< 0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
1,2-Dibromoethane	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
Dibromomethane	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_0412
1,2-Dichlorobenzene	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
1,3-Dichlorobenzene	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_0412
1,4-Dichlorobenzene	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_0412
Dichlorodifluoromethane	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_0412
1,1-Dichloroethane	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_0412
1,2-Dichloroethane	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_0412
1,1-Dichloroethene	<0.11	0.11	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_0412
cis-1,2-Dichloroethene	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_0412
trans-1,2-Dichloroethene	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_0412
1,2-Dichloropropane	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_0412
1,3-Dichloropropane	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_0412

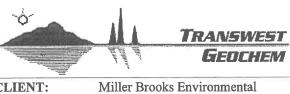


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# CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-20Project Name:Red RocksProject Number:

# Client Sample ID: SB7-0 Collection Date: 12/10/2004 10:15:00 AM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analy	st Batch II
2,2-Dichloropropane	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
1,1-Dichloropropene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
cis-1,3-Dichloropropene	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
trans-1,3-Dichloropropene	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
Ethylbenzene	<0.11	0.11	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
Hexachlorobutadiene	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
2-Hexanone	< 0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
lodomethane	< 0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
Isopropylbenzene	<0.26	.0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
4-Isopropyltoluene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
Methylene chloride	< 0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
4-Methyl-2-pentanone	< 0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
Methyl tert-butyl ether	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
Naphthalene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
n-Propylbenzene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
Styrene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
1,1,1,2-Tetrachloroethane	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
1,1,2,2-Tetrachloroethane	<0.11	0.11	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
Tetrachloroethene	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
Toluene	0.15	0.11	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
1,2,3-Trichlorobenzene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
1,2,4-Trichlorobenzene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
1,1,1-Trichloroethane	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
1,1,2-Trichloroethane	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
Trichloroethene	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
Trichlorofluoromethane	< 0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_041222
1,2,3-Trichloropropane	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
1,2,4-Trimethylbenzene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
1,3,5-Trimethylbenzene	<0.26	0.26	D4	mg/Kg	1.1	SWB260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
Vinyl acetate	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
Vinyl chloride	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
Xylenes, Total	<0.16	0.16	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
4-Bromofluorobenzene(Surrogate)	88	70-130		%REC	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
1,2-Dichloroethane-d4(Surrogate)	80	70-130		%REC	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
Dibromofluoromethane(Surrogate)	80	70-130		%REC	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122
Toluene-d8(Surrogate)	84	70-130		%REC	1.1	SW8260B	12/10/04	12/23/04 4:09	BS	TUSVOA1_04122



License No. AZM133/AZ0133

CLIENT:Miller Brooks EnvirWork Order:0412238Lab ID:0412238-21Project Name:Red RocksProject Number:

# Client Sample ID: SB7-5 Collection Date: 12/10/2004 10:35:00 AM Matrix: Soil

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analve	Batch ID
	TADAIL	• Xn	Lum	Q1110		0040	Tichman		. mary 5	
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 9:11	RO	8665
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 9:11	RO	8665
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 9:11	RO	8665
o-Terphenyl(Surrogate)	101	70-130		%REC	1.0	8015AZ	12/15/04	12/18/04 9:11	RO	8665
Acetone	<1.6	1.6	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	USVOA1_0412224
Benzene	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	USVOA1_041222/
Bromobenzene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	USVOA1_041222/
Bromochloromethane	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	USVOA1_041222/
Bromodichloromethane	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	USVOA1_041222/
Bromoform	<0.11	0.11	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	USVOA1_041222A
Bromomethane	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	USVOA1_0412224
2-Butanone	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS ¹	USVOA1_0412224
n-Butylbenzene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS [·]	USVOA1_041222A
sec-Butylbenzene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	USVOA1_041222/
tert-Butylbenzene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS ⁻	USVOA1_041222
Carbon disulfide	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	USVOA1_041222
Carbon tetrachloride	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	USVOA1_041222
Chlorobenzene	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	USVOA1_041222
Dibromochloromethane	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	USVOA1_041222
Chloroethane	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	USVOA1_041222
2-Chloroethylvinylether	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
Chloroform	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
Chloromethane	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
2-Chlorotoluene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
4-Chiorotoluene	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
1,2-Dibromo-3-chloropropane	<0.53	0.53	· D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
1,2-Dibromoethane	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
Dibromomethane	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
1,2-Dichlorobenzene	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
1,3-Dichlorobenzene	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
1,4-Dichlorobenzene	< 0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
Dichlorodifluoromethane	<0.53	0.53	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
1,1-Dichloroethane	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
1,2-Dichloroethane	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
1,1-Dichloroethene	<0.11	0.11	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
cis-1,2-Dichloroethene	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
trans-1,2-Dichloroethene	<0.053	0.053	D4	mg/Kg	1.1	SW82608	12/10/04	12/23/04 4:44	BS	TUSVOA1_041222
1,2-Dichloropropane	<0.053	0.053	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44		TUSVOA1_04122
1,3-Dichloropropane	<0.26	0.26	D4	mg/Kg	1.1	SW8260B	12/10/04	12/23/04 4:44	BS	TUSVOA1_04122



Collection Date: 12/10/2004 10:35:00 AM

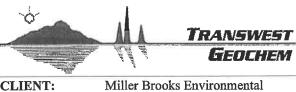
Client Sample ID: SB7-5

Matrix: Soil

License No. AZM133/AZ0133

CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-21Project Name:Red RocksProject Number:

#### Test Date Date DF Result POL Qual Units Code Prepared Analyzed Analyst Batch ID Analyte 1.1 SW8260B 12/10/04 12/23/04 4:44 TUSVOA1 041222A < 0.26 0.26 D4 mg/Kg BS 2,2-Dichloropropane SW8260B 12/10/04 <0.26 0.26 D4 mg/Kg 1.1 12/23/04 4:44 BS TUSVOA1_041222A 1,1-Dichloropropene 12/10/04 SW8260B 12/23/04 4:44 <0.053 0.053 D4 mg/Kg 1.1 BS TUSVOA1_041222A cis-1,3-Dichloropropene SW8260B 12/10/04 12/23/04 4:44 D4 mg/Kg 1.1 BS TUSVOA1_041222A < 0.053 0.053 trans-1,3-Dichloropropene SW8260B 12/10/04 12/23/04 4:44 < 0.11 0.11 D4 mg/Kg 1.1 BS TUSVOA1_041222A Ethylbenzene SW8260B 12/10/04 12/23/04 4:44 D4 mg/Kg 1.1 BS TUSVOA1_041222A < 0.53 0.53 Hexachlorobutadiene SW8260B 12/10/04 12/23/04 4:44 BS TUSVOA1_041222A < 0.53 0.53 D4 mg/Kg 1.1 2-Hexanone SW8260B 12/10/04 12/23/04 4:44 D4 mg/Kg 1.1 BS TUSVOA1_041222A lodomethane < 0.53 0.53 SW8260B 12/10/04 12/23/04 4:44 0.26 D4 mg/Kg 1.1 BS TUSVOA1_041222A < 0.26 Isopropylbenzene SW8260B 12/10/04 12/23/04 4:44 BS TUSVOA1_041222A 1.1 <0.26 0.26 D4 mg/Kg 4-Isopropyltoluene SW8260B 12/10/04 12/23/04 4:44 BS TUSVOA1_041222A < 0.53 0.53 D4 mg/Kg 1.1 Methylene chloride SW8260B 12/10/04 12/23/04 4:44 BS TUSVOA1_041222A D4 mg/Kg 1.1 < 0.53 0.53 4-Methyl-2-pentanone SW8260B 12/10/04 12/23/04 4:44 BS TUSVOA1_041222A <0.26 0.26 D4 mg/Kg 1.1 Methyl tert-butyl ether SW8260B 12/10/04 12/23/04 4:44 BS TUSVOA1_041222A <0.26 0.26 D4 mg/Kg 1.1 Naphthalene 12/10/04 D4 SW8260B 12/23/04 4:44 BS TUSVOA1_041222A <0.26 0.26 mg/Kg 1.1 n-Propylbenzene 12/10/04 0.26 D4 mg/Kg 1.1 SWB260B 12/23/04 4:44 BS TUSVOA1_041222A < 0.26 Styrene SW8260B 12/10/04 12/23/04 4:44 TUSVOA1_041222A BS D4 mg/Kg 1.1 1,1,1,2-Tetrachloroethane < 0.26 0.26 SW8260B 12/10/04 12/23/04 4:44 BS TUSVOA1_041222A D4 mg/Kg 1.1 1,1,2,2-Tetrachloroethane < 0.11 0.11 < 0.053 0.053 Đ4 mg/Kg 1.1 SW8260B 12/10/04 12/23/04 4:44 BS TUSVOA1_041222A Tetrachloroethene SW8260B 12/10/04 12/23/04 4:44 TUSVOA1_041222A D4 mg/Kg 1.1 BS < 0.11 0.11 Toluene 12/10/04 12/23/04 4:44 BS SW8260B TUSVOA1_041222A 1,2,3-Trichlorobenzene < 0.26 0.26 D4 mg/Kg 1.1 D4 mg/Kg 1.1 SWB260B 12/10/04 12/23/04 4:44 BS TUSVOA1_041222A 0.26 < 0.26 1,2,4-Trichlorobenzene SW8260B 12/10/04 12/23/04 4:44 BS TUSVOA1_041222A D4 mg/Kg 1.1 0.053 1,1,1-Trichloroethane <0.053 12/23/04 4:44 < 0.053 0.053 D4 mg/Kg 1.1 SW8260B 12/10/04 BS TUSVOA1_041222A 1,1,2-Trichloroethane SW8260B 12/10/04 12/23/04 4:44 D4 1.1 BS TUSVOA1_041222A < 0.053 0.053 mg/Kg Trichloroethene 12/10/04 12/23/04 4:44 BS SW8260B TUSVOA1_041222A < 0.53 0.53 D4 mg/Kg 1.1 Trichlorofluoromethane SW8260B 12/10/04 12/23/04 4:44 BS TUSVOA1_041222A 0.26 D4 mg/Kg 1.1 < 0.26 1,2,3-Trichloropropane SW8260B 12/10/04 12/23/04 4:44 BS TUSVOA1_041222A D4 1.1 1,2,4-Trimethylbenzene <0.26 0.26 mg/Kg 12/23/04 4:44 D4 1.1 SW8260B 12/10/04 BS TUSVOA1_041222A 0.26 mg/Kg < 0.26 1,3,5-Trimethylbenzene SW8260B 12/10/04 12/23/04 4:44 BS TUSVOA1_041222A D4 1.1 < 0.53 0.53 mg/Kg Vinyl acetate 12/10/04 12/23/04 4:44 SW8260B BS TUSVOA1_041222A < 0.53 0.53 D4 mg/Kg 1.1 Vinyl chloride SW8260B 12/10/04 12/23/04 4:44 BS TUSVOA1_041222A 1.1 < 0.16 0.16 D4 mg/Kg Xylenes, Total SW8260B 12/10/04 12/23/04 4:44 TUSVOA1_041222A BS 4-Bromofluorobenzene(Surrogate) 84 70-130 %REC 1.1 12/23/04 4:44 %REC 1.1 SW8260B 12/10/04 BS TUSVOA1_041222A 73 70-130 1,2-Dichloroethane-d4(Surrogate) SW8260B 12/10/04 12/23/04 4:44 BS TUSVOA1_041222A %REC 1.1 72 70-130 Dibromofluoromethane(Surrogate) SW8260B 12/10/04 12/23/04 4:44 BS TUSVOA1_041222A 78 70-130 %REC 1.1 Toluene-d8(Surrogate)

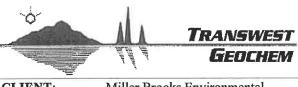


License No. AZM133/AZ0133

CLIENT:	Miller Brooks Environm
Work Order:	0412238
Lab ID:	0412238-22
<b>Project Name:</b>	Red Rocks
<b>Project Number</b>	•

# Client Sample ID: SB6-10 Collection Date: 12/10/2004 10:10:00 AM Matrix: Soil

						Test	Date	Date	ate				
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analys	t Batch IE			
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 11:52	RO	8665			
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 11:52	RO	8665			
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 11:52	RO	8665			
o-Terphenyl(Surrogate)	95	70-130		%REC	1.0	8015AZ	12/15/04	12/18/04 11:52	RO	8665			
Acetone	<1.5	1.5		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222			
Benzene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222			
Bromobenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222			
Bromochloromethane	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS 3	TUSVOA1_041222			
Bromodichloromethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222			
Bromoform	<0.10	0.10		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222			
Bromomethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222			
2-Butanone	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222			
n-Butylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222			
sec-Butylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222			
tert-Butylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222			
Carbon disulfide	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122			
Carbon tetrachloride	<0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222			
Chlorobenzene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222			
Dibromochloromethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122			
Chloroethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122			
2-Chloroethylvinylether	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122			
Chloroform	<0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122			
Chloromethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122			
2-Chlorotoluene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34		TUSVOA1_04122			
4-Chlorotoluene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122			
1,2-Dibromo-3-chloropropane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122			
1,2-Dibromoethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122			
Dibromomethane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34		- TUSVOA1_04122			
1,2-Dichlorobenzene	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34					
1,3-Dichlorobenzene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34		TUSVOA1_04122			
1,4-Dichlorobenzene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122			
Dichlorodifluoromethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34		TUSVOA1_04122			
1,1-Dichloroethane	<0.050	0.050		mg/Kg	1.0	SWB260B	12/10/04	12/23/04 3:34		TUSVOA1_04122			
1,2-Dichloroethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122			
	<0.00	0.000		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122			
1,1-Dichloroethene	<0.10	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122			
cis-1,2-Dichloroethene		0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122			
trans-1,2-Dichloroethene	<0.050 <0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34		TUSVOA1_04122			
1,2-Dichloropropane		0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34		TUSVOA1_04122			
1,3-Dichloropropane	<0.25	U.Z0		mgmvg	1.0	01102000	12110/04	12120/04 0.04	00	10010/1_04122			



License No. AZM133/AZ0133

CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-22Project Name:Red RocksProject Number:

# Client Sample ID: SB6-10 Collection Date: 12/10/2004 10:10:00 AM Matrix: Soil

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analy	st Batch ID
2,2-Dichloropropane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222/
1,1-Dichloropropene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222/
cis-1,3-Dichloropropene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
trans-1,3-Dichloropropene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
Ethylbenzene	<0.10	0.10		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222/
Hexachlorobutadiene	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
2-Hexanone	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
lodomethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
Isopropylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
4-Isopropyltoluene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
Methylene chloride	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
4-Methyl-2-pentanone	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
Methyl tert-butyl ether	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
Naphthalene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
n-Propylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
Styrene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
1,1,1,2-Tetrachloroethane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
1,1,2,2-Tetrachloroethane	<0.10	0.10		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
Tetrachloroethene	< 0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
Toluene	<0.10	0.10		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
1,2,3-Trichlorobenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
1,2,4-Trichlorobenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
1,1,1-Trichloroethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
1,1,2-Trichloroethane	<0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
Trichloroethene	<0.050	0.050		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
Trichlorofluoromethane	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
1,2,3-Trichloropropane	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
1,2,4-Trimethylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
1,3,5-Trimethylbenzene	<0.25	0.25		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
Vinyl acetate	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
Vinyl chloride	<0.50	0.50		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
Xylenes, Total	<0.15	0.15		mg/Kg	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
4-Bromofluorobenzene(Surrogate)	86	70-130		%REC	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_041222
1,2-Dichloroethane-d4(Surrogate)	76	70-130		%REC	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122
Dibromofluoromethane(Surrogate)	76	70-130		%REC	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122
Toluene-d8(Surrogate)	79	70-130		%REC	1.0	SW8260B	12/10/04	12/23/04 3:34	BS	TUSVOA1_04122

*	TRANSWEST GEOCHEM
CLIENT:	Miller Brooks Environmental
Work Order:	0412238
Lab ID:	0412238-23

Red Rocks

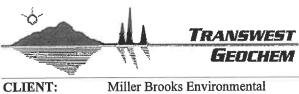
#### Date Printed 04-Jan-05

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Client Sample ID: SB8-0 Collection Date: 12/10/2004 11:30:00 AM Matrix: Soil

# Project Name: Project Number:

Analyte		Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID	=7
C10-C22 DRO		68	30		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 13:29	RO	8665	
C22-C32 OR0		440	100		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 13:29	RO	8665	
C10-C32 SRL		508	130		mg/Kg	1.0	8015AZ	12/15/04	12/18/04 13:29	RO	8665	
o-Terphenyl(Su	rogate)	98	70-130		%REC	1.0	8015AZ	12/15/04	12/18/04 13:29	RO	8665	

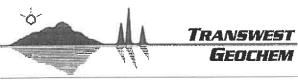


License No. AZM133/AZ0133

CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-24Project Name:Red RocksProject Number:

# Client Sample ID: SB8-5 Collection Date: 12/10/2004 11:35:00 AM Matrix: Soil

Analyte	Result	PQL	Oual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID	
	1 LUD MAD						Troparod Tinaryzou Tinary				
C10-C22 DRO	<30	30		mg/Kg	1.0	8015AZ	12/20/04 4:30	12/20/04 19:54	RO	8677	
C22-C32 ORO	<100	100		mg/Kg	1.0	8015AZ	12/20/04 4:30	12/20/04 19:54	RO	8677	
C10-C32 SRL	<130	130		mg/Kg	1.0	8015AZ	12/20/04 4:30	12/20/04 19:54	RO	8677	
o-Terphenyl(Surrogate)	96	70-130		%REC	1.0	8015AZ	12/20/04 4:30	12/20/04 19:54	RO	8677	



License No. AZM133/AZ0133

CLIENT:Miller Brooks EnvironmentalWork Order:0412238Lab ID:0412238-32Project Name:Red RocksProject Number:

# Client Sample ID: TB Collection Date: 12/9/2004 4:35:00 PM Matrix: Trip Blank

	D	DOT	01	T Tan ida	DF	Test Code	Date Prepared	Date Analyzed	Anoliset	Detals T
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzeu	Analyst	Batch II
Acetone	<20	20		μg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Benzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Bromobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Bromochloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Bromodichloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Bromoform	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Bromomethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
2-Butanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
n-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
sec-Butylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
tert-Butylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Carbon disulfide	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Carbon tetrachloride	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Chlorobenzene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Dibromochloromethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Chloroethane	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Chloroform	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Chloromethane	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
2-Chlorotoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
4-Chlorotoluene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,2-Dibromoethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Dibromomethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,2-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1.3-Dichlorobenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,4-Dichlorobenzene	<1.5	1.5		μg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Dichlorodifluoromethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,1-Dichloroethane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,2-Dichloroethane	<1.0	1.0		μg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,1-Dichloroethene	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
cis-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
trans-1,2-Dichloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,2-Dichloropropane	<0.50	0.50		µg/L	1.0	SW82608	N/A	12/17/04 12:27	NV	N41217A
1,3-Dichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
2,2-Dichloropropane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/17/04 12:27		N41217A
1,1-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27		N41217A
cis-1;3-Dichloropropene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27		N41217A
trans-1,3-Dichloropropene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/17/04 12:27		N41217A
Ethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27		N41217A
Hexachlorobutadiene	<5.0	5.0		μg/L	1.0	SW8260B	N/A	12/17/04 12:27		N41217A

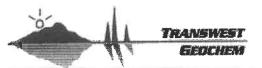


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CLIENT:	Miller Brooks Environmen
Work Order:	0412238
Lab ID:	0412238-32
<b>Project Name:</b>	Red Rocks
<b>Project Number:</b>	

## Client Sample ID: TB Collection Date: 12/9/2004 4:35:00 PM Matrix: Trip Blank

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
2-Hexanone	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
lodomethane	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Isopropylbenzene	<2.5	2.5		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
4-Isopropyitoluene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Methylene chloride	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	ŇV	N41217A
4-Methyl-2-pentanone	<5.0	5.0	V7	µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Methyl tert-butyl ether	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Naphthalene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
n-Propylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Styrene	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV -	N41217A
1,1,1,2-Tetrachloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,1,2,2-Tetrachloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Tetrachloroethene	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Toluene	<3.0	3.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,2,4-Trichlorobenzene	<5.0	5.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,1,1-Trichloroethane	<0.50	0.50		μg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,1,2-Trichloroethane	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Trichloroethene	<0.50	0.50		μġ/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Trichlorofluoromethane	<2.0	2.0		μg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Vinyl acetate	<5.0	5.0	V7	µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Vinyl chloride	<0.50	0.50		µg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Xylenes, Total	<3.0	3.0		μg/L	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
4-Bromofluorobenzene(Surrogate)	95	67-110		%REC	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Dibromofluoromethane(Surrogate)	70	59-113		%REC	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
1,2-Dichloroethane-d4(Surrogate)	60	49-116		%REC	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A
Toluene-d8(Surrogate)	78	63-111		%REC	1.0	SW8260B	N/A	12/17/04 12:27	NV	N41217A



Miller Brooks Environmental

## CLIENT: Work Order: Project:

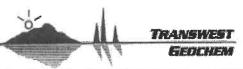
0412238 Red Rocks Date:

License No. AZM133/AZ0133

04-Jan-05

# QC SUMMARY REPORT

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
cetone	<20	20		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
lenzene	<0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Iromobenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Iromochloromethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Bromodichloromethane	<0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Bromoform	<1.0	1.0		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Bromomethane	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
-Butanone	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
-Butylbenzene	<2.5	2.5		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
ec-Butylbenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
ert-Butylbenzene	<2.5	2.5		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV ·	N41217A
Carbon disulfide	<0.50	0.50		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Carbon tetrachloride	<0.50	0.50		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Chlorobenzene	<0.50	0.50		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Dibromochloromethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Chloroethane	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Chloroform	<0.50	0.50		µg/E	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Chloromethane	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
2-Chlorotoluene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
4-Chlorotoluene	<2.0	2.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,2-Dibromoethane	<0.50	0.50		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Dibromomethane	<0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1.2-Dichlorobenzene	<1.5	1.5		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,3-Dichlorobenzene	<1.5	1.5		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1.4-Dichlorobenzene	<1.5	1.5		μg/L	1	SW8260B	N/A	12/17/04 10:32	ŇV	N41217A
Dichlorodifluoromethane	<2.0	2.0		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1.1-Dichloroethane	<1.0	1.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,2-Dichloroethane	<1.0	1.0		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,1-Dichloroethene	<0.50	0.50		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
cis-1,2-Dichloroethene	<0.50	0.50		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
trans-1,2-Dichloroethene	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,2-Dichloropropane	<0.50	0.50		μg/L	.1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1.3-Dichloropropane	<1.0	1.0		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
2,2-Dichloropropane	<0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,1-Dichloropropene	<1.0	1.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
trans-1,3-Dichloropropene	<0.50	0.50		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Ethylbenzene	<2.0	2.0		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Hexachlorobutadiene	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
2-Hexanone	<5.0 <5.0	5.0		μg/L	1	SW8260B	N/A	12/17/04 10:32	'NV	N41217A
	<5.0 <2.0	2.0		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
lodomethane	<2.0 <2.5	2.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Isopropylbenzene 4-Isopropyltoluene	<2.5 <1.5	2.5		µg/L	1	SW8260B	N/A	12/17/04 10:32		N41217A
4-isohiohMinineria	<1.5 <3.0	3.0		μg/L	1	SWB260B	N/A	12/17/04 10:32		N41217A



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CLIENT:	Miller Brooks Environmental
Work Order:	0412238
Project:	Red Rocks

Date:

License No. AZM133/AZ0133

04-Jan-05

# **QC SUMMARY REPORT**

A 1.4	D14	DOI	Oreal	Tinita	DE	Test	Date	Date	Ameliant	Decit
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
4-Methyl-2-pentanone	<5.0	5.0	V7	μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Methyl tert-butyl ether	<2.0	2.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Naphthalene	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
n-Propylbenzene	<2.0	2.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Styrene	<1.0	1.0		μg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,1,1,2-Tetrachloroethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Tetrachloroethene	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Toluene	<3.0	3.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,2,4-Trichlorobenzene	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,1,1-Trichloroethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,1,2-Trichloroethane	<0.50	0.50		µg/Ł	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Trichloroethene	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Trichlorofluoromethane	<2.0	2.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Vinyl acetate	<5.0	5.0	V7	µg/L	1	SW8260B	N/A	12/17/04 10:32	= NV	N41217A
Vinyl chloride	<0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Xylenes, Total	<3.0	3.0		µg/L	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
4-Bromofluorobenzene	86	67-110		%REC	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Dibromofluoromethane	77	59-113		%REC	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
1,2-Dichloroethane-d4	66	49-116		%REC	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A
Toluene-d8	75	63-111		%REC	1	SW8260B	N/A	12/17/04 10:32	NV	N41217A



# **CLIENT:** Work Order:

Miller Brooks Environmental 0412238

**Project:** 

Red Rocks

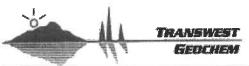
Date:

License No. AZM133/AZ0133

04-Jan-05

# QC SUMMARY REPORT

Analyte	Result	PQL	Qual	Units	DF	Test Code	Date Prepared	Date Analyzed	Analyst	Batch ID
Acetone	<20	20		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
lenzene	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Bromobenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Bromochloromethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Bromodichloromethane	<0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Bromoform	<1.0	1.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Bromomethane	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
2-Butanone	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
n-Butylbenzene	<2.5	2,5		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
sec-Butylbenzene	<1,5	1.5		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
tert-Butylbenzene	<2.5	2.5		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Carbon disulfide	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Carbon tetrachloride	<0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Chlorobenzene	<0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Dibromochloromethane	<0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Chloroethane	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Chloroform	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Chloromethane	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
2-Chlorotoluene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
4-Chlorotoluene	<2.0	2.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,2-Dibromo-3-chloropropane	<2.0	2.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,2-Dibromoethane	<0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Dibromomethane	<0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,2-Dichlorobenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,3-Dichlorobenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,4-Dichlorobenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Dichlorodifluoromethane	<2.0	2.0	V8	µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,1-Dichloroethane	<1.0	1.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,2-Dichloroethane	<1.0	1.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,1-Dichloroethene	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
cis-1,2-Dichloroethene	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
trans-1,2-Dichloroethene	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,2-Dichloropropane	<0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,3-Dichloropropane	<1.0	1.0		μg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
2,2-Dichloropropane	< 0.50	0.50		µg/L	1	SWB260B	N/A	12/17/04 21:55	NV	N41217B
1,1-Dichloropropene	<1.0	1.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
cis-1,3-Dichloropropene	<1.0	1.0		μg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
trans-1,3-Dichloropropene	<0.50	0.50		μg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Ethylbenzene	<2.0	2.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Hexachlorobutadiene	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
2-Hexanone	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
lodomethane	<2.0	2.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Isopropylbenzene	<2.5	2.5		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
4-Isopropyltoluene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Methylene chloride	4.7	3.0		µg/L	1	SWB260B	N/A	12/17/04 21:55	NV	N41217B



<b>CLIENT:</b>	Miller Brooks Environmental
Work Order:	0412238
Project:	Red Rocks

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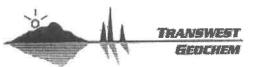
#### Date:

License No. AZM133/AZ0133

04-Jan-05

# **QC SUMMARY REPORT**

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
4-Methyl-2-pentanone	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Methyl tert-butyl ether	<2.0	2.0		μg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Naphthalene	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
n-Propylbenzene	<2.0	2.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Styrene	<1.0	1.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,1,1,2-Tetrachloroethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,1,2,2-Tetrachloroethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Tetrachloroethene	<0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Toluene	<3.0	3.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,2,4-Trichlorobenzene	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,1,1-Trichloroethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,1,2-Trichloroethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Trichloroethene	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Trichlorofluoromethane	<2.0	2.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Vinyl acetate	<5.0	5.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Vinyl chloride	<0.50	0.50		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Xylenes, Total	<3.0	3.0		µg/L	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
4-Bromofluorobenzene	99	67-110		%REC	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Dibromofluoromethane	72	59-113		%REC	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
1,2-Dichloroethane-d4	63	49-116		%REC	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B
Toluene-d8	79	63-111		%REC	1	SW8260B	N/A	12/17/04 21:55	NV	N41217B



#### **CLIENT:** Miller Brooks Environmental Work Order: 0412238 **Project:**

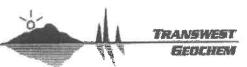
Red Rocks

Date:

04-Jan-05 License No. AZM133/AZ0133

# **QC SUMMARY REPORT**

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Acetone	<20	20		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Benzene	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Bromobenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Bromochloromethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Bromodichloromethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Bromoform	<1.0	1.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Bromomethane	<5.0	5.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
2-Butanone	<5.0	5.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
n-Butylbenzene	<2.5	2.5		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
sec-Butylbenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
tert-Butylbenzene	<2.5	2.5		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Carbon disulfide	< 0.50	0.50		µg/L	1	SWB260B	N/A	12/20/04 13:06	NV	N41220A
Carbon tetrachloride	<0.50	0.50		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Chlorobenzene	<0.50	0.50		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Dibromochloromethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Chloroethane	<5.0	5.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Chloroform	< 0.50	0.50		μg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Chloromethane	<5.0	5.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
2-Chlorotoluene	<1.5	1.5		µg/Ľ	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
4-Chlorotoluene	<2.0	2.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,2-Dibromo-3-chloropropane	<2.0	2.0		μg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,2-Dibromoethane	<0.50	0.50		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Dibromomethane	<0.50	0.50		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1.2-Dichlorobenzene	<1.5	1.5		μg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,3-Dichlorobenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,4-Dichlorobenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Dichlorodifluoromethane	<2.0	2.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1.1-Dichloroethane	<2.0	1.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,2-Dichloroethane		1.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
	<1.0			µg/L	1	SWB260B	N/A	12/20/04 13:06	NV	N41220A
1,1-Dichloroethene	<0.50	0.50		րց/Ը	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
cis-1,2-Dichloroethene	<0.50	0.50		μg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
trans-1,2-Dichloroethene	<0.50	0.50			1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,2-Dichloropropane	< 0.50	0.50		μg/L μg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,3-Dichloropropane	<1.0	1.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
2,2-Dichloropropane	< 0.50	0.50			1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,1-Dichloropropene	<1.0	1.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
cis-1,3-Dichloropropene	<1.0	1.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
trans-1,3-Dichloropropene	< 0.50	0.50		µg/L	4	SW8260B	N/A	12/20/04 13:06		N41220A
Ethylbenzene	<2.0	2.0		µg/L	1	SW8260B	N/A	12/20/04 13:00	NV NV	N41220A
Hexachlorobutadiene	<5.0	5.0		µg/L		SW8260B	N/A N/A	12/20/04 13:06		N41220A
2-Hexanone	<5.0	5.0		µg/L	1				NV	N41220A
lodomethane	<2.0	2.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	
Isopropylbenzene	<2.5	2.5		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
4-Isopropyltoluene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Methylene chloride	<3.0	3.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A



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CLIENT:	Miller Brooks Environmental
Work Order:	0412238
Project:	Red Rocks

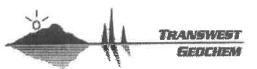
# Date:

License No. AZM133/AZ0133

04-Jan-05

# QC SUMMARY REPORT

		DOI	0.1	<b>**</b> */		Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
4-Methyl-2-pentanone	<5.0	5.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Methyl tert-butyl ether	<2.0	2.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Naphthalene	<5.0	5.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
n-Propylbenzene	<2.0	2.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Styrene	<1.0	1.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,1,1,2-Tetrachloroethane	<0.50	0.50		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,1,2,2-Tetrachloroethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Tetrachloroethene	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Toluene	<3.0	3.0		μg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,2,3-Trichlorobenzene	<5.0	5.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,2,4-Trichlorobenzene	<5.0	5.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,1,1-Trichloroethane	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,1,2-Trichloroethane	<0.50	0.50		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Trichloroethene	< 0.50	0.50		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Trichlorofluoromethane	<2.0	2.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,2,3-Trichloropropane	<1.0	1.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,2,4-Trimethylbenzene	<2.0	2.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,3,5-Trimethylbenzene	<1.5	1.5		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Vinyl acetate	<5.0	5.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Vinyl chloride	< 0.50	0.50		µg/L.	1	SWB260B	N/A	12/20/04 13:06	NV	N41220A
Xylenes, Total	<3.0	3.0		µg/L	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
4-Bromofluorobenzene	98	67-110		%REC	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Dibromofluoromethane	69	59-113		%REC	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
1,2-Dichloroethane-d4	59	49-116		%REC	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
Toluene-d8	77	63-111		%REC	1	SW8260B	N/A	12/20/04 13:06	NV	N41220A
C10-C22 DRO	<30	30		mg/Kg	1	8015AZ	N/A	12/17/04 20:16	RO	8665
C22-C32 ORO	<100	100		mg/Kg	1	8015AZ	N/A	12/17/04 20:16	RO	8665
C10-C32 SRL	<130	130		mg/Kg	1	8015AZ	N/A	12/17/04 20:16	RO	8665
o-Terphenyl	93	70-130		%REC	1	8015AZ	N/A	12/17/04 20:16	RO	8665
C10-C22 DRO	<30	30		mg/Kg	1	8015AZ	12/20/04 4:30	12/20/04 18:16	RO	8677
C22-C32 ORO	<100	100		mg/Kg	1	8015AZ	12/20/04 4:30	12/20/04 18:16	RO	8677
C10-C32 SRL	<130	130		mg/Kg	1	8015AZ	12/20/04 4:30	12/20/04 18:16	RO	8677
o-Terphenyl	97	70-130		%REC	1	8015AZ	12/20/04 4:30	12/20/04 18:16	RO	8677



0412238

Red Rocks

Miller Brooks Environmental

**CLIENT:** 

**Project:** 

Work Order:

Date:

License No. AZM133/AZ0133

04-Jan-05

# **QC SUMMARY REPORT**

Hoject. Ked Ke	00103									
						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Acetone	<1.5	1.5		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Benzene	< 0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Bromobenzene	< 0.25	0.25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Bromochloromethane	< 0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Bromodichloromethane	< 0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Bromoform	<0.10	0.10		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Bromomethane	< 0.50	0.50		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
2-Butanone	<0.50	0.50		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
n-Butylbenzene	< 0.25	0.25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
sec-Butylbenzene	<0.25	0.25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
tert-Butylbenzene	<0.25	0.25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Carbon disulfide	<0.50	0.50		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Carbon tetrachloride	< 0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Chlorobenzene	< 0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Dibromochloromethane	< 0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Chloroethane	< 0.50	0.50		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
2-Chloroethylvinylether	< 0.50	0.50		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Chloroform	< 0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Chloromethane	<0.50	0.50		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
2-Chlorotoluene	<0.25	0.25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	- TUSVOA1_041222A
4-Chlorotoluene	<0.25	0.25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,2-Dibromo-3-chloropropane	<0.50	0.50		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,2-Dibromoethane	<0.50	0.50		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Dibromomethane	<0.25	0.25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	- TUSVOA1_041222A
1,2-Dichlorobenzene	<0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,3-Dichlorobenzene	<0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,4-Dichlorobenzene	<0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Dichlorodifluoromethane	<0.50	0.50		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1.1-Dichloroethane	<0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,2-Dichloroethane	<0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,1-Dichloroethene	<0.10	0.000		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
cis-1,2-Dichloroethene	<0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
trans-1,2-Dichloroethene	<0.050	0.050		mg/Kg	1	SWB260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,2-Dichloropropane	<0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
		0.030		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,3-Dichloropropane	<0.25			mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
2,2-Dichloropropane	<0.25	0.25		mg/Kg	۰ 1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,1-Dichloropropene	< 0.25	0.25			. 1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
cis-1,3-Dichloropropene	< 0.050	0.050		mg/Kg mg/Kg	- 1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
trans-1,3-Dichloropropene	< 0.050	0.050				SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Ethylbenzene	<0.10	0.10		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40		TUSVOA1_041222A
Hexachlorobutadiene	< 0.50	0.50		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	
2-Hexanone	< 0.50	0.50		mg/Kg mg/Kg	1	SW8260B SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
lodomethane	< 0.50	0.50		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A TUSVOA1_041222A
Isopropylbenzene	<0.25	0.25		mg/Kg	1				BS	
4-isopropyitoluene	<0.25	0.25		mg/Kg	1	SWB260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A



# CLIENT: Work Order: Project:

0412238 Red Rocks

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Miller Brooks Environmental

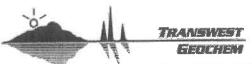
Date:

License No. AZM133/AZ0133

04-Jan-05

# QC SUMMARY REPORT

						Test	Date	Date		
Analyte	Result	PQL	Qual	Units	DF	Code	Prepared	Analyzed	Analyst	Batch ID
Methylene chloride	<0.50	0.50		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
4-Methyl-2-pentanone	< 0.50	0.50		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Methyl tert-butyl ether	<0.25	0.25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Naphthalene	<0.25	0.25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
n-Propylbenzene	<0.25	0.25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Styrene	<0.25	0.25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,1,1,2-Tetrachloroethane	<0.25	0.25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,1,2,2-Tetrachloroethane	<0.10	0.10		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Tetrachloroethene	< 0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Toluene	<0.10	0.10		mg/Kg	1	SWB260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,2,3-Trichlorobenzene	<0.25	0,25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,2,4-Trichlorobenzene	<0.25	0.25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,1,1-Trichloroethane	<0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,1,2-Trichloroethane	<0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Trichloroethene	<0.050	0.050		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Trichlorofluoromethane	<0.50	0.50		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,2,3-Trichloropropane	<0.25	0.25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,2,4-Trimethylbenzene	<0.25	0.25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,3,5-Trimethylbenzene	< 0.25	0.25		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Vinyl acetate	< 0.50	0.50		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Vinyl chloride	<0.50	0.50		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Xylenes, Total	<0.15	0.15		mg/Kg	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
4-Bromofluorobenzene	95	70-130		%REC	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
1,2-Dichloroethane-d4	86	70-130		%REC	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Dibromofluoromethane	85	70-130		%REC	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A
Toluene-d8	97	70-130		%REC	1	SW8260B	12/1/04	12/22/04 9:40	BS	TUSVOA1_041222A



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# License No. AZM133/AZ0133

Date:

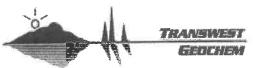
# CLIENT:Miller Brooks EnvironmentalWork Order:0412238Project:Red Rocks

# **QC SUMMARY REPORT**

Sample Matrix Spike

04-Jan-05

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit Qual
Sample ID: 0412164-02AS	Batch ID: N41	217A		Test	Code: S	W8260B		Date Analy:	zed: 12	/17/04 18:05
Client ID:	•			Units	s: µg/L			Date Prepared: N/A		
Benzene	20.47	0.50	20.00	1.400	95%	78	122			
Chlorobenzene	19.49	0.50	20.00	< 0.50	97%	72	1115			
1,1-Dichloroethene	22.57	0.50	20.00	< 0.50	113%	75	151			
Toluene	20.41	3.0	20.00	<3.0	102%	59	134			
Trichloroethene	20.33	0.50	20.00	1.390	95%	77	124			
4-Bromofluorobenzene	48.37	N/A	50.00	N/A	97%	67	110			
Dibromofluoromethane	34.65	N/A	50.00	N/A	69%	59	113			
1,2-Dichloroethane-d4	30.02	N/A	50.00	N/A	60%	49	116			
Toluene-d8	37.82	N/A	50.00	N/A	76%	63	111			
Sample ID: 0412164-02ASD	Batch ID: N4	1217A		Test	Code: S	W8260B		Date Analy	zed: 12	/17/04 18:44
Client ID:				Unit	s: μg/L			Date Prepar	red: N/A	A
Benzene	19.86	0.50	20.00	1.400	92%	78	122	20.47	3%	12
Chlorobenzene	19.45	0.50	20.00	< 0.50	97%	72	115	19.49	0%	13
1,1-Dichtoroethene	22.07	0.50	20.00	< 0.50	110%	75	151	22.57	2%	14
Toluene	19.89	3.0	20.00	<3.0	99%	59	134	20.41	3%	15
Trichloroethene	19.84	0.50	20.00	1.390	92%	77	124	20.33	2%	12
4-Bromofluorobenzene	48.14	N/A	50.00	N/A	96%	67	110			
Dibromofluoromethane	34.75	N/A	50.00	N/A	70%	59	113			
1,2-Dichloroethane-d4	29.55	N/A	50.00	N/A	59%	49	116			
Toluene-d8	38.22	N/A	50.00	N/A	76%	63	111			
Sample ID: 0412164-01AS	Batch ID: N4	1217B		Test	Code: S	SW8260B		Date Analy	zed: 12	/18/04 03:41
Client ID:				Unit	s: µg/L			Date Prepa	red: N/A	4
Benzene	20.26	0.50	20.00	<0.50	101%	78	122			
Chlorobenzene	20.57	0.50	20.00	< 0.50	103%	72	1115			
1,1-Dichloroethene	23.84	0.50	20.00	<0.50	119%	75	151			
Toluene	21.53	3.0	20.00	<3.0	108%	59	134			
Trichloroethene	20.03	0.50	20.00	< 0.50	100%	77	124			
4-Bromofluorobenzene	47.02	N/A	50.00	N/A	94%	67	110			
Dibromofluoromethane	35.51	N/A	50.00	N/A	71%	59	113			
1,2-Dichloroethane-d4	31.70	N/A	50.00	N/A	63%	49	116			
Toluene-d8	38.31	N/A	50.00	N/A	77%	63	111			



#### **CLIENT:** Miller Brooks Environmental Work Order: 0412238 **Project:**

Red Rocks

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### Date:

04-Jan-05 License No. AZM133/AZ0133

# QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Analyte	Result	PQL	SPK value	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Qual
Sample ID: 0412164-01ASD	Batch ID: N41				Code: S	W8260B		Date Analy	zed: 12		<u>`</u>
Client ID:				Units	s: μg/L			Date Prepa	red: N/A	A	
Benzene	19.68	0.50	20.00	< 0.50	98%	78	122	20.26	3%	12	
Chlorobenzene	20.12	0.50	20,00	<0.50	101%	72	115	20.57	2%	13	
,1-Dichloroethene	22.91	0.50	20.00	< 0.50	115%	75	151	23.84	4%	14	
Toluene	20.90	3.0	20.00	<3.0	105%	59	134	21.53	3%	15	
richloroethene	19.37	0.50	20.00	< 0.50	97%	77	124	20.03	3%	12	
-Bromofluorobenzene	46.19	N/A	50.00	N/A	92%	67	110	20100	0.10		
Dibromofluoromethane	35.62	N/A	50.00	N/A	71%	59	113				
.2-Dichloroethane-d4	31.27	N/A	50.00	N/A	63%	49	116				
Foluene-d8	38.09	N/A	50.00	N/A	76%	63	111				
Sample ID: 0412163-01AS	Batch ID: N41				Code: S	W8260B		Date Analy	zed: 12	/20/04 21:	:26
Client ID:	Buton ID				s: μg/Ŀ			Date Prepa			
	20.51	0.50	20.00	<0.50	103%	78	122	1			
Benzene	20.51	0.50	20.00	< 0.50	103%	72	1115				
Chlorobenzene				< 0.50	122%	72	151				
1,1-Dichloroethene	24.33	0.50	20.00	<0.50	108%	75 59	134				
Toluene	21.50	3.0	20.00				124				
Trichloroethene	20.17	0.50	20.00	<0.50	101%	77					
4-Bromofluorobenzene	49.25	N/A	50.00	N/A	99%	67	110				
Dibromofluoromethane	33.88	N/A	50.00	N/A	68%	59	113				
1,2-Dichloroethane-d4	29.23	N/A	50.00	N/A	58%	49	116				
Toluene-d8	37.22	N/A	50.00	N/A	74%	63	111		_		
Sample ID: 0412163-01ASD	Batch ID: N4	1220A		Test	Code: S	W8260B		Date Analy	zed: 12	2/20/04 22	:04
Client ID:				Unit	s: µg/L			Date Prepa	red: N/	A.	
Benzene	19.38	0.50	20.00	< 0.50	97%	78	122	20.51	6%	12	
Chlorobenzene	19.61	0.50	20.00	< 0.50	98%	72	115	20.69	5%	13	
1,1-Dichloroethene	23.07	0.50	20.00	< 0.50	115%	75	151	24.33	5%	14	
Toluene	20.39	3.0	20.00	<3.0	102%	59	134	21.50	5%	15	
Trichloroethene	19.17	0.50	20.00	< 0.50	96%	77	124	20.17	5%	12	
4-Bromofluorobenzene	48.19	N/A	50.00	N/A	96%	67	110				
Dibromofluoromethane	33.86	N/A	50.00	N/A	68%	59	113				
1,2-Dichloroethane-d4	28.93	N/A	50.00	N/A	58%		116				
Toluene-d8	37.26	N/A	50.00	N/A	75%		111				
Sample ID: 0412238-01AMS	Batch ID: 86				Code:	3015AZ		Date Analy	yzed: 12	2/18/04 02	2:11
Client ID: SB1-0	ar erve th date t				s: mg/K			Date Prepa			
C10-C22 DRO	423	30	500	<30	85%	70	130				
o-Terphenyl	9.26	N/A	10.0	N/A	93%		130				



0412238

Red Rocks

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**CLIENT:** 

**Project:** 

Analyte

Work Order:

Sample ID: 0412238-01AMSD

Miller Brooks Environmental

Result

Batch ID: 8665

PQL

# **Date:** 04-Jan-05

License No. AZM133/AZ0133

#### **QC SUMMARY REPORT** Sample Matrix Spike Duplicate High % % Low RPD RPD SPK SPK Limit value Ref Val Rec Limit Ref Val RPD Limit Qual Test Code: 8015AZ Date Analyzed: 12/18/04 02:43 Linita Doto D 12/15/04 mg/K а.

builipie inter										
Client ID: SB1-0				Units	mg/Kg			Date Prepar	ed: 12/15	5/04
C10-C22 DRO	431	30	500	<30	86%	70	130	423	2%	20
o-Terphenyl	8.81	N/A	10.0	N/A	88%	70	130			
Sample ID: 0412238-24AMS	Batch ID: 867	7		Test (	Code: 801:	5AZ		Date Analy:	zed: 12/2	0/04 20:26
Client ID: SB8-5				Units	mg/Kg			Date Prepar	ed: 12/20	0/04 4:30
C10-C22 DRO	429	30	500	<30	86%	70	130			
o-Terphenyl	9.69	N/A	10.0	N/A	97%	70	130			
Sample ID: 0412238-24AMSD	Batch ID: 867	7		Test (	Code: 801	5AZ		Date Analy:	zed: 12/2	0/04 20:58
Client ID: SB8-5				Units	mg/Kg			Date Prepar	ed: 12/20	0/04 4:30
C10-C22 DRO	432	30	500	<30	86%	70	130	429	1%	20
o-Terphenyl	9.33	N/A	10.0	N/A	93%	70	130			
Sample ID: 0412238-01BMS	Batch ID: TU	SVOA1_04	1222A	Test (	Code: SW	8260B		Date Analy:	zed: 12/2	2/04 14:52
Client ID: SB1-0				Units	mg/Kg			Date Prepar	ed: 12/9/	/04
Benzene	0.7718	0.049	0.9814	<0.049	79%	70	130			
Chlorobenzene	0.7733	0.049	0.9814	< 0.049	79%	70	130			
1,1-Dichloroethene	0.9200	0.098	0.9814	<0.098	94%	70	130			
Toluene	0.7875	0.098	0.9814	< 0.098	80%	70	130			
Trichloroethene	0.8052	0.049	0.9814	< 0.049	82%	70	130			
4-Bromofluorobenzene	2.205	N/A	2.453	N/A	90%	70	130			
1,2-Dichloroethane-d4	1.984	N/A	2.453	N/A	81%	70	130			
Dibromofluoromethane	2.096	N/A	2.453	N/A	85%	70	130			
Toluene-d8	1.982	N/A	2.453	N/A	81%	70	130			
Sample ID: 0412238-01BMSD	Batch ID: TU	JSVOA1_0	41222A	Test	Code: SW	8260B		Date Analy	zed: 12/2	22/04 15:26
Client ID: SB1-0				Units	: mg/Kg			Date Prepar	red: 12/9	/04
Benzene	0.8325	0.050	1.000	< 0.050	83%	70	130	0.7718	8%	20
Chlorobenzene	0.8270	0.050	1.000	< 0.050	83%	70	130	0.7733	7%	20
1,1-Dichloroethene	0.9825	0.10	1.000	<0.10	98%	70	130	0.9200	7%	20
Toluene	0.8310	0.10	1.000	< 0.10	83%	70	130	0.7875	5%	20
Trichloroethene	0.8555	0.050	1.000	<0.050	86%	70	130	0.8052	6%	20
4-Bromofluorobenzene	2.332	N/A	2.500	N/Á	93%	70	130			
1,2-Dichloroethane-d4	2.249	N/A	2.500	N/A	90%	70	130			
	2.304	N/A	2.500	N/A	92%	70	130			
Dibromofluoromethane	Z.UU4									



#### Date: 04-Jan-05

License No. AZM133/AZ0133

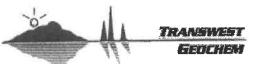
#### **CLIENT:** Miller Brooks Environmental 0412238 Work Order: **Project:**

**Red Rocks** 

# **QC SUMMARY REPORT**

Blank Spike

A	D14	DOI	SPK	SPK	%	Low	High	RPD	%	RPD	<u> </u>
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
Sample ID: LCS	Batch ID: N4	1217A		Test	Code: S	Date Analyz	zed: 12/	17/04 09:	16		
				Units	;; μg/L			Date Prepar	ed: N/A		
Benzene	23.04	0.50	20.00	<0.50	115%	81	123				
Chlorobenzene	20.08	0.50	20.00	< 0.50	100%	78	118				
1,1-Dichloroethene	26.92	0.50	20.00	< 0.50	135%	82	137				
Toluene	20.46	3.0	20.00	<3.0	102%	76	124				
Trichloroethene	23.15	0.50	20.00	< 0.50	116%	81	123				
4-Bromofluorobenzene	43.25	N/A	50.00	N/A	87%	67	110				
Dibromofluoromethane	42.22	N/A	50.00	N/A	84%	59	113				
1,2-Dichloroethane-d4	36.08	N/A	50.00	N/A	72%	49	116				
Toluene-d8	37.28	N/A	50.00	N/A	75%	63	111				
Sample ID: LCSD	Batch ID: N4	1217A		Test	Code: S	W8260B		Date Analyz	zed: 12/	17/04 09:	54
				Units	s: μg/L			Date Prepar	ed: N/A	L	
Benzene	22.30	0.50	20.00	<0.50	112%	81	123	23.04	3%	8	
Chlorobenzene	19.52	0.50	20.00	< 0.50	98%	78	118	20.08	3%	7	
1,1-Dichloroethene	25.73	0.50	20.00	< 0.50	129%	82	137	26.92	5%	9	
Toluene	19.63	3.0	20.00	<3.0	98%	76	124	20.46	4%	8.	
Trichloroethene	21.86	0.50	20.00	< 0.50	109%	81	123	23.15	6%	8	
4-Bromofluorobenzene	43.12	N/A	50.00	N/A	86%	67	110				
Dibromofluoromethane	40.82	N/A	50.00	N/A	82%	59	113				
1,2-Dichloroethane-d4	34.15	N/A	50.00	N/A	68%	49	116				
Toluene-d8	36.65	N/A	50.00	N/A	73%	63	111				
Sample ID: LCS	Batch ID: N4	1217B		Test	Code: S	W8260B		Date Analy:	zed: 12/	/17/04 20:	39
				Unit	s: μg/L			Date Prepar	ed: N/A	L	
Benzene	20.34	0.50	20.00	< 0.50	102%	81	123				
Chlorobenzene	21.03	0.50	20.00	< 0.50	105%	78	118				
1,1-Dichloroethene	22.70	0.50	20.00	< 0.50	114%	82	137				
Toluene	21.31	3.0	20.00	<3.0	107%	76	124				
Trichloroethene	20.16	0.50	20.00	<0.50	101%	81	123				
4-Bromofluorobenzene	48.18	N/A	50.00	N/A	96%	67	110				
Dibromofluoromethane	34.92	N/A	50.00	N/A	70%	59	113				
1,2-Dichloroethane-d4	30.61	N/A	50.00	N/A	61%	49	116				
Toluene-d8	37.86	N/A	50.00	N/A	76%	63	111				



0412238

Red Rocks

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Miller Brooks Environmental

# License No. AZM133/AZ0133

Date:

# QC SUMMARY REPORT

Blank Spike Duplicate

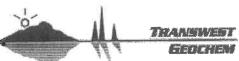
04-Jan-05

Awalata	Domit	DOI	SPK	SPK Ref Val	% Rec	Low Limit	High Limit	RPD Ref Val	% RPD	RPD Limit	Oual
Analyte	Result	PQL	value								<u> </u>
Sample ID: LCSD	Batch ID: N41	.217B			Code: S	Date Analy			17		
				Units	s: μg/L			Date Prepar	ed: N/A	L	
Benzene	20.09	0.50	20.00	< 0.50	100%	81	123	20.34	1%	8	
Chlorobenzene	20.74	0.50	20.00	<0.50	104%	78	118	21.03	1%	7	
1,1-Dichloroethene	22.39	0.50	20.00	< 0.50	112%	82	137	22.70	1%	9	
Toluene	20.98	3.0	20.00	<3.0	105%	76	124	21.31	2%	8	
Trichloroethene	19.72	0.50	20.00	< 0.50	99%	81	123	20.16	2%	8	
4-Bromofluorobenzene	47.81	N/A	50.00	N/A	96%	67	110				
Dibromofluoromethane	35.45	N/A	50.00	N/A	71%	59	113				
1,2-Dichloroethane-d4	30.14	N/A	50.00	N/A	60%	49	116				
Foluene-d8	37.81	N/A	50.00	N/A	76%	63	111				
Sample ID: LCS	Batch ID: N4	220A		Test	Code: S	W8260B		Date Analy	zed: 12	/20/04 11:4	49
				Unit	s: µg/L			Date Prepar	ed: N/A		
Benzene	19.47	0.50	20.00	<0.50	97%	81	123				
Chlorobenzene	20.91	0.50	20.00	< 0.50	105%	78	118				
1,1-Dichloroethene	21.82	0.50	20.00	<0.50	109%	82	137				
Toluene	21.11	3.0	20.00	<3.0	106%	76	124				
Trichloroethene	19.60	0.50	20.00	<0.50	98%	81	123				
4-Bromofluorobenzene	51.93	N/A	50.00	N/A	104%	67	110				
Dibromofluoromethane	34.71	N/A	50.00	N/A	69%	59	113				
1,2-Dichloroethane-d4	29.93	N/A	50.00	N/A	60%	49	116				
Toluene-d8	40.11	N/A	50.00	N/A	80%	63	111				
Sample ID: LCSD	Batch ID: N4	1220A		Test	Code: S	SW8260B		Date Analy	zed: 12	/20/04 12:	27
				Unit	s: µg/L			Date Prepa	red: N/A	4	
Benzene	20.70	0.50	20.00	<0.50	104%	81	123	19.47	6%	8	
Chlorobenzene	21.42	0.50	20.00	<0.50	107%	78	118	20.91	2%	7	
1,1-Dichloroethene	23.06	0.50	20.00	<0.50	115%	82	137	21.82	6%	9	
Toluene	21.69	3.0	20.00	<3.0	108%	76	124	21.11	3%	8	
Trichloroethene	20.57	0.50	20.00	< 0.50	103%	81	123	19.60	5%	8	
4-Bromofluorobenzene	49.39	N/A	50.00	N/A	99%	67	110				
Dibromofluoromethane	35.13	N/A	50.00	N/A	70%	59	113				
1,2-Dichloroethane-d4	29.45	N/A	50.00	N/A	59%	49	116				
Toluene-d8	38.74	N/A	50.00	N/A	77%	63	111				
Sample ID: LCS-8665A	Batch ID: 86	65		Test	Code:	8015AZ		Date Analy	zed: 12	2/17/04 20	:48
				Uni	ts: mg/K	g		Date Prepa	red: 12	/15/04	
C10-C22 DRO	465	30	500	<30	93%	70	130				
o-Terphenyl	9.58	N/A	10.0	N/A	96%	70	130				

**CLIENT:** 

**Project:** 

Work Order:



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# Date: 04-Jan-05 License No. AZM133/AZ0133

111											57712015
	r Brooks Environn	nental						QC SUN	MMA	RY R	EPOR
Work Order: 04122								-			Duplica
Project: Red F	locks								Dian	C Spike	Dupite
			SPK	SPK	%	Low	High	RPD	%	RPD	
Analyte	Result	PQL	value	Ref Val	Rec	Limit	Limit	Ref Val	RPD	Limit	Qual
ample ID: LCSD-8665A	Batch ID: 866	55		Test	Code: 8	015AZ		Date Analy	zed: 12	/17/04 21:2	20
			×	Unit	s; mg/Kg			Date Prepar	ed: 12/	15/04	
10-C22 DRO	454	30	500	<30	91%	70	130	465	2%	20	
-Terphenyl	8.78	N/A	10.0	N/A	88%	70	130				
ample ID: LCS-8677	Batch ID: 867	17		Test	Code: 8	015AZ		Date Analy	zed: 12	/20/04 18:4	19
				Unit	s: mg/Kg	5		Date Prepar	ed: 12/	20/04 4:30	
10-C22 DRO	464	30	500	<30	93%	70	130				
-Terphenyl	8.93	N/A	10.0	N/A	89%	70	130				
Sample ID: LCSD-8677	Batch ID: 867	17		Test	Code: 8	015AZ		Date Analy	zed: 12	/20/04 19:2	22
L				Unit	s: mg/Ką	;		Date Prepar	ed: 12/	20/04 4:30	
10-C22 DRO	462	30	500	<30	92%	70	130	464	0%	20	
Terphenyl	8.94	N/A	10.0	N/A	89%	70	130				
Sample ID: 0412238-LCS	Batch ID: TU	SVOA1_04	1222A	Test	Code: S	W8260B		Date Analy	zed: 12	/22/04 13:4	13
1				Unit	s: mg/Kg	5		Date Prepar	ed: 12/	1/04	
Benzene	0.8385	0.050	1.000	< 0.050	84%	70	130				
Chlorobenzene	0.8235	0.050	1.000	< 0.050	82%	70	130				
I,1-Dichloroethene	0.9915	0.10	1.000	<0.10	99%	70	130				
Totuene	0.8385	0.10	1.000	<0.10	84%	70	130				
Frichloroethene	0.8525	0.050	1.000	< 0.050	85%	70	130				
I-Bromofluorobenzene	2.095	N/A	2.500	N/A	84%	70	130				
1,2-Dichloroethane-d4	1.958	N/A	2.500	N/A	78%	70	130				
Dibromofluoromethane	2.047	N/A	2.500	N/A	82%	70	130				
Foluene-d8	1.921	N/A	2.500	N/A	77%	70	130				
Sample ID: 0412238-LCSI	Batch ID: TU	JSVOA1_04	1222A	Test	Code: S	SW8260B		Date Analy	zed: 12	/22/04 14:	18
				Unit	s: mg/K	ş		Date Prepar	red: 12/	1/04	
Benzene	0.8400	0.050	1.000	<0.050	84%	70	130	0.8385	0%	20	
Chlorobenzene	0.8360	0.050	1.000	< 0.050	84%	70	130	0.8235	2%	20	
1,1-Dichloroethene	0.9830	0.10	1.000	<0.10	98%	70	130	0.9915	1%	20	
Toluene	0.8435	0.10	1.000	<0.10	84%		130	0.8385	1%	20	
Trichloroethene	0.8640	0.050	1.000	< 0.050	86%		130	0.8525	1%	20	
4-Bromofluorobenzene	2.335	N/A	2.500	N/A	93%		130				
1.2-Dichloroethane-d4	2.150	N/A	2.500	N/A	86%		130				
	2.100	1307.5	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	0.0771	000	14	,				
Dibromofluoromethane	2.256	N/A	2.500	N/A	90%	70	130				

									1	)										
1910 		¢	antic	//	.:			11						-	-11 - 1	1.12-0.2	2117			0.0.2
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# APPENDIX C

# MONITOR WELL DRILLING PERMIT CARD

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#### ARIZONA DEPARTMENT OF WATER RESOURCES 500 North Third Street Phoenix, Arizona 85004

#### DRILLING CARD VARIANCE GRANTED

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILLING OPERATIONS

WELL REGISTRATION NO: 55-901358

AUTHORIZED DRILLER: YELLOW JACKET DRILLING LICENSE NO: 78

NOTICE OF INTENT TO DRILL AND ABANDON GEOTECHNICAL WELLS HAS BEEN FILED WITH THE DEPARTMENT BY:

WELL OWNER: Bueler James LLP

ADDRESS: 1300 North McClintock Drive, Chandler, AZ, 85226

The well(s) is/are to be located in the:

1/4 of the NE 1/4 of the NW 1/4 Section 6 Township 10 N Range 18 W

No. of wells in this project: 10

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON 11/30/2005.

THE DRILLER MUST FILE A WELL DRILLER REPORT AND WELL LOG WITHIN 30 DAYS OF COMPLETION OF DRILLING

This drilling or abandonment authority was granted based upon the certifications made by the above-named driller in the notice of intent to drill or abandon. Those certifications, along with any variances granted, are listed below. By drilling or abandoning the well pursuant to this

authorization, the above-named driller acknowledges the accuracy of the driller certifications. If the certifications are in error, this authorization is invalid and driller must contact the Department of Water Resource's NOI Section in writing at the address above to correct.

Variance(s) Granted To Driller:

100' Setback Variance for Geotechnical Wells.

Certification(s) Made By Driller:

P By checking this box. I certify that I have all necessary Registrar of Contractor (ROC) licenses in all necessary license categories for this drilling or abandonment project and that those licenses are current.

If the landowner and the well owner are not the same, by checking this box. I certify that I have obtained written approval from the landowner in order to conduct this drilling or abandonment project. A copy of the written approval shall be submitted to ADWR with the Well Driller Report and Well Log or Well Abandonment Completion Report within 30 days of completion of drilling or abandonment.

By checking this box, I certify that I have read the applicable substantive policy statement regarding each variance that I am requesting, and that I shall comply with all of the requirements set forth therein.

By checking this box, I certify that I have been authorized by the above-named well owner to submit this Notice of Intent on the well owner's behalf.

Explore the squifer or other water sources.

