

Phase I Environmental Site Assessment

ASLD Fox River Resort 53-124186

6350 Riverside Drive

Parker, La Paz County, Arizona

February 1, 2024 | Terracon Project No. 65247021

Prepared for:

Arizona State Land Department
1110 West Washington Street
Phoenix, Arizona



Prepared by:

Terracon Consultants, Inc.
Tempe, Arizona



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February 1, 2024

Arizona State Land Department
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Attn: Mr. Bryan Sparks
P: (602) 542-2651
E: bsparks@azland.gov

Re: Phase I Environmental Site Assessment
ASLD Fox River Resort 53-124186
6350 Riverside Drive
Parker, La Paz County, Arizona 85344
Terracon Project No. 65247021

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 Proposal Number P65247021 dated January 9, 2024.

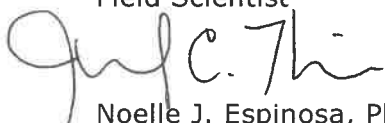
We appreciate the opportunity to be of service to you on this project. In addition to Phase I services, our professionals provide other environmental, geotechnical, construction materials, and facilities services on a wide variety of projects locally, regionally, and nationally. For more detailed information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

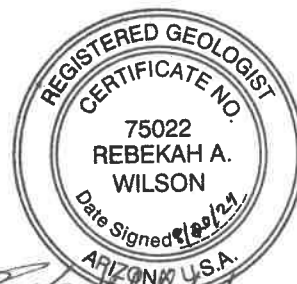
Sincerely,

Terracon Consultants, Inc.

Martha Leal

Martha Leal
Field Scientist

 For:
Noelle J. 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 Proposal Number P65247021 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 Hall 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, located at 6350 Riverside Drive in Parker, Arizona, consists of approximately 6.1 acres of Arizona State Land. The site is currently developed with Fox's RV Resort and Fox's Floating Bar.

Historical Information

Based on a review of the historical information, the site consisted of undeveloped land from at least 1911 to 1955. By 1959, two structures were depicted on the western end of the site. In approximately 1976, a floating bar/restaurant shade structures for RV and manufactured homes were developed on the site, with further expansion evident by 1980. By 1994, the site consisted of the existing RV resort and floating bar/restaurant.

The north adjoining property consisted of undeveloped land from at least 1911 to 1975. Residential roads followed the undeveloped land to the north by 1976. By 1994, the north adjoining property consisted of residential homes and has remained in this state to the present day. The east adjoining property consisted of undeveloped land from at least 1911 to 1947. A roadway consistent with Riverside Drive was developed by 1950. By 2005, debris were observed to the northeast. By 2020, an RV storage lot was present to the southeast and the east adjoining property has remained in this state to the present day. The south adjoining property consisted of undeveloped land from at least 1911 to 1950. One structure was depicted on the south adjoining property from approximately 1950 to 1975. By 1976, the south adjoining property consisted of the existing RV resort.

The west adjoining property has consisted of the Colorado River since at least 1911. RECS were not identified in the historical review.

Records Review

The site was identified in the Arizona Department of Environmental Quality (ADEQ) Environmental Monitoring Assessment Program (EMAP) database as a resort. The site has been considered inactive in the EMAP database since the recorded end date of May 29, 2012; however, the site is currently an active RV resort. The EMAP listing does not represent a REC to the site.

Based on distance, environmental setting and/or facility characteristics, the identified off-site facility and inquiry results from the local agencies do not constitute RECs in connection with the site at this time.

Site Reconnaissance

The site currently operates as Fox's RV Resort. During the site reconnaissance, Terracon observed a storage and golf cart maintenance shop, T-shirt building, a restaurant and floating bar (Fox's Floating Bar), restroom and recreation buildings, rentable modulars, a storage yard and a residence and office building. Terracon observed indications of a septic system, a pad-mounted transformer, and four municipal waste dumpsters on the site. Within the maintenance shop, Terracon observed on site a 900-Watt portable generator, multiple air compressors, multiple carbon dioxide (CO₂) tanks, multiple propane tanks, and multiple 5-gallon gasoline cans and roofing material buckets. Within Fox's Floating Bar, Terracon observed a ventilation hood and interior floor drains. Based on the site reconnaissance, RECs were not identified with the current site operations.

Adjoining Properties

The site is adjoined to the north by residential homes (6200 through 6300 Rio Lindo Shores Drive); to the east by Riverside Drive followed by vacant land and a RV storage lot (unaddressed); to the south by Sandbar Resort (6400 Riverside Drive); and to the west by the Colorado River.

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 the property located at 6350 Riverside Drive, La Paz County, Arizona, the site. RECs, Controlled RECs (CRECs), and/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.

1.0 INTRODUCTION

1.1 Site Description

Site Name	ASLD Fox River Resort 53-124186
Site Location/Address	6350 Riverside Drive, Parker, La Paz County, Arizona
Land Area	Approximately 6.1 acres
Site Improvements	Fox's RV Resort and Floating Bar
Anticipated Future Site Use	Continued as current use
Reason for the ESA	Sale of the site

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 Proposal Number P65247021 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 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 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, express 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. The limitation of liability defined in the Agreement 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, client's representative, 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	
		Yes	No
Specialized Knowledge or Experience that is material to a REC in connection with the site.			X
Actual Knowledge of Environmental Liens or Activity Use Limitations (AULs) that may encumber the site.			X
Actual Knowledge of a Lower Purchase Price because contamination is known or believed to be present at the site.			X
Commonly Known or Reasonably Ascertainable Information that is material to a REC in connection with the site.			X
Obvious Indicators of Releases at the site.			X

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 380 feet above sea level	USGS Topographic Map, Cross Roads, CA Quadrangle, 2021 (Appendix A)
Topographic Gradient	Sloping towards the west-northwest	
Closest Surface Water	The Colorado River, adjoining the site to the west	
Soil Characteristics		
Soil Type	Gilman-Yahana-Brios complex, Water association	La Paz County, Arizona Soil Source issued Site Soil Survey Date
Description	The Gilman series consists of very deep, well drained soils that formed in stratified stream alluvium. Gilman soils are on flood plains and alluvial fans and have slopes of 0 to 3 percent. The Yahana series consists of very deep, well drained, saline and sodic soils that formed in	

Physical Setting Information		Source
	stratified stream alluvium on flood plains. Slopes are 0 to 10 percent. The Brios series consists of very deep, excessively drained soils that formed in mixed and stratified alluvium. Brios soils are on flood plains and alluvial fans and have slopes of 0 to 5 percent.	
Geology/Hydrogeology		
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 https://geomapaz.azgs.arizona.edu/
Estimated Depth to First Occurrence of Groundwater	Approximately 19-22 feet bgs.	Arizona Department of Water Resources (ADWR) Groundwater Data Website https://new.azwater.gov/gis
*Hydrogeologic Gradient	Not known - may be inferred to be parallel to topographic gradient (primarily to the west-northwest).	

* 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, selected historical aerial photographs (at approximately 10-to-15-year intervals) and historical fire insurance maps produced by the Sanborn Map Company were reviewed to evaluate land development and obtain information concerning the history of development on and near the site. Reviewed historical topographic maps, aerial photographs, and Sanborn maps are summarized below.

Historical fire insurance maps produced by the Sanborn Map Company were requested from EDR to evaluate past uses and relevant characteristics of the Site and surrounding properties. Based upon inquiries to the above-listed Sanborn provider, Sanborn maps were not available for the site.

- Topographic map: Parker, AZ, published in **1911** (1:125,000)
- Topographic map: Parker Dam, AZ, published in **1950** (1:62,500)
- Topographic map: Gene Wash, CA, published in **1959, 1975, 1977, 2012, 2015, 2018, and 2021** (1:24,000)
- Topographic map: Cross Roads, CA, published in **1959, 1975, 1977, 2012, 2015, 2018, and 2021** (1:24,000)
- Aerial photograph: EDR Aerial Photo Decade Package, years **1947, 1953, 1955, 1976, 1980, 1992, 1994, 2005, 2007, 2010, 2014, 2017, and 2020** (Scale: 1"=500') are included in Appendix C.
- Google Earth: 2022 and 2023

Historical Maps and Aerial Photographs

Direction	Description
Site	Undeveloped land (1911-1955); two structures on the western end (1959-1976) a floating bar and shade structures for RV and manufactured homes (1980-1992); an RV resort and bar/restaurant (1994-2023).
North	Undeveloped land (1911-1975); undeveloped land followed by residential roads (1976-1992); residential homes (1994-2023).
East	Undeveloped land (1911-1947); roadway consistent with Riverside Drive (1950-1994); debris observed to the northeast (2005-2017); a RV storage lot to the southeast (2020-2023).
South	Undeveloped land (1911-1950); one structure depicted (1950-1975); an RV resort (1976-2023).

Direction	Description
West	The Colorado River (1911-2021).

3.2 Historical City Directories

The Cole Information and EDR Digital Archive 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 6350 Riverside Drive.

Historical City Directories

Direction	Description
Site	6350 Riverside Drive: BJ Enterprises (2005); Residential listings (2000-2020); Fox’s Pier Point Landing Resort (2010-2020).
North	6200-6300 Rio Lindo Shores Drive: residential listings (2000-2020).
East	Unaddressed.
South	6400 Riverside Drive: Dcucci Boats Incorporated (2000); Kabo Enterprises (2010); Sandbar Resort at Red Rock (2010-2017); residential listings (2005-2020).
West	Unaddressed.

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 Arizona State Land Department.

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

Environmental lien and activity and use limitation (AUL) 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

However, 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.

3.6 Interviews Regarding Current and Historical Site Uses

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

Interviews

Interviewer	Name / Phone # / Email	Title	Date/Time
Sophie McDonald	Don Turman / (702) 210-8388	Fox's RV Resort Business Owner	January 26, 2024 / 12:00 p.m.
Martha Leal	Bryan Sparks / 602-542- 2651 / bsparks@azland.gov	Site Owner Representative	January 30, 2024 / 4:00 p.m.

Terracon interviewed Mr. Don Turman, site operations/business owner, during the site reconnaissance. Mr. Turman indicated he has been familiar with the site since 2012. Mr. Turman indicated the site has operated as an RV resort since approximately 1980. Mr. Turman indicated the site operates as an RV resort with rentable modules, recreation facilities, dog parks, and a floating bar and restaurant. Mr. Turman indicated the site utilizes a septic system for wastewater, which included three septic tanks and two leach fields. Mr. Turman indicated the septic system gets maintained approximately once a year and he has had no issues with the system.

Mr. Turman indicated there is a small maintenance shop on the northern portion of the site that is used to maintain golfcarts and stores maintenance equipment for general building repairs throughout the properties. Mr. Turman indicated there are no waste oil tanks on site. Mr. Turman did indicate waste cooking oil is stored in a 50-gallon AST on the east adjoining property and is cleaned out monthly by an off-site company. Mr. Turman indicated there are no groundwater wells on site, the site utilities are provided by EPCOR (drinking water) and Arizona Public Service (APS) for electricity. Mr. Turman indicated the kitchen on site is powered by propane. Additionally, Mr. Turman indicated there is a propane tank on site that is used to re-fill guest personal propane tanks. Mr. Turman indicated he uses pumped river water to water the landscaping on site. Lastly, Mr. Turman indicated he was unaware of any hazardous waste spills on site. Mr. Turman 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 site.

Terracon interviewed Mr. Bryan Sparks, the site owner representative, on January 30, 2024. According to Mr. Sparks, the site has operated as an RV resort for approximately 30 years. Mr. Sparks was unaware of any previous site operations and stated there were no additional leases before the RV resort. Mr. Sparks was unaware of any underground features on the site. Mr. Sparks was unaware of any chemical storage, releases, fires, or accidents occurring on the site. Mr. Sparks 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 site.

3.7 Prior Report Review

Terracon requested the client provide any environmental reports they are aware of for the site. Previous reports were not provided by the client to Terracon for review.

4.0 RECORDS REVIEW

Regulatory database information was provided by EDR, a contract information services company in a report dated January 16, 2023. 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 down-gradient 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.

Federal Databases

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	0	0
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	Brownfields Sites	0.5	0
CA Brownfields	California Brownfields Sites	0.5	0
LUST	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
CA SWF/LF	California Solid Waste Facilities/Landfills	0.5	0

Database	Description	Distance (miles)	Listings
UST	Underground Storage Tanks	Site and adjoining properties	0
CA UST	California Underground Storage Tanks	Site and adjoining properties	0
VCP	Voluntary Cleanup Program	0.5	0
CA VCP	California Voluntary Cleanup Program	0.5	0
WQARF	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 La Paz 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 Location	Estimated Distance / Direction/Gradient	Database Listings	Findings Summary
Fox's Pier Point Landing Resort 6350 Riverside Dr	Site	EMAP	Not a REC, discussed below.

Fox's Pier Point Landing Resort

The site was identified in the EMAP database as a resort. The site has been considered inactive in the EMAP database since the recorded end date of May 29, 2012; however, the site is currently an active RV resort. The EMAP listing does not represent a REC to the site.

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 Town Clerk / clerk@townofparkeraz.us	The Parker Town Clerk was contacted for fire and building records associated with the site. The Town Clerk, Amy Putnam, responded that the site was not within their jurisdiction and redirected Terracon to La Paz County for the records. A copy of the response is included in Appendix C.
La Paz County Public Records Request / https://co.la-paz.az.us/622/Public-Records-Requests	La Paz County was contacted for building records associated with the site. permits for manufactured homes, a bar, and a deck dated 2018. A copy of the records can be found in Appendix C.
Arizona State Fire Marshal / https://azfiremarshal.my.site.com/s/guest-application?applnType=Public%20Records%20Request	The Arizona State Fire Marshal was contacted for fire records associated with the site. No records were identified for the site. A copy of the response can be found in Appendix C.
ADEQ / EMAP and MEGASEARCH https://gisweb.azdeq.gov/arcgis/emaps/ https://megasearch.azdeq.gov/megasearch	The ADEQ website was reviewed to identify possible UST/LUST registrations and drywell permits for the site. According to the ADEQ, no UST/LUST or drywell registrations were identified for the site. A copy of the ADEQ map can be found 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.

General Site Information

Site Reconnaissance				
Field Personnel	Sophie McDonald			
Reconnaissance Date	January 26, 2023			
Weather Conditions	Clear skies; ~65 degrees Fahrenheit			
Site Contact/Title	Don Turman / Site Operations Owner			
Building Description				
Building Identification	Building Use	Approx. Construction Date	Number of Stories	Approx. Size (ft ²)
North Storage and Maintenance Building	70% Maintenance Shop 20% Liquor Storage 10% Janitorial Storage	1994	1	2,500
Northwestern Restroom and Recreation Building	80% Restrooms 20% Fitness Room	1994	1	1,200
Restaurant/Kitchen	Restaurant/Kitchen	1994	1	2,800
Fox's Floating Bar	Floating Bar	1994	1	1,600
Southern Bar Building	Bar	2007	1	1,200
Residential and Office Building	Operations Owner Residence and Office	1994	2	3,500
Recreation Building	Game Room	2005	1	1,700
Multiple Modular Buildings	Rentable Buildings	2005	1	400
T-Shirt Building	Shirt Sales	2017	1	300
Site Utilities				

Site Reconnaissance	
Drinking Water	EPCOR
Wastewater	Septic
Electric	APS
Natural Gas	Propane

5.2 Overview of Current Site Occupants & Operations

The site, located at 6350 Riverside Drive in Parker, Arizona, consists of approximately 6.1 acres of Arizona State Land. The site is currently developed with Fox’s RV Resort and Fox’s Floating Bar.

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.

Site Characteristics

Category	Item or Feature	Observed or Identified
Site Operations, Processes, and Equipment	Emergency generators	X
	Elevators	
	Air compressors	X
	Hydraulic lifts	
	Dry cleaning	
	Photo processing	
	Ventilation hoods and/or incinerators	X
	Waste treatment systems and/or water treatment systems	
	Heating and/or cooling systems	
	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.)	

Category	Item or Feature	Observed or Identified
	Salvage operations	
	Oil, gas, or mineral production	
	Other processes or equipment	X
Aboveground Chemical or Waste Storage	Aboveground storage tanks	
	Drums, barrels, and/or containers \geq 5 gallons	X
	MSDS or SDS	
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, French drains, catch basins, and/or dry wells	
	Grease traps	
	Septic tanks and/or leach fields	X
	Oil/water separators, clarifiers, sand traps, triple traps, interceptors	
	Pipeline markers	
	Interior floor drains	X
Electrical Transformers/PCBs	Transformers and/or capacitors	X
	Other equipment	
Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	
	Leachate and/or waste seeps	
	Trash, debris, and/or other waste materials	X
	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	
Other Notable Site Features	Surface water bodies	
	Quarries or pits	
	Wastewater lagoons	
	Wells	

Site Operations, Processes, and Equipment

Emergency generators

A 900-Watt portable generator was observed in the maintenance shop on the northern portion of the site. The generator is used for general maintenance activities throughout the RV resort. No staining, noxious odors, or evidence of a release was observed near the generator. The 900-Watt portable generator does not represent a REC to the site.

Air compressors

Multiple air compressors were observed in the maintenance shop in the northern portion of the site. The air compressors are used for general maintenance activities throughout the RV resort. No staining, noxious odors, or evidence of a release was observed near 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 Fox's Floating Bar and Restaurant. No staining, noxious odors, or evidence of a release was observed near the ventilation hood. The ventilation hood does not represent a REC to the site.

Other processes or equipment

Multiple CO₂ tanks were observed throughout the bar and kitchen areas of the site. The CO₂ is used for the beverages machines at the resort. No staining, noxious odors, or evidence of a release was observed near the CO₂ tanks. The CO₂ tanks do not represent a REC to the site.

Multiple propane tanks (20 pound to 250-gallon tanks) were observed throughout the site. Propane is used at the Fox's restaurant kitchen, restrooms, residences, and individually owned RVs throughout the site. In addition, there is a 250-gallon propane tank on the western portion of the site that is operated by Fox's RV Resort to re-fill guest smaller (20 pound) personally owned propane tanks. No staining, noxious odors, or evidence of a release was observed near the propane tanks. The propane tanks do not represent a REC to the site.

Two pressurized water tanks were observed on the western portion of the site. Water from the west adjoining Colorado River is extracted and used to water the sites landscaping. No staining, noxious odors, or evidence of a release was observed near the pressurized water tanks. The pressurized water tanks do not represent a REC to the site.

Aboveground Chemical or Waste Storage

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

Five 5-gallon gasoline cans were observed in the maintenance shop on the northern portion of the site. The gasoline cans are used to power the 900-Watt generator on site. No staining, noxious odors, or evidence of a release was observed near the gasoline cans. The 5-gallon gasoline cans do not represent a REC to the site.

Additionally, multiple 5-gallon buckets of roofing materials were observed in the maintenance shop on the northern portion of the site. The roofing materials are used to repair the roof of the permanent facilities on site. No staining, noxious odors, or evidence of a release was observed near the 5-gallon buckets. The 5-gallon buckets do not represent a REC to the site.

Underground Chemical or Waste Storage, Drainage or Collection Systems

Septic tanks and/or leach fields

Based on an interview with the site's operations and business owner, Mr. Don Turman (Section 3.6) there are three septic tanks and two leach fields located on site. The three septic tanks are located on the western portion of the site and the leach fields are located on the central and eastern portions of the site approximately 385 and 500 feet east of the Colorado River. Based on the site reconnaissance, no staining, noxious odors, or evidence of a release was observed near the septic tank clean outs and leach fields. Additionally, the septic tanks only receive municipal and residential wastewater. The septic system does not represent a REC to the site.

Interior floor drains

Multiple interior floor drains were observed throughout the site the restrooms, recreation building, bar, and restaurant buildings. No staining, noxious odors, or evidence of a release was observed near the floor drains. The interior floor drains do not represent a REC to the site.

Electrical Transformers/ PCBs

Transformers and/or capacitors

One pad-mounted transformer, owned and serviced by APS, was observed located on the northwestern portion of the site. No information with regard to polychlorinated biphenyls (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 transformer does not represent a REC to the site.

Releases or Potential Releases

Trash, debris, and/or other waste materials

Four municipal waste dumpsters, owned and serviced by Republic Service, were observed on the northwestern portion 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.

6.0 ADJOINING PROPERTY RECONNAISSANCE

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

Adjoining Properties

Direction	Description
North	Residential homes (6200 through 6300 Rio Lindo Shores Drive).
East	Riverside Drive followed by vacant land and a RV storage lot (unaddressed).
South	Sandbar Resort (6400 Riverside Drive).
West	The Colorado River (unaddressed).

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

7.0 ADDITIONAL SERVICES

Per the agreed scope of services specified in the proposal, additional services (e.g. asbestos sampling, lead-based 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.

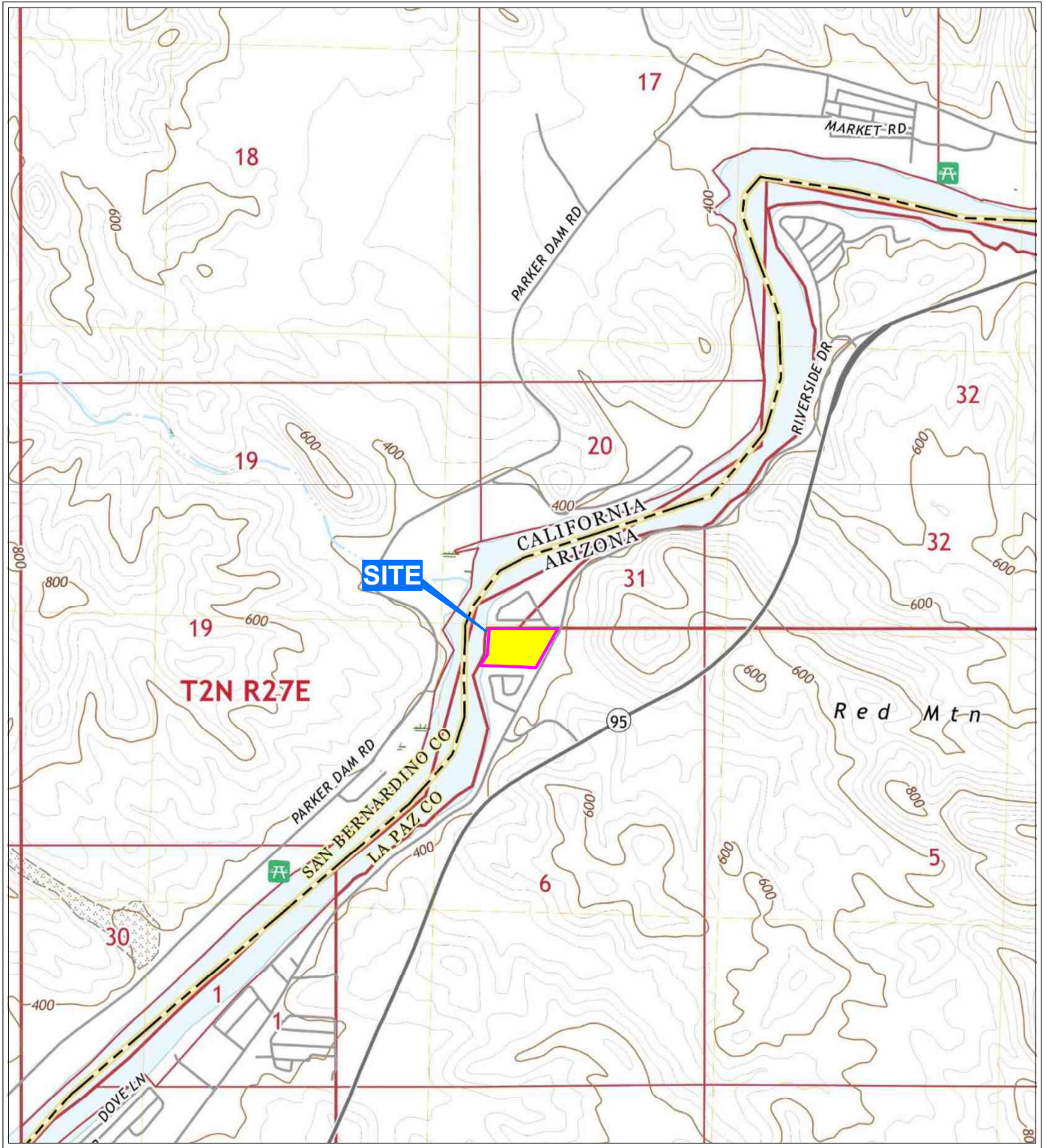


Rebekah A. Wilson, R.G.
Project Manager

APPENDIX A

EXHIBIT 1: TOPOGRAPHIC MAP

EXHIBIT 2: SITE DIAGRAM



2021 Cross Roads, CA

UNITED STATES DEPARTMENT OF THE
 INTERIOR - GEOLOGICAL SURVEY -
 7.5 MINUTE SERIES MAP



C:\Users\jdgelen\OneDrive - Terracon Consultants\Inc\Desktop\65247XXX\65247021\Parent\Parent.aprx

Project Mngr:	RAW	Project No.	65247021
Drawn By:	JDG	Scale:	AS SHOWN
Checked By:	NJE	File No.	65247021.Topo
Approved By:	NJE	Date:	1/29/2024

Terracon
 Consulting Engineers and Scientists

4685 South Ash Ave, Suite H-4 Tempe, AZ 85282
 PH. (480) 897-8200 www.terracon.com

TOPOGRAPHIC MAP

Fox River Resort

6350 Riverside Drive, Parker, AZ

EXHIBIT

1



SITE DIAGRAM
Fox River Resort
 6350 Riverside Drive, Parker, AZ



Project No.:	65247021
Scale:	As Shown
File Name:	65247021.Dia
Date:	January 19, 2024

Project Mngr:	RAW
Drawn By:	JDG
Checked By:	RAW
Reviewed By:	NJE

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0 230
 APPROXIMATE SCALE

APPENDIX B
SITE PHOTOGRAPHS



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



Photo #2 View of the northeastern and entrance of the site, looking west from the northeast site boundary.



Photo #3 View of the southwestern portion of the site, looking northeast from the southwest site boundary.



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



Photo #5 View of the storage and maintenance shop located on the northern portion of the site.



Photo #6 View of the restrooms and fitness recreation building located on the northern portion of the site.



Photo #7 View of the kitchen and restaurant building located on the western portion of the site.



Photo #8 View of the Fox's Floating Bar located on the western portion of the site.



Photo #9 View of the southern bar building located on the western portion of the site.



Photo #10 View of the T-shirt Shop Building located on the northwestern corner of the site.



Photo #11 View of the recreation building located on the eastern portion of the site.



Photo #12 View of multiple rentable modules located throughout the site.



Photo #13 View of the portable 900-Watt generator located inside the maintenance shop.



Photo #14 View of typical air compressor, located inside the maintenance shop on the northern portion of the site.



Photo #15 View of ventilation hood located in the kitchen on the western portion of the site.



Photo #16 View of typical compressed CO₂ tank located throughout the bar and kitchen areas of the site.



Photo #17 View of typical propane tank used throughout the site.



Photo #18 View of the propane tank filling station located on the western portion of the site.



Photo #19 View of river water pressure tanks located on the western portion of the site.



Photo #20 View of 5-gallon gasoline cans located inside the maintenance shop on the northern portion of the site.



Photo #21 View of 5-gallon buckets of roofing materials located inside the maintenance shop.



Photo #22 View of the one of the septic tank locations located on the western portion of the site.



Photo #23 View of the located of two septic tanks on the northwestern portion of the site.



Photo #24 View of the location of the western septic leach field, looking north.



Photo #25 View of the location of the eastern septic leach field, looking north.



Photo #26 View of typical interior floor drain located throughout the site.



Photo #27 View of the pad-mounted transformer located on the northwestern portion of the site.



Photo #28 View of municipal waste dumpsters located on the northwestern portion of the site.



Photo #29 View of the north adjoining residential homes.



Photo #30 View of the east adjoining Riverside Drive followed by vacant land.



Photo #31 View of the east adjoining Riverside Drive followed by an RV storage lot.



Photo #32 View of the south adjoining Sandbar RV Resort.



Photo #33 View of the 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: <u>BRYAN SPARKS</u> Company: <u>ASLB</u>	Phone: <u>602-342-2857</u> Email: <u>bspark@AZland.gov</u>
Site Name	Fox RV Resort ASLD Reference Number 53-124185	
Site Address	6350 Riverside Drive, Parker, AZ 85344	
Point of Contact for Access	Name: <u>See Above</u> Company:	Phone: Email:
Access Restrictions or Special Site Requirements?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, please explain)	
Confidentiality Requirements?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (If yes, please explain)	
Current Site Owner	Name: Company: <u>Arizona State Land</u>	Phone: Email: <u>_____</u>
Current Site Operator	Name: Company:	Phone: Email:
Reasons for ESA (e.g., financing, acquisition, lease, etc.)	<u>Future Sale</u>	
Anticipated Future Site Use	<u>Campground</u>	
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 Questionnaire

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

- 1) Did a search of land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the site under federal, tribal, state, or local law (40 CFR 312.25)?
 No Yes (If yes, explain below and send Terracon a copy of the title records or judicial records reviewed.)
- 2) Did a search of land title records (or judicial records where appropriate) identify any activity and use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded against the site under federal, tribal, state, or local law (40 CFR 312.26)?
 No Yes (If yes, explain below and send Terracon a copy of the title records or judicial records reviewed.)
- 3) Do you have any specialized knowledge or experience related to the site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business (40 CFR 312-28)?
 No Yes (If yes, explain below)
- 4) Do you have actual knowledge of a lower purchase price because contamination is known or believed to be present at the site (40 CFR 312.29)?
 No Yes Not applicable (If yes or Not applicable, explain below)
- 5) Are you aware of commonly known or reasonably ascertainable information about the site that would help the environmental professional to identify conditions indicative of releases or threatened releases (40 CFR 312.30)? For example, (a.) Do you know the past uses of the site? (b.) Do you know of specific chemicals that are present or once were present at the site? (c.) Do you know of spills or other chemical releases that have taken place at the site? (d.) Do you know of any environmental cleanups that have taken place at the site?
 No Yes (If yes, explain below)
- 6) Based on your knowledge and experience related to the site, are there any obvious indicators that point to the presence or likely presence of releases at the site (40 CFR 312.31)?
 No Yes (If yes, explain below)

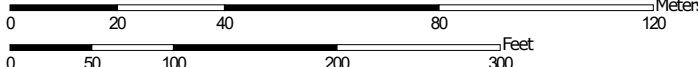
Comments or explanations:

Soil Map—Kofa Area, Arizona, Parts of La Paz and Yuma Counties



Soil Map may not be valid at this scale.

Map Scale: 1:1,410 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 11N WGS84


MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Kofa Area, Arizona, Parts of La Paz and Yuma 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 28, 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.

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	6.7	98.8%
430	Water association	0.1	1.2%
Totals for Area of Interest		6.8	100.0%

6350 Riverside Drive

6350 Riverside Drive

Parker, AZ 85344

Inquiry Number: 7541178.3

January 16, 2024

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

01/16/24

Site Name:

6350 Riverside Drive
6350 Riverside Drive
Parker, AZ 85344
EDR Inquiry # 7541178.3

Client Name:

Terracon
4685 South Ash Ave
Tempe, AZ 85282
Contact: Martha Leal



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Certified Sanborn Results:

Certification # 26D2-46F7-833D
PO # NA
Project 65247021



Sanborn® Library search results

Certification #: 26D2-46F7-833D

UNMAPPED PROPERTY

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- Library of Congress
- University Publications of America
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6350 Riverside Drive

6350 Riverside Drive

Parker, AZ 85344

Inquiry Number: 7541178.8

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

01/16/24

Site Name:

6350 Riverside Drive
6350 Riverside Drive
Parker, AZ 85344
EDR Inquiry # 7541178.8

Client Name:

Terracon
4685 South Ash Ave
Tempe, AZ 85282
Contact: Martha Leal



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Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
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
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: January 01, 1994	USGS/DOQQ
1992	1"=500'	Flight Date: September 13, 1992	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: September 30, 1947	USGS

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0 Feet 500 1000 2000

Project Manager:	Project No:
Drawn By:	Scale:
Checked By:	File Name:
Approved By:	Date: 2020



2020 AERIAL PHOTOGRAPH	



0 Feet 500 1000 2000

Project Manager:	Project No:
Drawn By:	Scale:
Checked By:	File Name:
Approved By:	Date: 2017



2017 AERIAL PHOTOGRAPH	

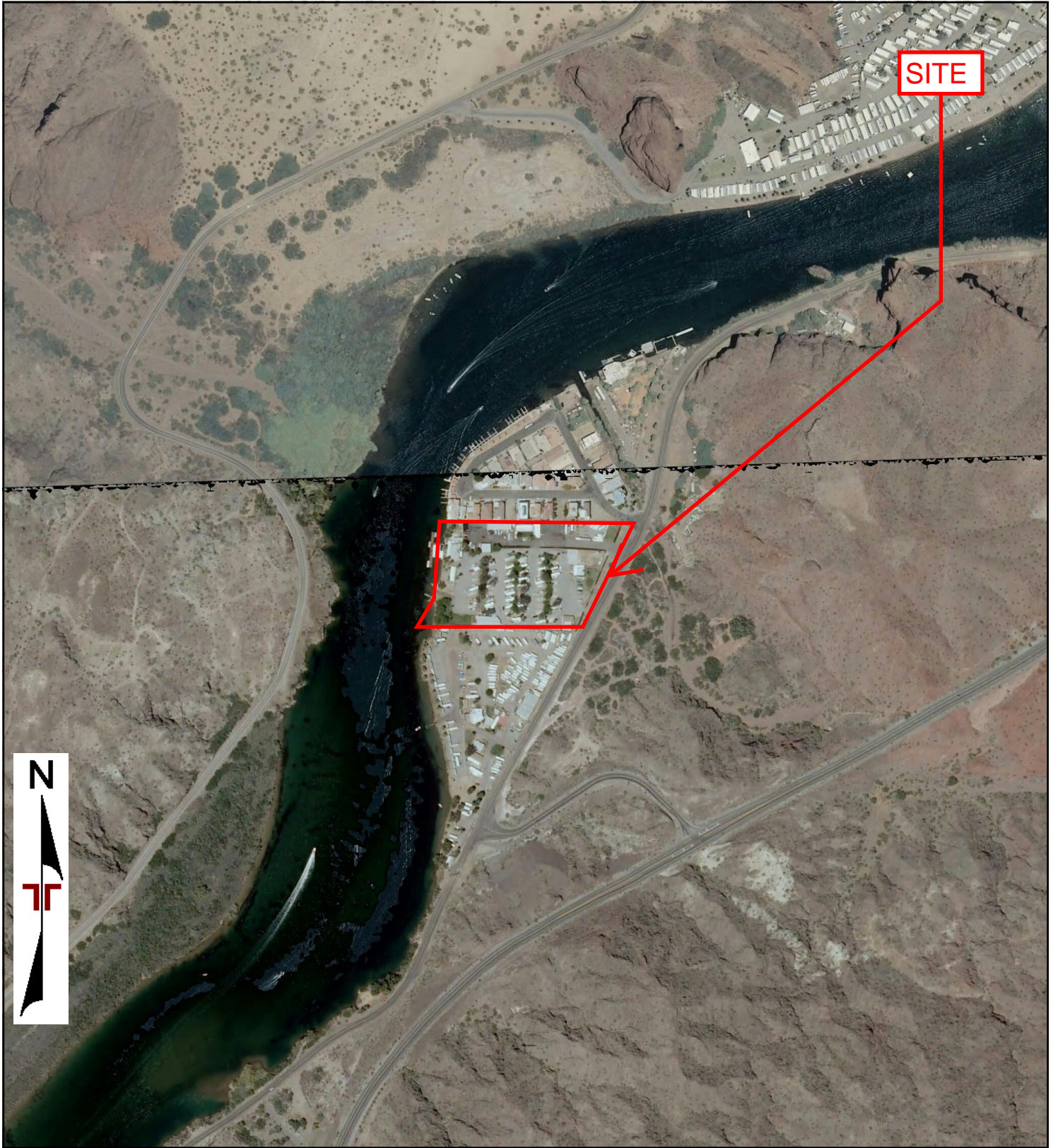


0 Feet 500 1000 2000

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Drawn By:	Scale:
Checked By:	File Name:
Approved By:	Date: 2014



2014 AERIAL PHOTOGRAPH	



0 Feet 500 1000 2000

Project Manager:	Project No:
Drawn By:	Scale:
Checked By:	File Name:
Approved By:	Date: 2010



2010 AERIAL PHOTOGRAPH	



0 Feet 500 1000 2000

Project Manager:	Project No:
Drawn By:	Scale:
Checked By:	File Name:
Approved By:	Date: 2007



2007 AERIAL PHOTOGRAPH	

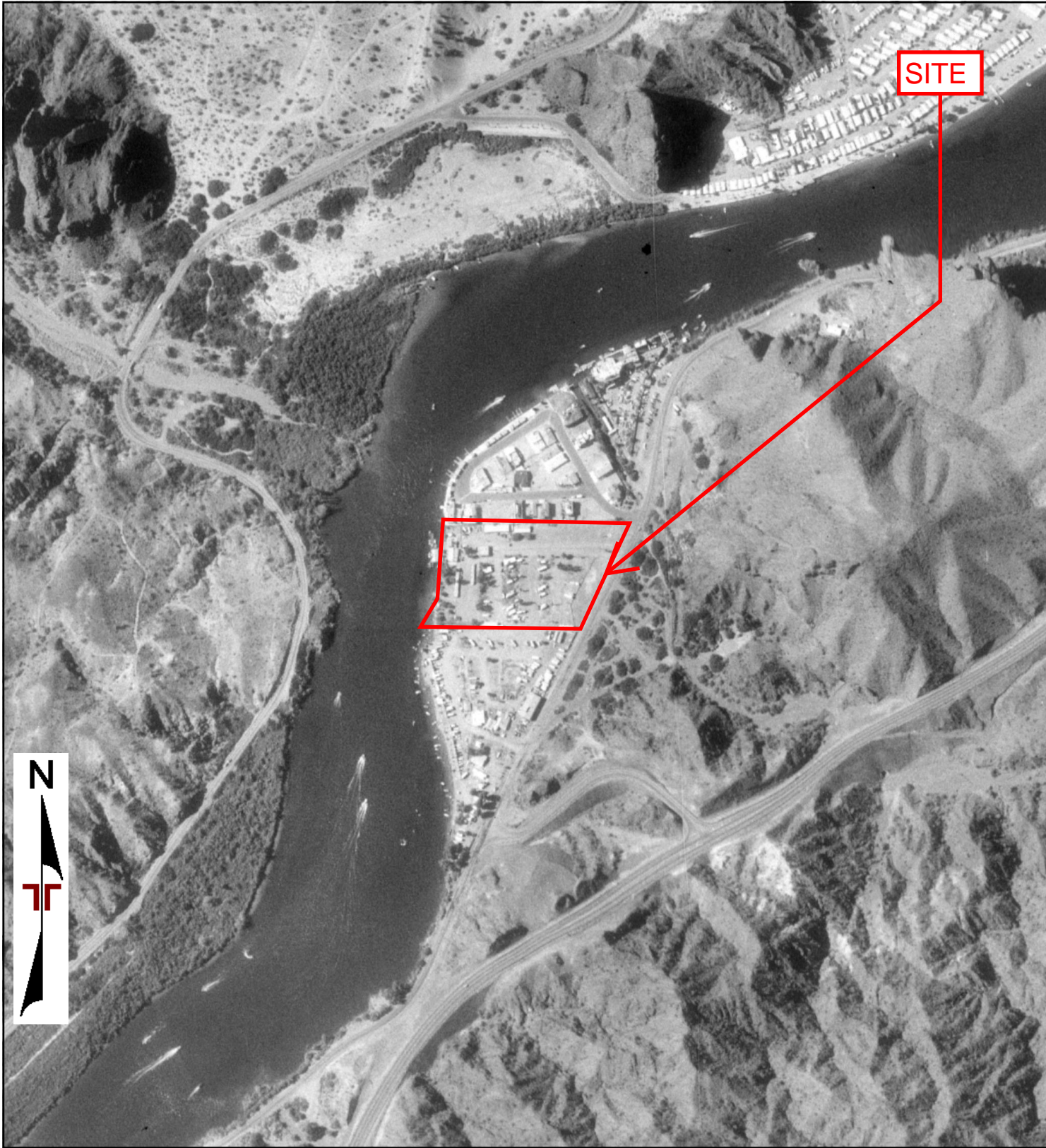


0 Feet 500 1000 2000

Project Manager:	Project No:
Drawn By:	Scale:
Checked By:	File Name:
Approved By:	Date: 2005



2005 AERIAL PHOTOGRAPH



0 Feet 500 1000 2000

Project Manager:	Project No:
Drawn By:	Scale:
Checked By:	File Name:
Approved By:	Date: 1994



1994 AERIAL PHOTOGRAPH	

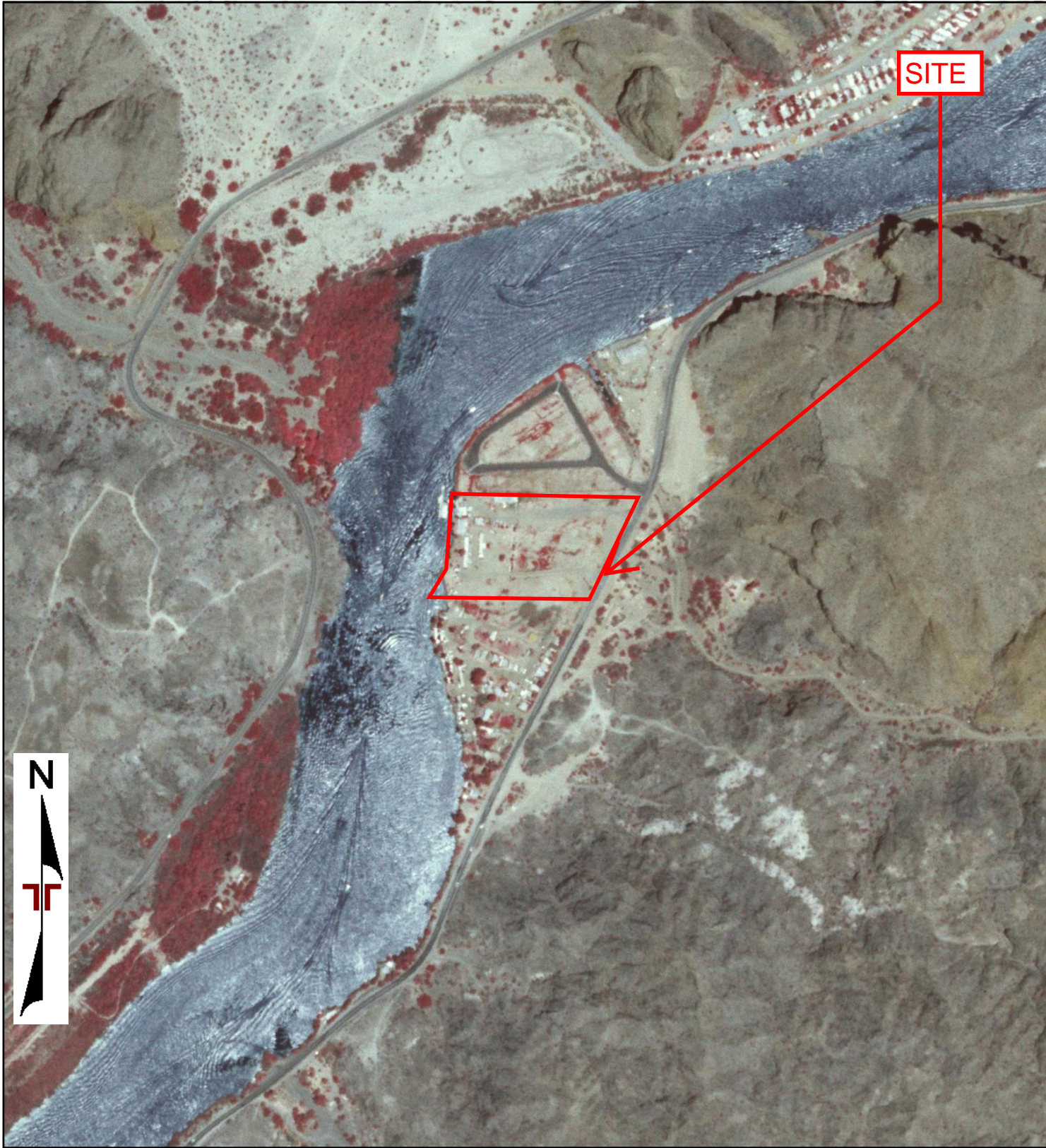


0 Feet 500 1000 2000

Project Manager:	Project No:
Drawn By:	Scale:
Checked By:	File Name:
Approved By:	Date: 1992



1992 AERIAL PHOTOGRAPH	

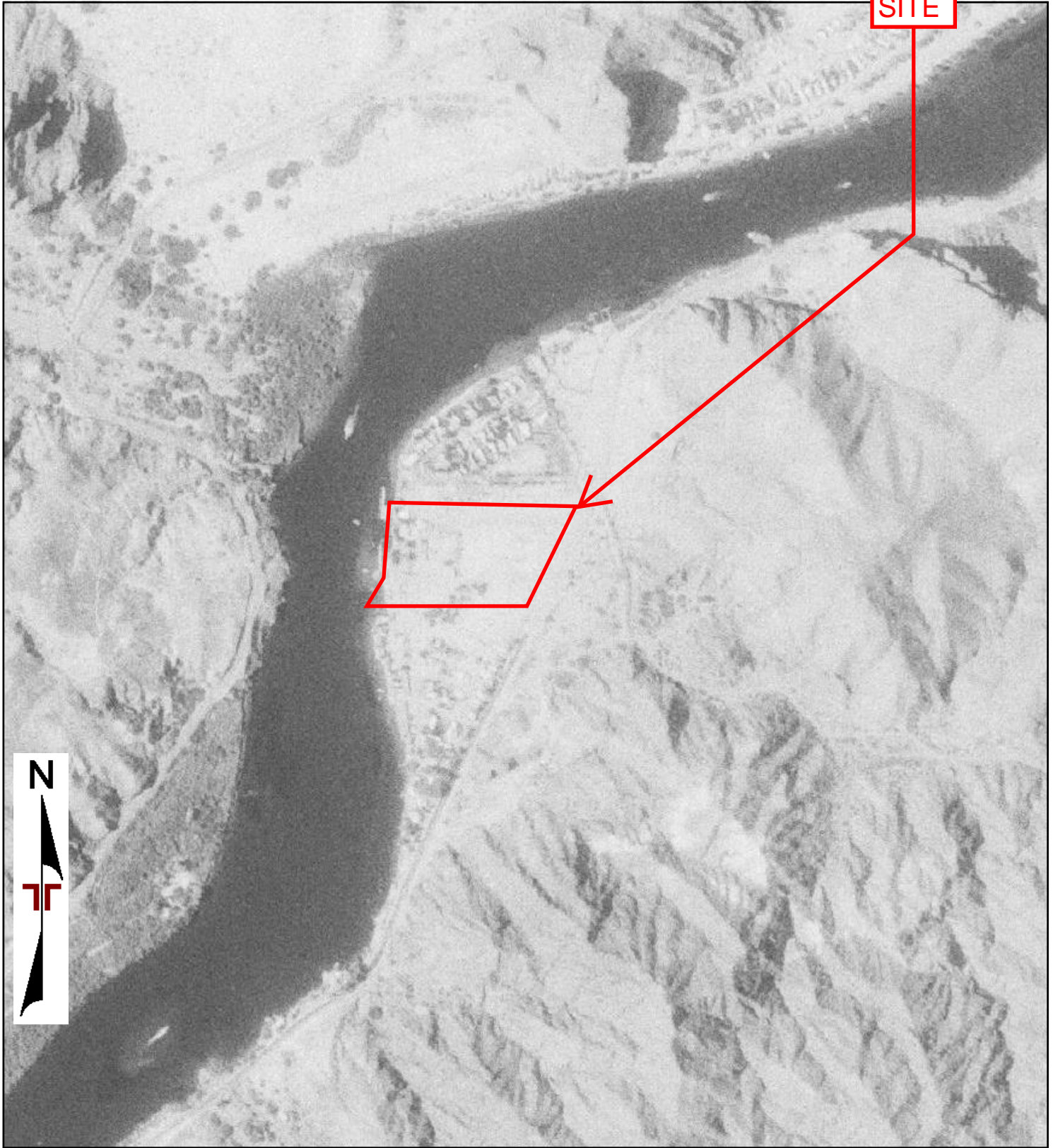


0 Feet 500 1000 2000

Project Manager:	Project No:
Drawn By:	Scale:
Checked By:	File Name:
Approved By:	Date: 1980



1980 AERIAL PHOTOGRAPH	



0 Feet

500

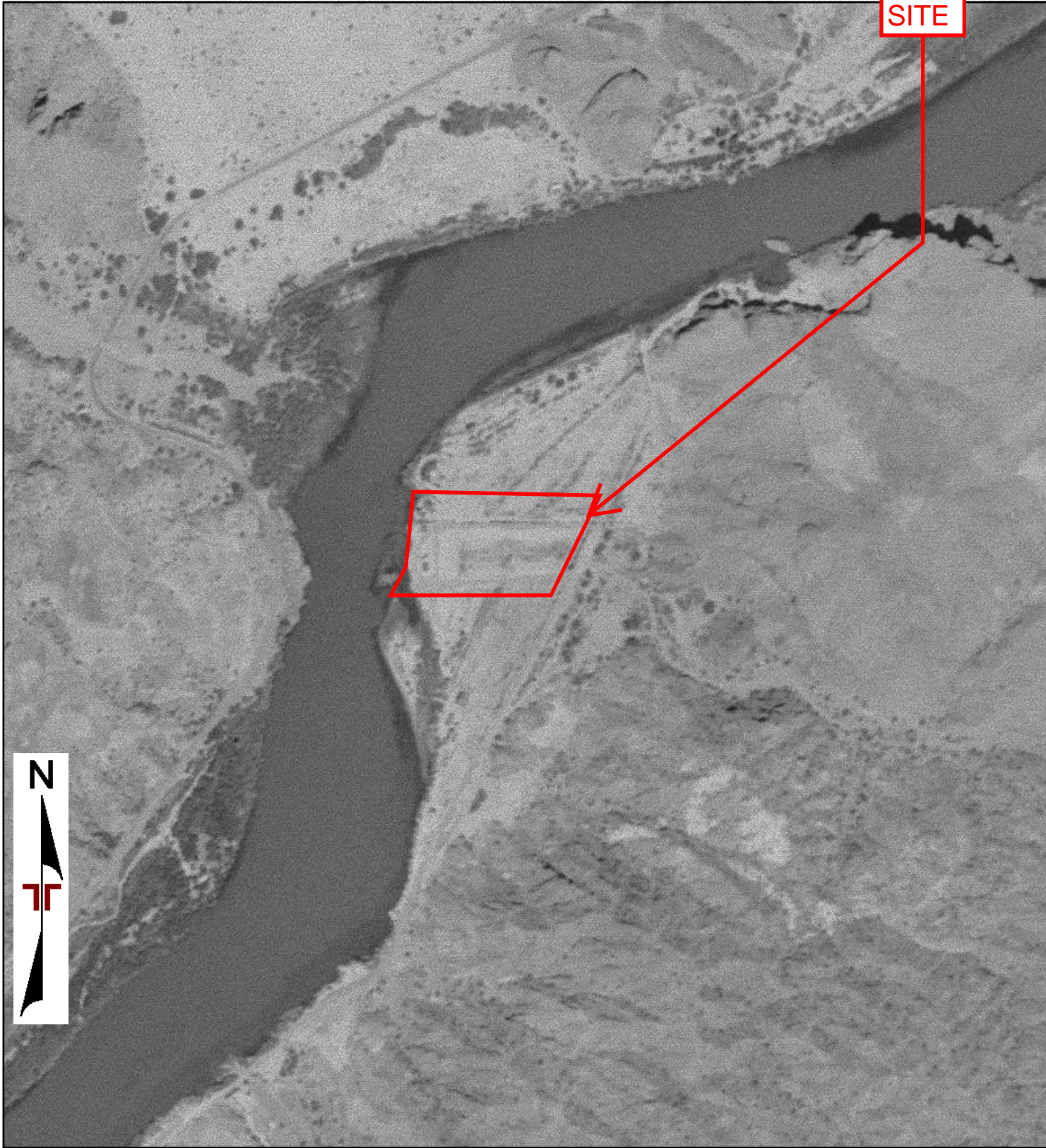
1000

2000

Project Manager:	Project No:
Drawn By:	Scale:
Checked By:	File Name:
Approved By:	Date: 1976



1976 AERIAL PHOTOGRAPH	



0 Feet

500

1000

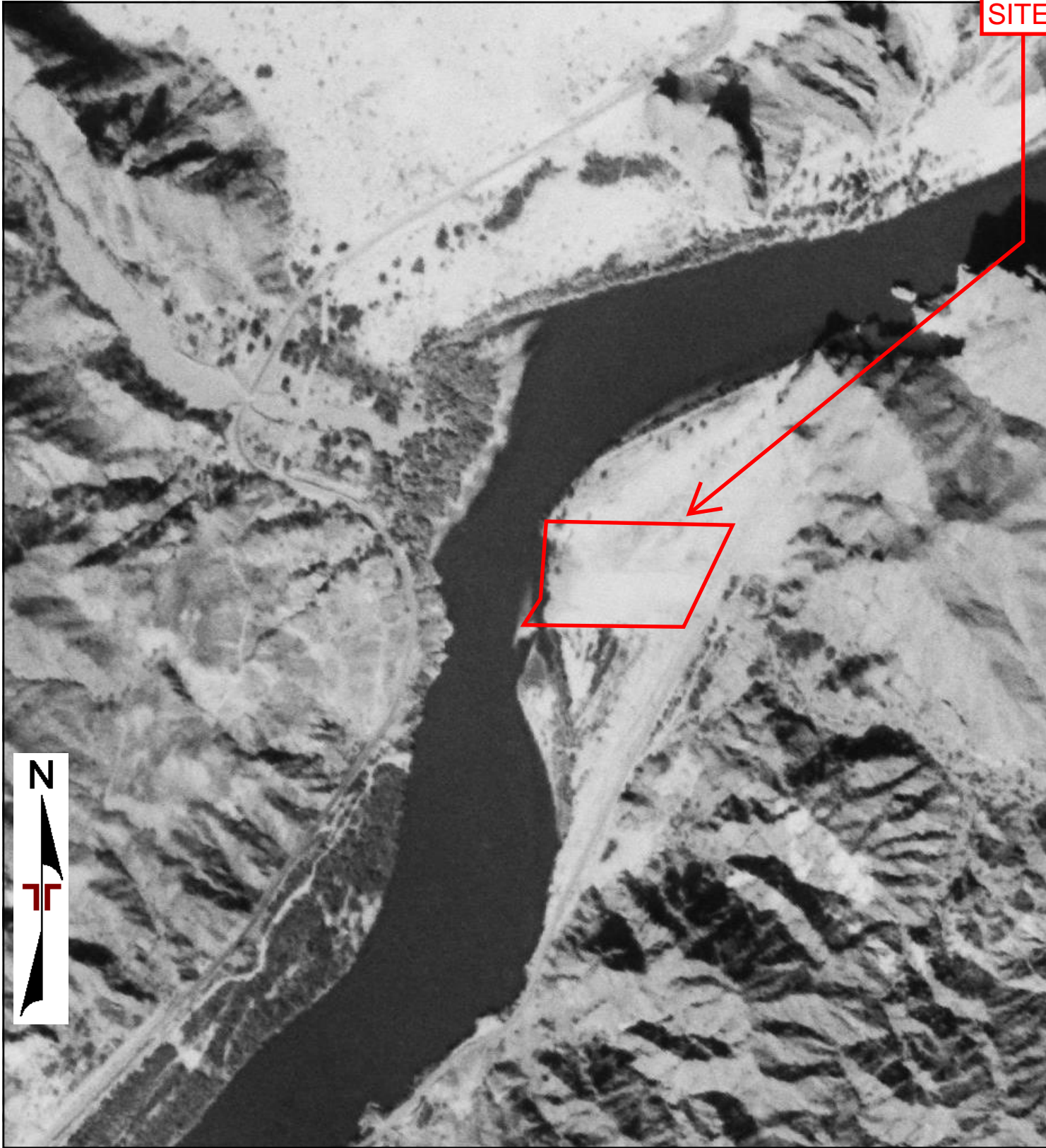
2000

Project Manager:	Project No:
Drawn By:	Scale:
Checked By:	File Name:
Approved By:	Date: 1955



1955 AERIAL PHOTOGRAPH	

SITE



0 Feet

500

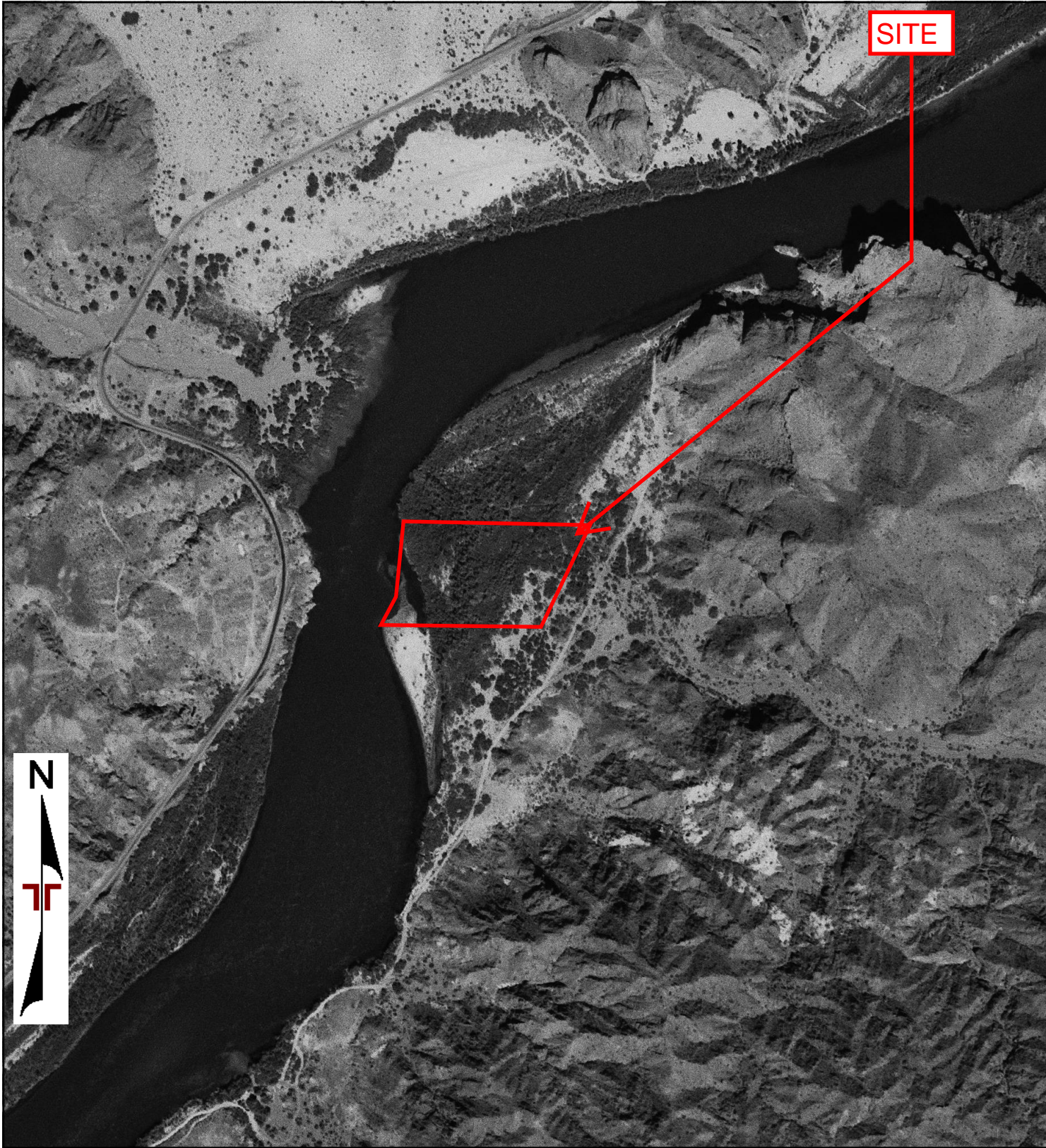
1000

2000

Project Manager:	Project No:
Drawn By:	Scale:
Checked By:	File Name:
Approved By:	Date: 1953



1953 AERIAL PHOTOGRAPH	



SITE



0 Feet

500

1000

2000

Project Manager:	Project No:
Drawn By:	Scale:
Checked By:	File Name:
Approved By:	Date: 1947



1947 AERIAL PHOTOGRAPH

6350 Riverside Drive

6350 Riverside Drive

Parker, AZ 85344

Inquiry Number: 7541178.4

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

01/16/24

Site Name:

6350 Riverside Drive
6350 Riverside Drive
Parker, AZ 85344
EDR Inquiry # 7541178.4

Client Name:

Terracon
4685 South Ash Ave
Tempe, AZ 85282
Contact: Martha Leal



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. EDR's 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 Results:

Coordinates:

P.O.#	NA	Latitude:	34.244792 34° 14' 41" North
Project:	65247021	Longitude:	-114.174011 -114° 10' 26" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	760261.97
		UTM Y Meters:	3792912.16
		Elevation:	383.68' above sea level

Maps Provided:

- 2021
- 2018
- 2015
- 2012
- 1975, 1977
- 1959
- 1950
- 1911

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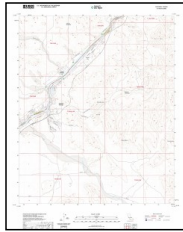
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EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, LLC or its affiliates. All other trademarks used herein are the property of their respective owners.

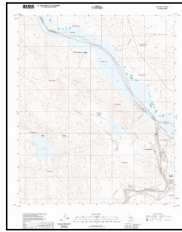
Topo Sheet Key

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

2021 Source Sheets



Cross Roads
2021
7.5-minute, 24000

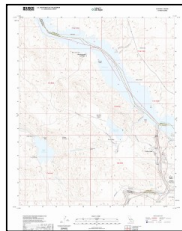


Gene Wash
2021
7.5-minute, 24000

2018 Source Sheets

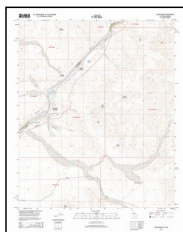


Cross Roads
2018
7.5-minute, 24000

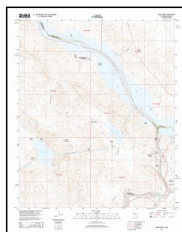


Gene Wash
2018
7.5-minute, 24000

2015 Source Sheets

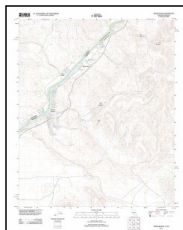


Cross Roads
2015
7.5-minute, 24000

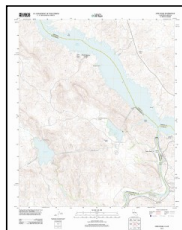


Gene Wash
2015
7.5-minute, 24000

2012 Source Sheets



Cross Roads
2012
7.5-minute, 24000



Gene Wash
2012
7.5-minute, 24000

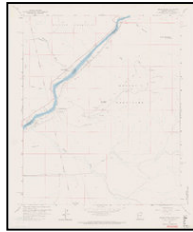
Topo Sheet Key

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

1975, 1977 Source Sheets

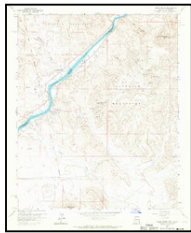


Gene Wash
1975
7.5-minute, 24000
Aerial Photo Revised 1975

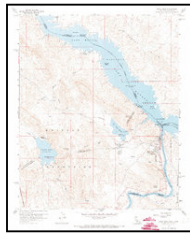


Cross Roads
1977
7.5-minute, 24000
Aerial Photo Revised 1975

1959 Source Sheets



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



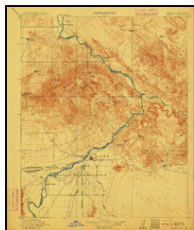
Gene Wash
1959
7.5-minute, 24000
Aerial Photo Revised 1955

1950 Source Sheets

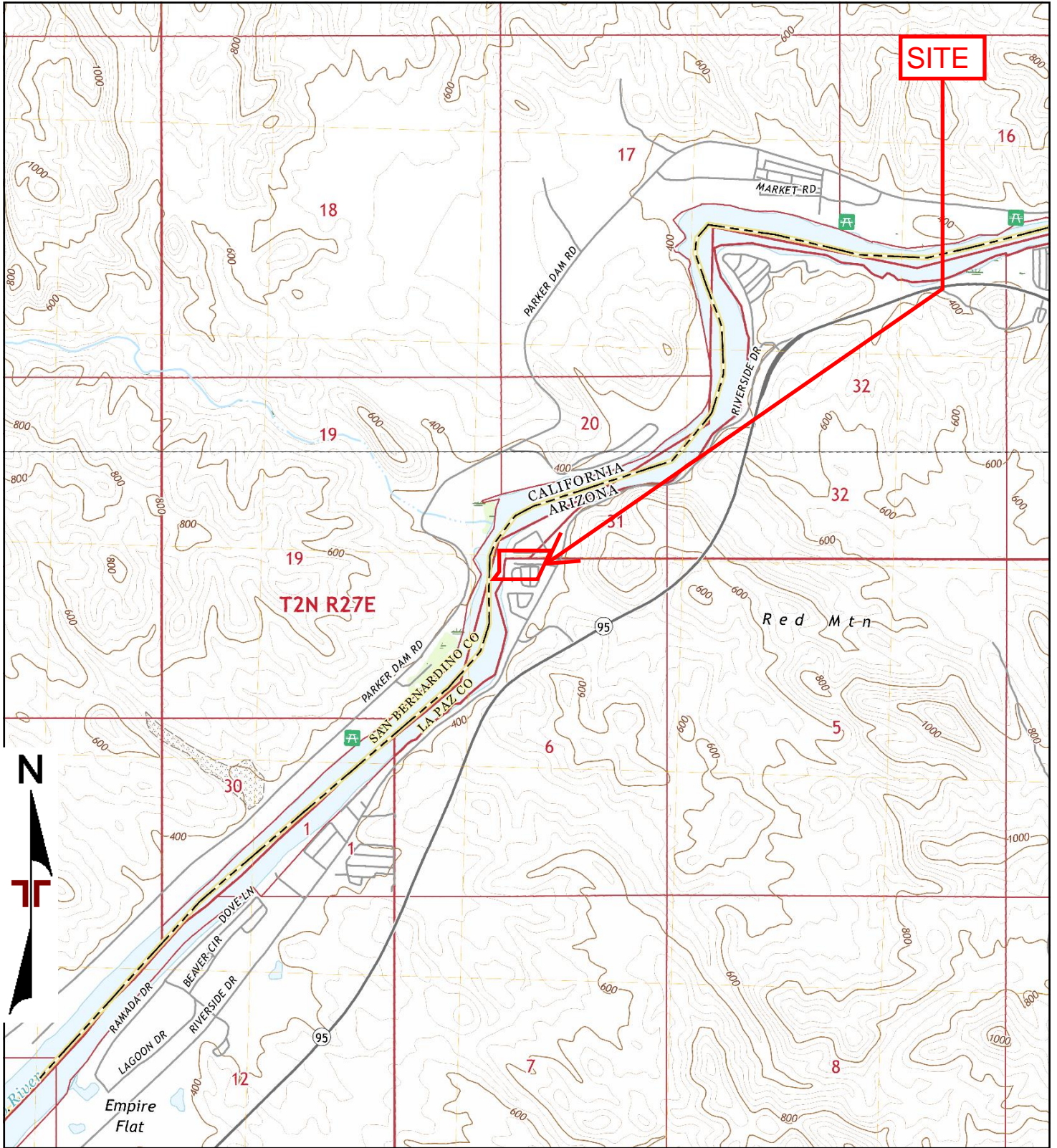


Parker Dam Area
1950
15-minute, 62500
Aerial Photo Revised 1947

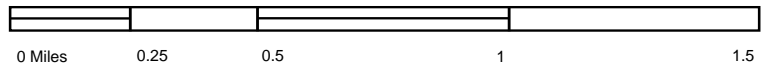
1911 Source Sheets



Parker
1911
30-minute, 125000



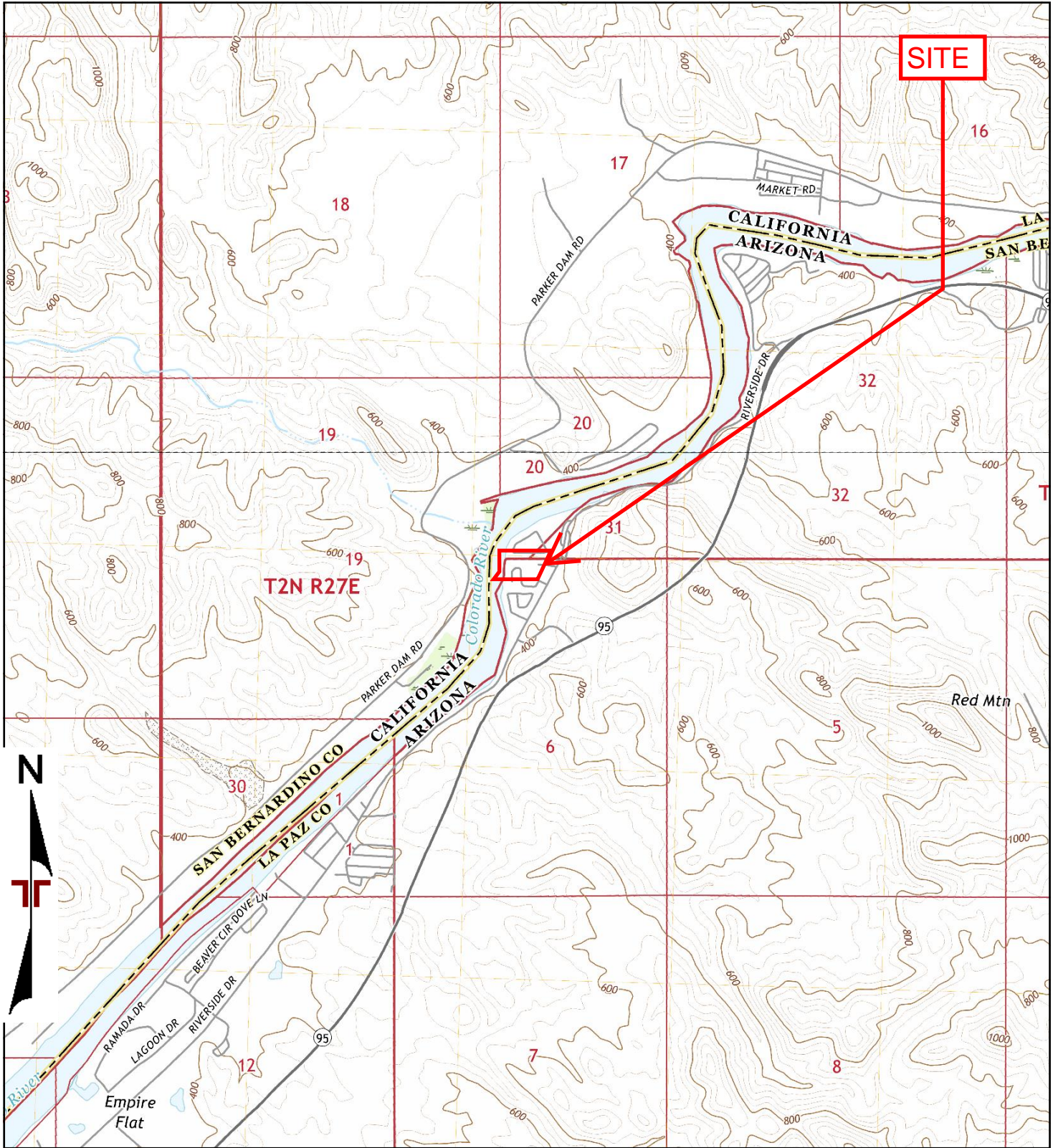
TP, Cross Roads, 2021, 7.5-minute
 N, Gene Wash, 2021, 7.5-minute



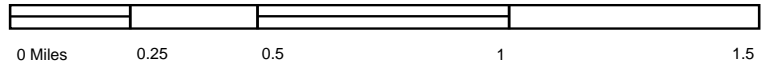
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date: 2021



2021 TOPOGRAPHIC MAP	



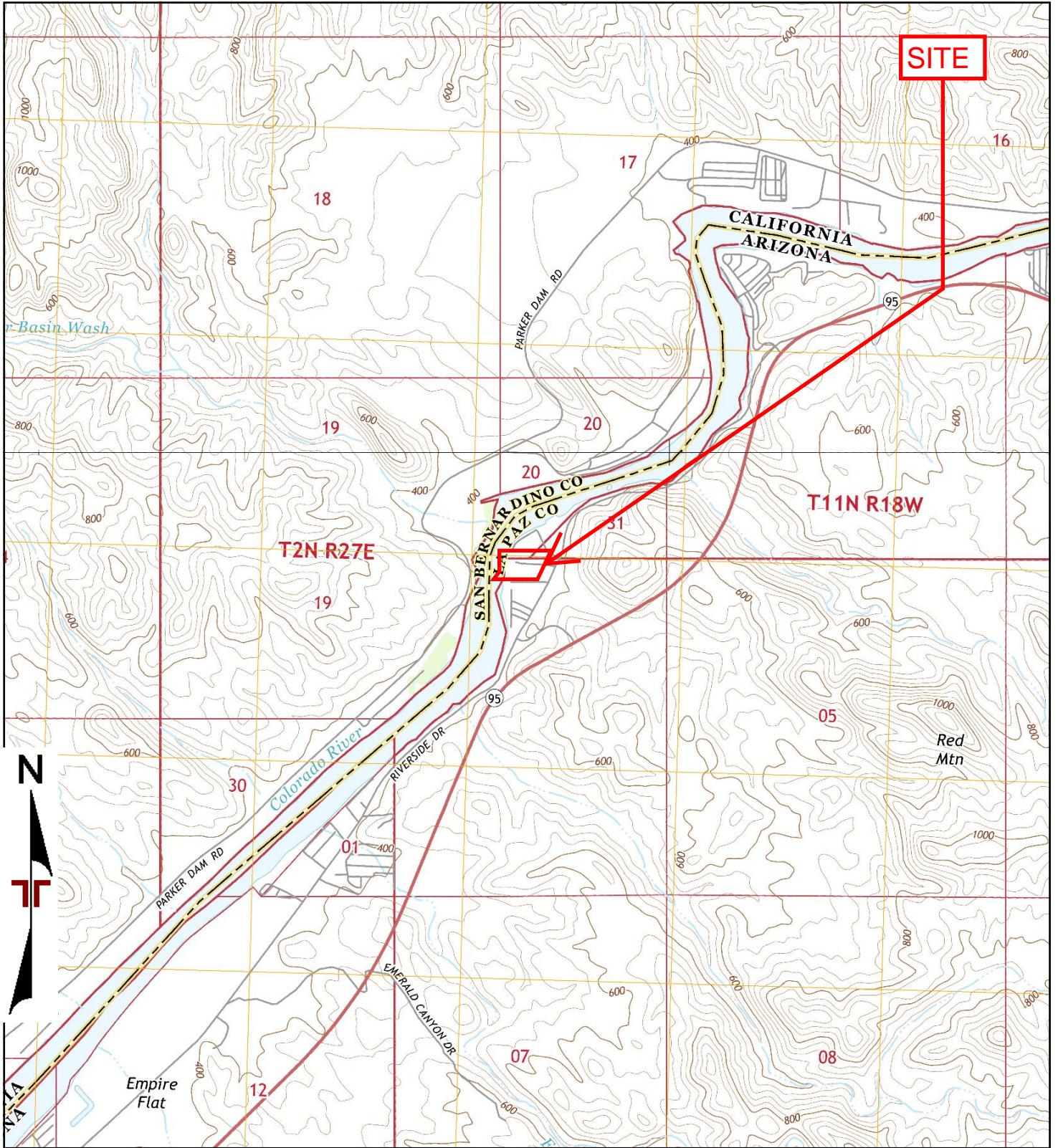
TP, Cross Roads, 2018, 7.5-minute
 N, Gene Wash, 2018, 7.5-minute



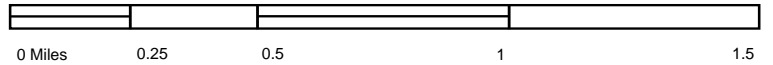
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date: 2018



2018 TOPOGRAPHIC MAP	



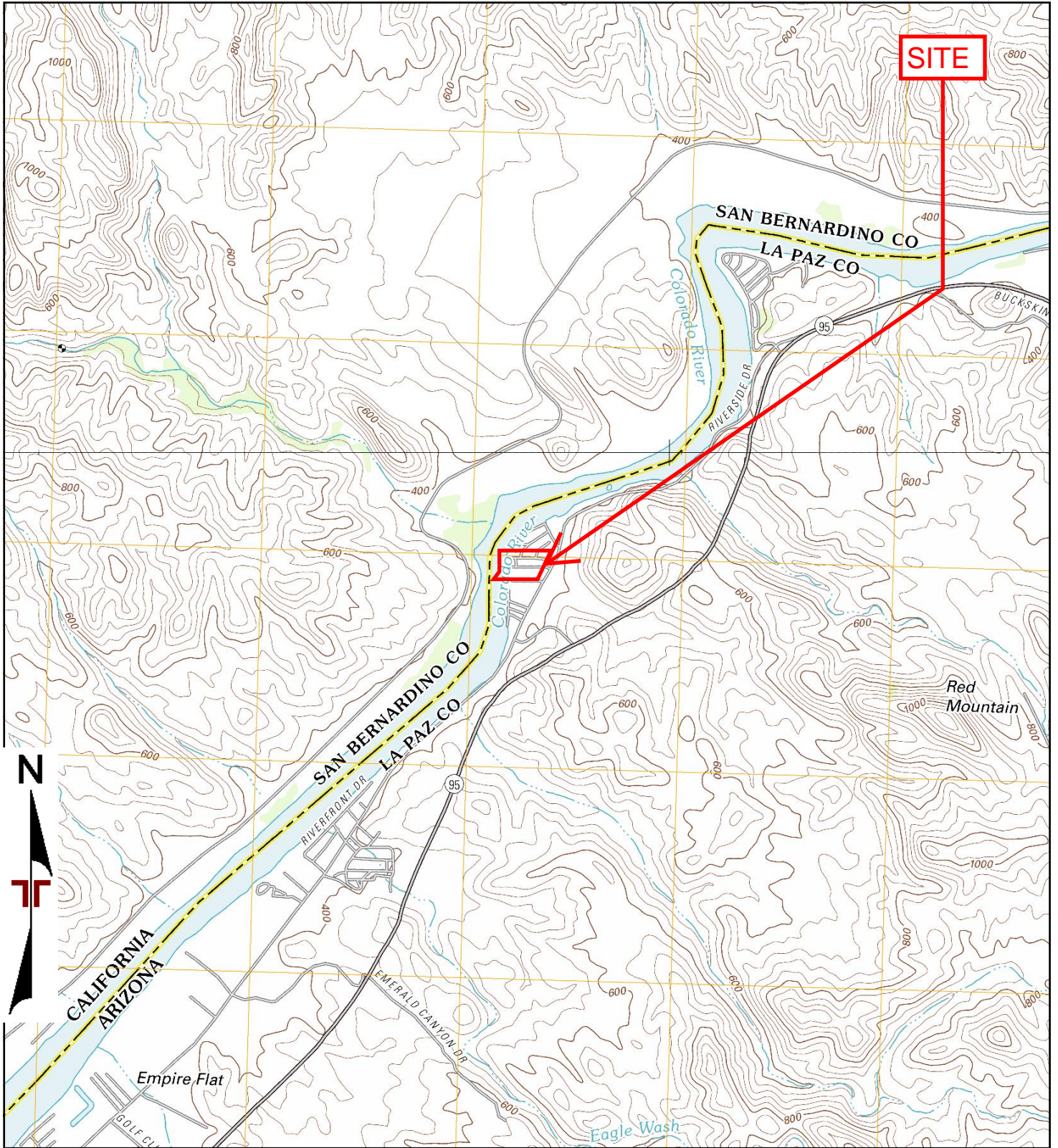
TP, Cross Roads, 2015, 7.5-minute
 N, Gene Wash, 2015, 7.5-minute



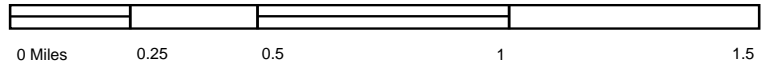
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date: 2015



2015 TOPOGRAPHIC MAP	



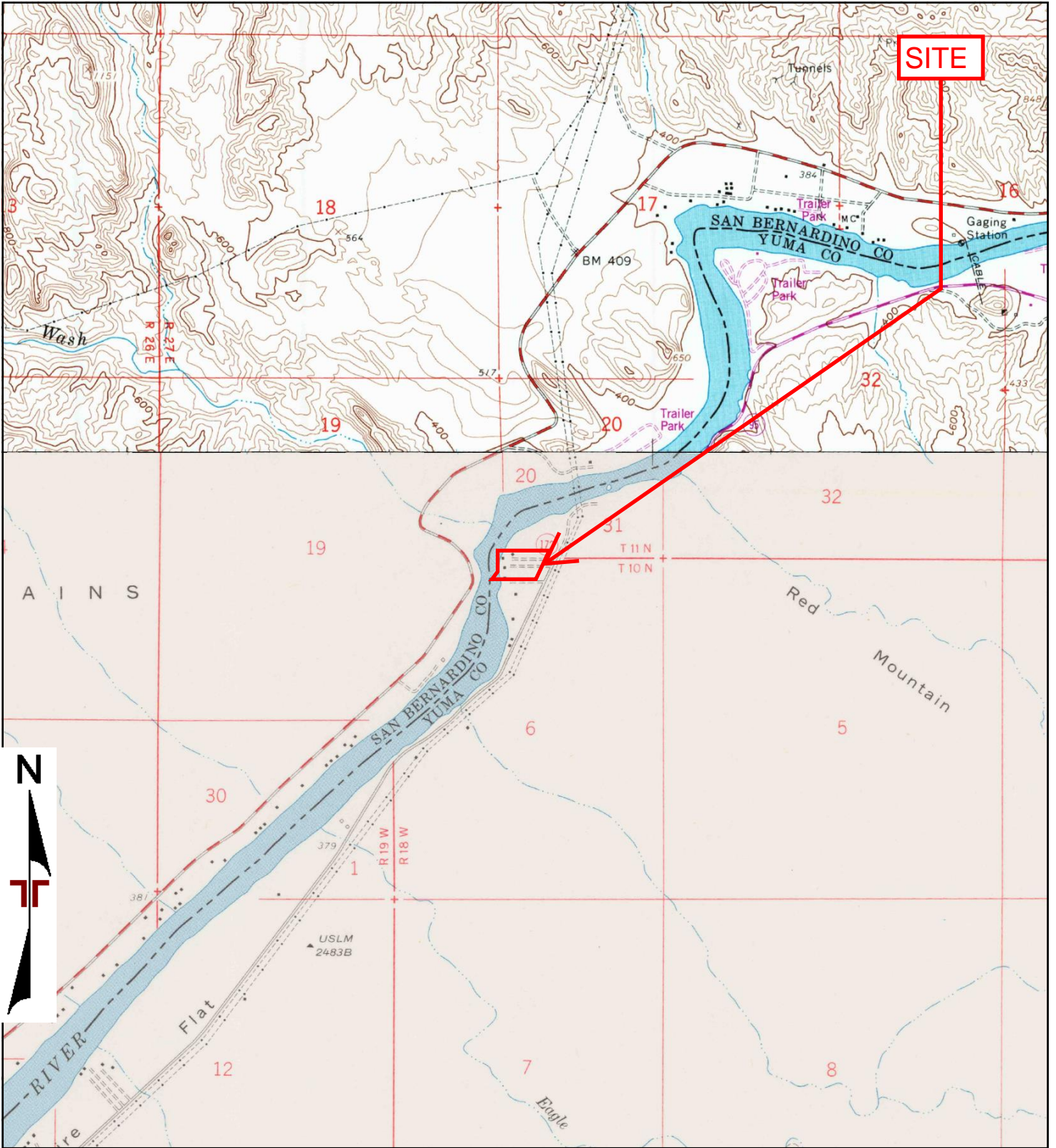
TP, Cross Roads, 2012, 7.5-minute
 N, Gene Wash, 2012, 7.5-minute



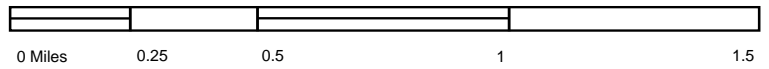
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date: 2012



2012 TOPOGRAPHIC MAP	



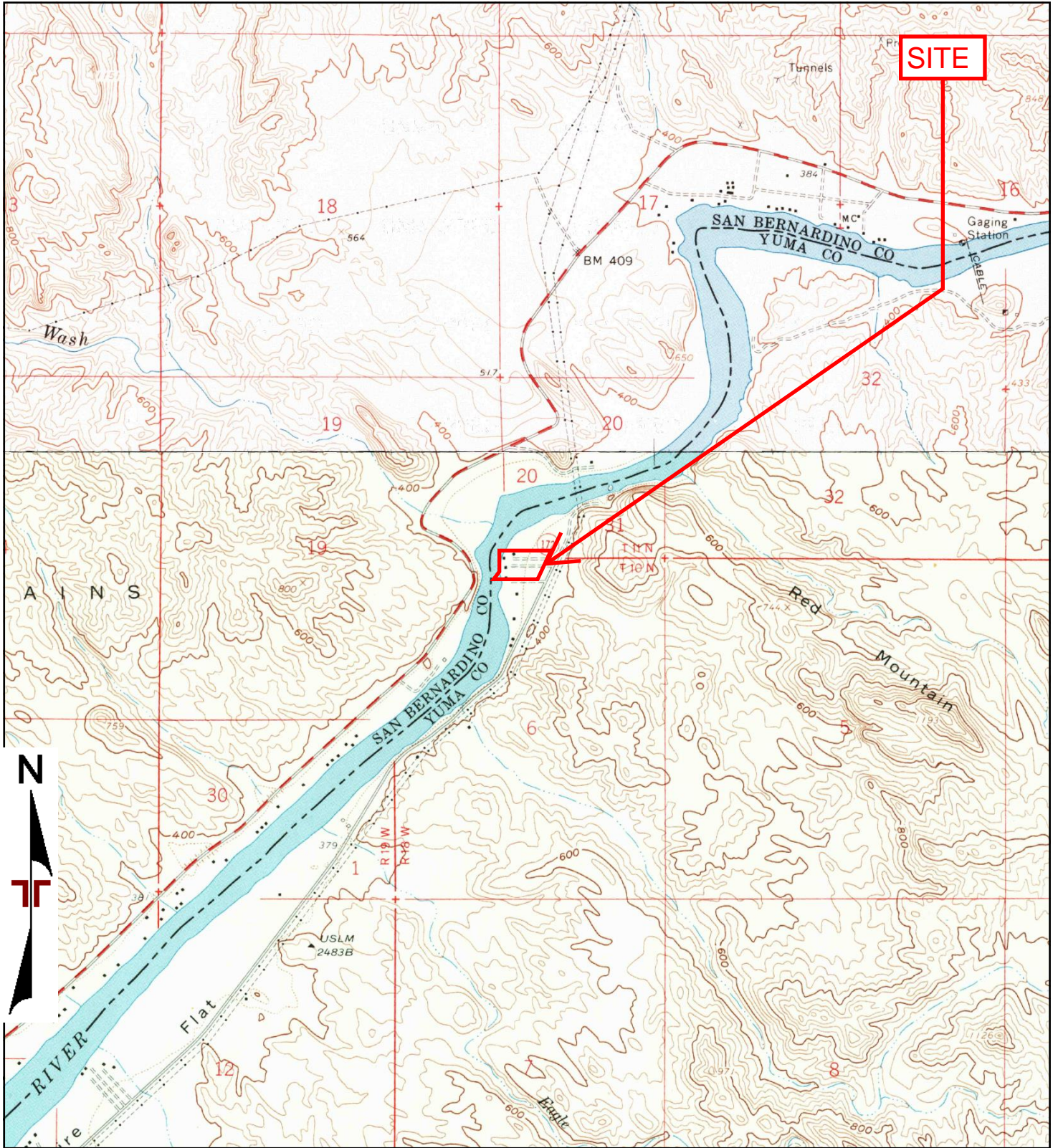
TP, Cross Roads, 1977, 7.5-minute
 N, Gene Wash, 1975, 7.5-minute



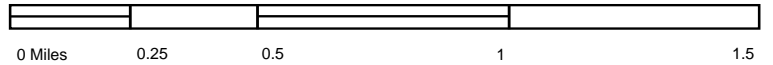
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date: 1975, 1977



1975, 1977 TOPOGRAPHIC MAP	



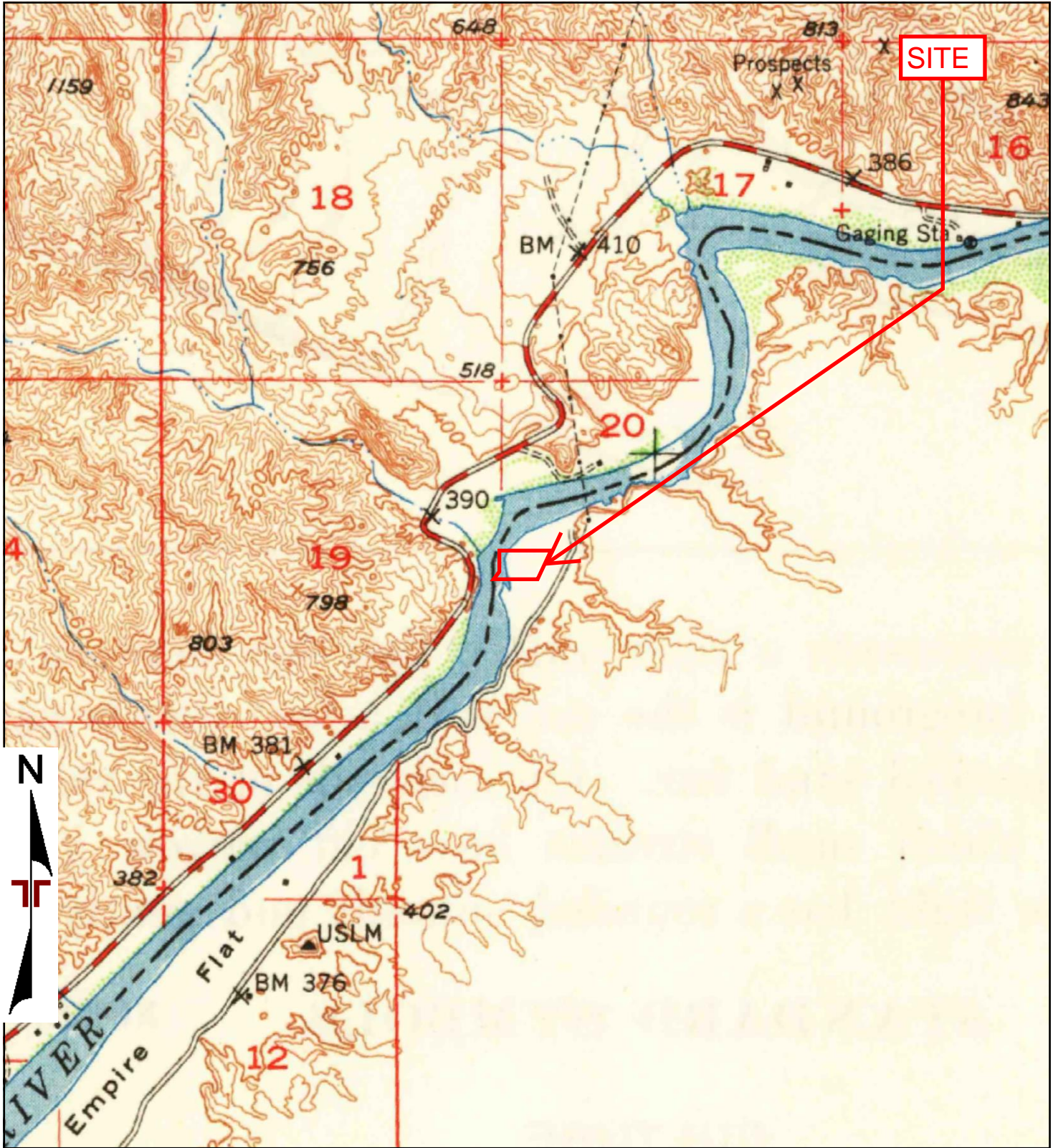
TP, Cross Roads, 1959, 7.5-minute
 N, Gene Wash, 1959, 7.5-minute



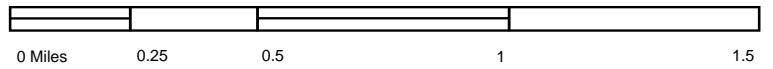
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date: 1959



1959 TOPOGRAPHIC MAP	



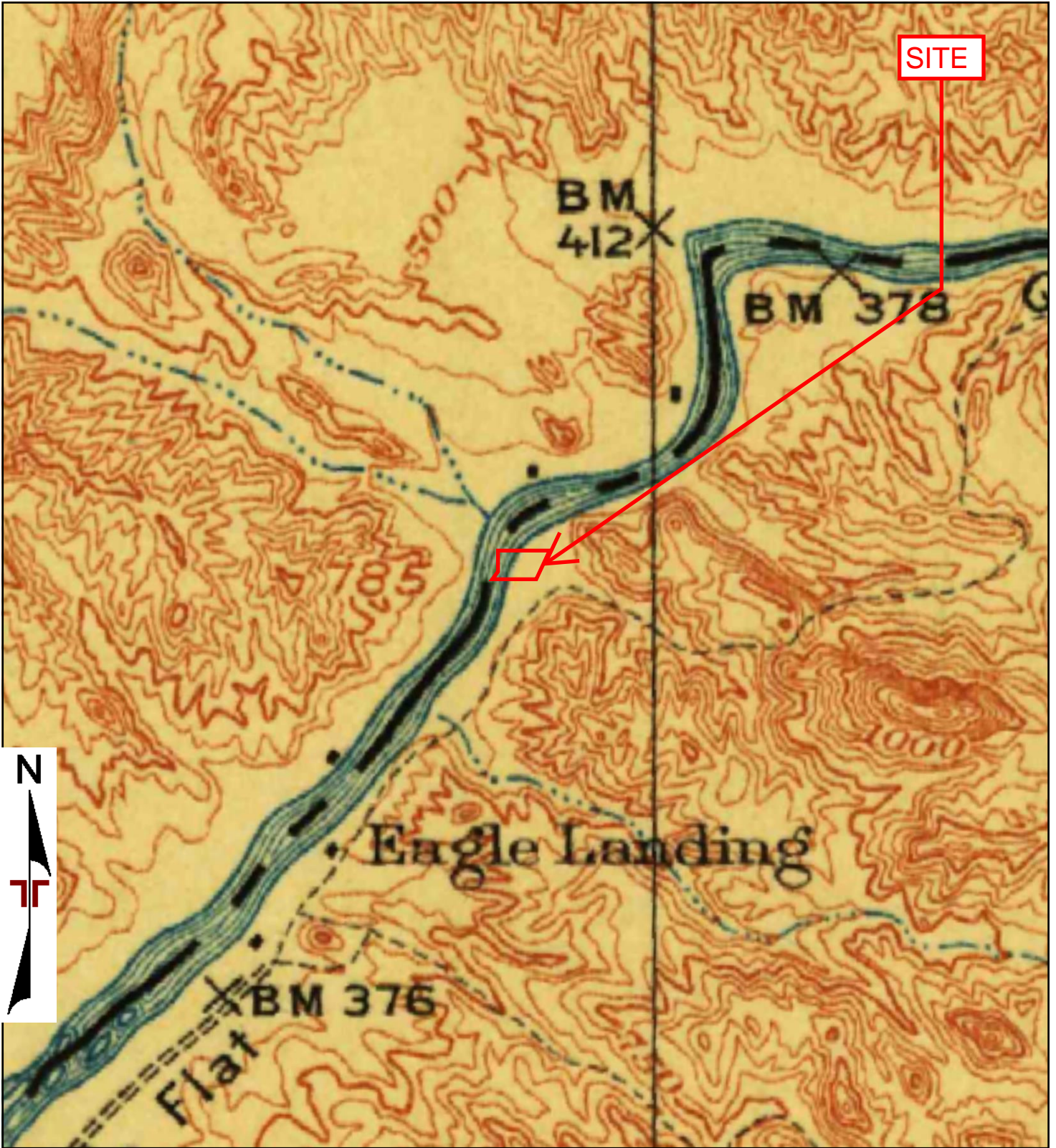
TP, Parker Dam Area, 1950, 15-minute



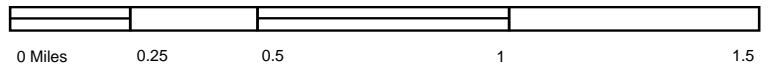
Project Manager:	Project No.
Drawn by:	Scale:
Checked by:	File Name:
Approved by:	Date: 1950



1950 TOPOGRAPHIC MAP	



TP, Parker, 1911, 30-minute



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



1911 TOPOGRAPHIC MAP	

From: Amy Putnam, Town Clerk <clerk@townofparkeraz.us>
Sent: Tuesday, January 16, 2024 7:57 AM
To: Leal, Martha
Subject: Re: Public Records Request Form

Good Morning Martha,

I left a voicemail for you. Unfortunately, I won't be able to fulfill this records request because this address is not in our jurisdiction. You will need to contact La Paz County.

<https://www.co.la-paz.az.us/346/Community-Development---GIS>

Amy Putnam

Town Clerk

Town of Parker

1314 11th Street

Parker, AZ 85344

Phone 928-669-9265 ext 1003

Fax 928-669-5247



On Mon, Jan 15, 2024 at 8:30 AM Leal, Martha <Martha.Leal@terracon.com> wrote:

Martha Leal



Field Scientist
4685 South Ash Avenue, Suite H4 | Tempe, AZ 85282
D (586) 747-1411 O (602) 239-4862
martha.leal@terracon.com | Terracon.com

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

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

La Paz County
Department of Community Development
Building & Safety Division
1112 Joshua Avenue, Suite 202
Parker, Arizona 85344 (928) 669-6138

PERMIT

APN: 310-15-006
Zoning District: C2
Septic Permit: Park
System

Flood Zone:

Permit #: BD18-0009
Panel:
Fee \$: 2401.28

OWNER INFORMATION

Name: Fox's Bar/RV
Mailing Address: 6350 Riverside Dr.
City,State,Zip: Parker Az 85344
Phone #: 7022108388
Lot #: 0 Subdivision:

PERMIT TYPE

Commercial Building

REMARKS

Deck/Dock 728

BUILDING PERMIT

Contractor: Vitos
Address: 6350 Riverside Dr.
City,State,Zip: Parker Az 85344
License #: 229267
Phone #: 0
Construction Type: V B
Total Sq. Ft.: 1680
Dwelling Sq. Ft.: 1680
Garage Sq. Ft.:
Valuation: 150000.00

MANUFACTURED HOME PLACEMENT

MH Serial #:
Model:
Year: 0
Size:
Value:

Permit Approved By: Tonya Hoogerwerf

Date:

By accepting this permit, the holder certifies that he/she is the owner or the owner's duly authorized agent, and that he/she has read this permit and related application form and that all information is correct. The holder of this permit further certifies that he/she has read, understands, and will comply with all of the provisions outlined hereon. He/she also certifies that the plot plan submitted is complete and accurate plan showing any and all existing and proposed structures on the subject property.

The issuance of this permit shall not be construed to release the owner or owner's agents from the obligation to comply with the provisions of all laws and ordinances, including federal, state and local jurisdictions, as well as, any deed restrictions or conditions, covenants and restriction (CC&R's) as may be applied to the property by private agreement, which regulate construction materials and standards, performance of construction, building and safety standards, environmental compliance. This permit becomes null and void if issued in reliance on inaccurate, false or incomplete information provided or if the construction work authorized is not begun within 180 days from date of issue or if any time prior to final inspection and approval, the work is suspended or abandoned for a period of 180 days.

No permit fees either in whole or part shall be refunded once permit has been issued.

Date of App.: 01/09/2018

Applicant: Fox's Bar/RV

Final Date: 02/01/18

La Paz County
Department of Community Development
Building & Safety Division
1112 Joshua Avenue, Suite 202
Parker, Arizona 85344 (928) 669-6138

PERMIT

APN: 310-15-006
Zoning District: C2
Septic Permit: Park
System

Flood Zone:

Permit #: BD18-0009
Panel:
Fee \$: 2401.28

OWNER INFORMATION

Name: Fox's Bar/RV
Mailing Address: 6350 Riverside Dr.
City,State,Zip: Parker Az 85344
Phone #: 7022108388
Lot #: 0 Subdivision:

PERMIT TYPE

Commercial Building

REMARKS

New bar

BUILDING PERMIT

Contractor: Vitos
Address: 6350 Riverside Dr.
City,State,Zip: Parker Az 85344
License #: 229267
Phone #: 0
Construction Type: V B
Total Sq. Ft.:
Dwelling Sq. Ft.:
Garage Sq. Ft.:
Valuation: 150000.00

MANUFACTURED HOME PLACEMENT

MH Serial #:
Model:
Year: 0
Size:
Value:

Permit Approved By: Tonya Hoogerwerf

Date:

By accepting this permit, the holder certifies that he/she is the owner or the owner's duly authorized agent, and that he/she has read this permit and related application form and that all information is correct. The holder of this permit further certifies that he/she has read, understands, and will comply with all of the provisions outlined hereon. He/she also certifies that the plot plan submitted is complete and accurate plan showing any and all existing and proposed structures on the subject property.

The issuance of this permit shall not be construed to release the owner or owner's agents from the obligation to comply with the provisions of all laws and ordinances, including federal, state and local jurisdictions, as well as, any deed restrictions or conditions, covenants and restriction (CC&R's) as may be applied to the property by private agreement, which regulate construction materials and standards, performance of construction, building and safety standards, environmental compliance. This permit becomes null and void if issued in reliance on inaccurate, false or incomplete information provided or if the construction work authorized is not begun within 180 days from date of issue or if any time prior to final inspection and approval, the work is suspended or abandoned for a period of 180 days.

No permit fees either in whole or part shall be refunded once permit has been issued.

Date of App.: 01/09/2018

Applicant: Fox's Bar/RV
Final Date: 02/01/18

La Paz County
Department of Community Development
 Building & Safety Division
 1112 Joshua Avenue, Suite 202
 Parker, Arizona 85344 (928) 669-6138

PERMIT

APN: 310-15-006 BLM

Zoning District: C2

Septic Permit: Park
System

Flood Zone: AE

Permit #: BD18-0064

Panel: 0206C

Fee \$: 2182.32

OWNER INFORMATION

Name: Fox's RV Resort Bar
Mailing Address: 6350 Riverside Dr.
City,State,Zip: Parker Az 85344
Phone #: 7022108388
Lot #: 0 Subdivision:

PERMIT TYPE

Commercial Building

REMARKS

1000 sq ft bar on the land and a 400 sq ft patio

BUILDING PERMIT

Contractor: CMS Development
Address: 6350 Riverside Dr.
City,State,Zip: Parker Az 85344
License #: 320078
Phone #: 9288460359
Construction Type: V B
Total Sq. Ft.: 1400
Dwelling Sq. Ft.:
Garage Sq. Ft.:
Valuation: 76000.00

MANUFACTURED HOME PLACEMENT

MH Serial #:
Model:
Year: 0
Size:
Value:

Permit Approved By: Tonya Hoogerwerf

Date:

By accepting this permit, the holder certifies that he/she is the owner or the owner's duly authorized agent, and that he/she has read this permit and related application form and that all information is correct. The holder of this permit further certifies that he/she has read, understands, and will comply with all of the provisions outlined hereon. He/she also certifies that the plot plan submitted is complete and accurate plan showing any and all existing and proposed structures on the subject property.

The issuance of this permit shall not be construed to release the owner or owner's agents from the obligation to comply with the provisions of all laws and ordinances, including federal, state and local jurisdictions, as well as, any deed restrictions or conditions, covenants and restriction (CC&R's) as may be applied to the property by private agreement, which regulate construction materials and standards, performance of construction, building and safety standards, environmental compliance. This permit becomes null and void if issued in reliance on inaccurate, false or incomplete information provided or if the construction work authorized is not begun within 180 days from date of issue or if any time prior to final inspection and approval, the work is suspended or abandoned for a period of 180 days.

No permit fees either in whole or part shall be refunded once permit has been issued.

Date of App.: 03/06/2018

Applicant: Fox's RV Resort Bar

Final Date: 11/28/18

From: noreply@salesforce.com on behalf of Jacob Avila <javila@dffm.az.gov>
Sent: Monday, January 29, 2024 2:01 PM
To: Leal, Martha
Subject: Public Records Request Documents

Hello Martha Leal,

Your PRR number: PRR-000354.

The Office of the State Fire Marshal has no documents in regards to this public records request. This email serves as completion of your request. Should you need additional information, please don't hesitate to reach out.

Thank you,

Department of Forestry and Fire Management
1110 W. Washington Street
Suite 500
Phoenix, AZ 85007
602.771.1400



MEGASEARCH

Records Center Database

Drywell

UST/LUST

Waste Programs

Hazardous Waste (Accounts)

Hazardous Waste (Manifests)

Special Waste (Manifests)

Water Quality App/Permit/Stormwater

Waste Water Facilities

Water Quality Monitoring

Revenue Management System

State Assurance Fund

Solid Waste

Solid Waste Facilities/Programs

Surface Water

Air Permit Compliance

Vehicle Emissions Inspection

Superfund Remediation

Voluntary Remediation

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.

- 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 Facilities 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.

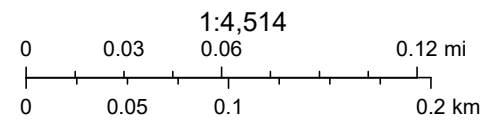
Submit Records Request

ADEQ eMaps



1/15/2024, 8:33:18 AM

 Counties



Maxar

APPENDIX D
ENVIRONMENTAL DATABASE INFORMATION

6350 Riverside Drive

6350 Riverside Drive

Parker, AZ 85344

Inquiry Number: 7541178.2s

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

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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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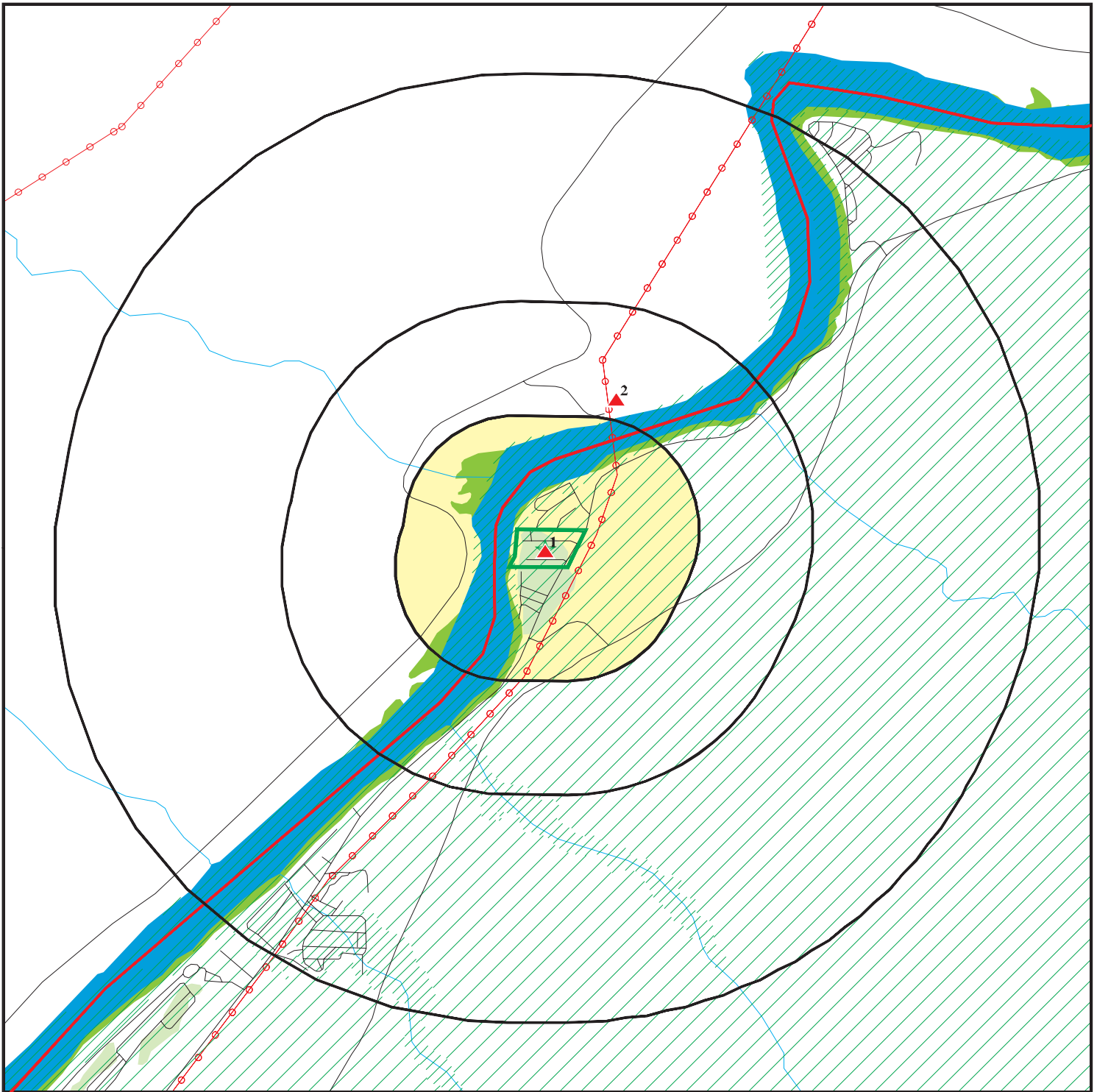
MAPPED SITES SUMMARY

Target Property Address:
6350 RIVERSIDE DRIVE
PARKER, AZ 85344

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	FOX'S PIER POINT LAN	6350 RIVERSIDE DR	AZ EMAP		TP
2	ECHO LODGE MARKET	6 MILES SOUTH OF PAR	CA LUST	Higher	1556, 0.295, NNE

OVERVIEW MAP - 7541178.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

DOD Sites: AZ DEQ

Water Quality Assurance Revolving Fund Areas

AZ NPL

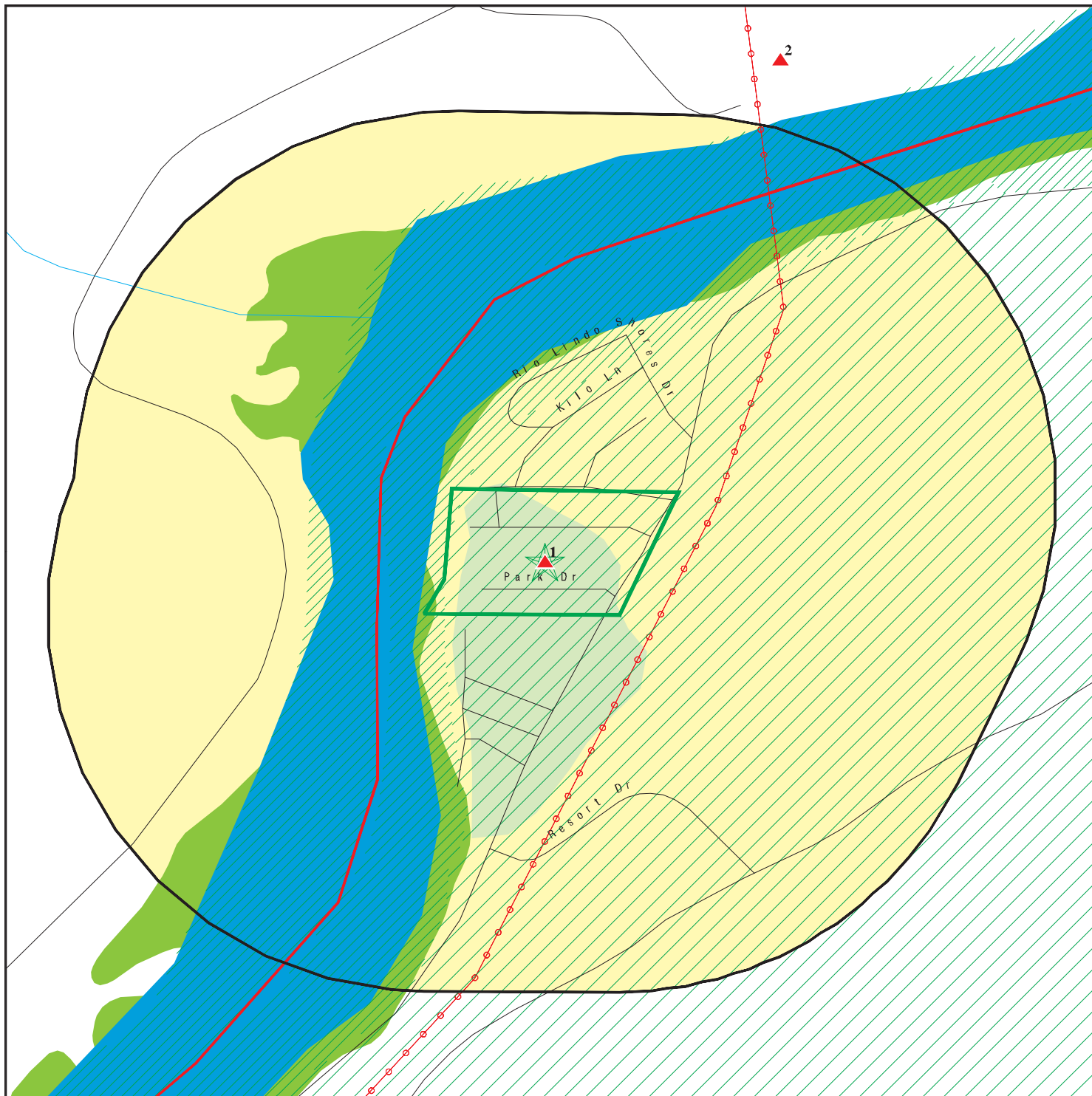


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 6350 Riverside Drive
 ADDRESS: 6350 Riverside Drive
 Parker AZ 85344
 LAT/LONG: 34.244792 / 114.174011

CLIENT: Terracon
 CONTACT: Martha Leal
 INQUIRY #: 7541178.2s
 DATE: January 16, 2024 10:16 am

DETAIL MAP - 7541178.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

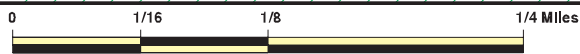
National Wetland Inventory

State Wetlands

DOD Sites: AZ DEQ

Water Quality Assurance Revolving Fund Areas

AZ NPL



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SITE NAME: 6350 Riverside Drive
 ADDRESS: 6350 Riverside Drive
 Parker AZ 85344
 LAT/LONG: 34.244792 / 114.174011

CLIENT: Terracon
 CONTACT: Martha Leal
 INQUIRY #: 7541178.2S
 DATE: January 16, 2024 10:18 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	TP		NR	NR	NR	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal (Superfund) equivalent sites</i>								
AZ NPL	1.000		0	0	0	0	NR	0
AZ WQARF	1.000		0	0	0	0	NR	0
CA RESPONSE	1.000		0	0	0	0	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
AZ SPL	1.000		0	0	0	0	NR	0
AZ SHWS	1.000		0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
AZ SWF/LF	0.500		0	0	0	NR	NR	0
CA SWF/LF	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
AZ LUST	0.500		0	0	0	NR	NR	0
CA LUST	0.500		0	0	1	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
AZ UST	0.100		0	NR	NR	NR	NR	0
CA UST	0.100		0	NR	NR	NR	NR	0
AZ AST	0.100		0	NR	NR	NR	NR	0
CA AST	0.100		0	NR	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
AZ AZURITE	0.500		0	0	0	NR	NR	0
AZ AUL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
AZ VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
CA VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
AZ BROWNFIELDS	0.500		0	0	0	NR	NR	0
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
AZ SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AZ CDL	TP		NR	NR	NR	NR	NR	0
CA CDL	TP		NR	NR	NR	NR	NR	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 Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
AZ SPILLS	TP		NR	NR	NR	NR	NR	0
CA CHMIRS	TP		NR	NR	NR	NR	NR	0
AZ SPILLS 90	TP		NR	NR	NR	NR	NR	0
CA SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
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	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
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	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
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		0	0	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
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 TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		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
AZ AIRS	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
CA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
AZ EMAP	TP	1	NR	NR	NR	NR	NR	1
CA EMI	TP		NR	NR	NR	NR	NR	0
AZ Enforcement	TP		NR	NR	NR	NR	NR	0
CA ENF	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
CA NPDES	TP		NR	NR	NR	NR	NR	0
AZ VAPOR	0.500		0	0	0	NR	NR	0
AZ UIC	TP		NR	NR	NR	NR	NR	0
CA UIC	TP		NR	NR	NR	NR	NR	0
AZ WWFAC	0.500		0	0	0	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. 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
- Totals --		1	0	0	1	0	0	2

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

1 **FOX'S PIER POINT LANDING RESORT**
Target **6350 RIVERSIDE DR**
Property **PARKER, AZ 85344**

AZ EMAP **S117596740**
N/A

Actual:
383 ft.

EMAP:
Name: FOX'S PIER POINT LANDING RESORT
Address: 6350 RIVERSIDE DR
City,State,Zip: PARKER, AZ 85344
ID Number: 1771
Township: 10N
Range: 18W
Section: 6
Latitude: 34.2449373
Longitude: -114.1733049
Collection Method: DIGITAL IMAGERY
Place Type: RESORT
Place Type Code: RSRT
Place C Code: PP
Facility Status: NOT ACTIVE
End Date: 05/29/2012
Verified: Y

2 **ECHO LODGE MARKET**
NNE **6 MILES SOUTH OF PARKER DAM**
1/4-1/2 **PARKER DAM, CA 92267**
0.295 mi.
1556 ft.

CA LUST **S106152898**
N/A

Relative:
Higher
Actual:
412 ft.

LUST:
Name: ECHO LODGE MARKET
Address: 6 MILES SOUTH OF PARKER DAM
City,State,Zip: PARKER DAM, CA 92267
Lead Agency: SAN BERNARDINO COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607100970
Global Id: T0607100970
Latitude: 34.2496145388783
Longitude: -114.171288611045
Status: Completed - Case Closed
Status Date: 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 Concern: 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%

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ECHO LODGE MARKET (Continued)

S106152898

Military DOD Site: No
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

LUST:

Global Id: T0607100970
Action Type: ENFORCEMENT
Date: 01/22/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0607100970
Action Type: ENFORCEMENT
Date: 07/24/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0607100970
Action Type: ENFORCEMENT
Date: 03/04/2004
Action: Technical Correspondence / Assistance / Other

Global Id: T0607100970
Action Type: ENFORCEMENT
Date: 04/24/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0607100970
Action Type: Other
Date: 08/11/1999
Action: Leak Discovery

Global Id: T0607100970
Action Type: RESPONSE
Date: 06/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0607100970
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0607100970
Action Type: REMEDIATION
Date: 12/21/1999
Action: Ex Situ Physical/Chemical Treatment (other than P&T, SVE, or Excavation)

Global Id: T0607100970
Action Type: ENFORCEMENT
Date: 10/22/2003
Action: Technical Correspondence / Assistance / Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ECHO LODGE MARKET (Continued)

S106152898

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

LUST:

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Environmental Quality	11/14/2020	03/22/2022	04/26/2022
AZ	AQUIFER	Aquifer 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
AZ	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	07/20/2022
AZ	RG A HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Environmental Quality		07/01/2013	01/02/2014
AZ	RG A LF	Recovered Government Archive Solid Waste Facilities List	Department of Environmental Quality		07/01/2013	01/15/2014
AZ	RG A 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 Brownfields 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	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 Transportation, 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 Drycleaner Facil	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 DIST	Eastern Kern Air Pollution Control District Dryclea	Eastern Kern Air Pollution Control District	01/12/2023	04/26/2023	07/14/2023
CA	DRYCLEAN FEATHER RIVER DIST	Feather 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 DIST	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 Facility	Lake County Air Quality Management District	04/29/2019	05/07/2019	05/01/2023
CA	DRYCLEAN MENDO CO DIST	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 DESERT DIST	Mojave 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 DIST	Monterey 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 UNIFIED DIST	North 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 DIST	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 DIST	Northern 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 DIST	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 DIST	Sacramento Metropolitan Air Quality Management District Drycl	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 DIST	San 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 CO DIST	Santa 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 DIST	Shasta County Air Quality Management District District Drycl	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 DIST	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 DIST	Drycleaner Facility Listing	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 Resources 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	09/05/2023	09/06/2023	11/27/2023
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	09/05/2023	09/06/2023	11/27/2023
US	MINES MRDS	Mineral Resources Data System	USGS	08/23/2022	11/22/2022	02/28/2023
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	01/02/2024	01/03/2024	01/04/2024
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	07/20/2023	09/01/2023	09/20/2023
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	09/05/2023	09/06/2023	11/27/2023
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	08/07/2023	08/08/2023	10/26/2023
US	NPL	National Priority List	EPA	09/19/2023	10/03/2023	10/19/2023
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	09/05/2023	09/06/2023	11/27/2023
US	PADS	PCB Activity Database System	EPA	03/20/2023	04/04/2023	06/09/2023
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	PCS	Permit Compliance System	EPA, Office of Water	07/14/2011	08/05/2011	09/29/2011
US	PCS ENF	Enforcement data	EPA	12/31/2014	02/05/2015	03/06/2015
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	09/05/2023	09/06/2023	11/27/2023
US	PFAS ATSDR	PFAS Contamination Site Location Listing	Department of Health & Human Services	06/24/2020	03/17/2021	11/08/2022
US	PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	09/23/2023	10/03/2023	12/21/2023
US	PFAS ECHO FIRE TRAINING	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	09/23/2023	10/03/2023	12/21/2023
US	PFAS FEDERAL SITES	Federal Sites PFAS Information	Environmental Protection Agency	09/23/2023	10/03/2023	12/21/2023
US	PFAS NPDES	Clean Water Act Discharge Monitoring Information	Environmental Protection Agency	09/23/2023	10/03/2023	01/04/2024
US	PFAS NPL	Superfund Sites with PFAS Detections Information	Environmental Protection Agency	09/23/2023	10/03/2023	12/21/2023
US	PFAS PART 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing	Environmental Protection Agency	09/23/2023	10/03/2023	12/21/2023
US	PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing	Environmental Protection Agency	12/28/2023	12/28/2023	01/04/2024
US	PFAS TRIS	List of PFAS Added to the TRI	Environmental Protection Agency	12/28/2023	12/28/2023	01/04/2024
US	PFAS TSCA	PFAS Manufacture and Imports Information	Environmental Protection Agency	12/28/2023	12/28/2023	01/04/2024
US	PFAS WQP	Ambient Environmental Sampling for PFAS	Environmental Protection Agency	09/23/2023	10/03/2023	10/10/2023
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	09/05/2023	09/06/2023	11/27/2023
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	09/05/2023	09/06/2023	11/27/2023
US	PRP	Potentially Responsible Parties	EPA	09/19/2023	10/03/2023	10/19/2023
US	Proposed NPL	Proposed National Priority List Sites	EPA	09/19/2023	10/03/2023	10/19/2023
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	12/04/2023	12/06/2023	12/12/2023
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	12/04/2023	12/06/2023	12/12/2023
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	12/04/2023	12/06/2023	12/12/2023
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	12/04/2023	12/06/2023	12/12/2023
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	12/04/2023	12/06/2023	12/12/2023
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	10/23/2023	10/24/2023	01/11/2024
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013
US	RMP	Risk Management Plans	Environmental Protection Agency	09/01/2023	09/27/2023	12/21/2023
US	ROD	Records Of Decision	EPA	09/19/2023	10/03/2023	10/19/2023
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	09/05/2023	09/06/2023	11/27/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
CT	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	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2020	11/30/2021	02/18/2022
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	05/31/2018	06/19/2019	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			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

<u>St</u>	<u>Acronym</u>	<u>Full Name</u>	<u>Government Agency</u>	<u>Gov Date</u>	<u>Arvl. Date</u>	<u>Active Date</u>
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 Data		Endeavor Business Media			

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

6350 RIVERSIDE DRIVE
6350 RIVERSIDE DRIVE
PARKER, AZ 85344

TARGET PROPERTY COORDINATES

Latitude (North):	34.244792 - 34° 14' 41.25"
Longitude (West):	114.174011 - 114° 10' 26.44"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	760267.9
UTM Y (Meters):	3792717.0
Elevation:	383 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:

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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).

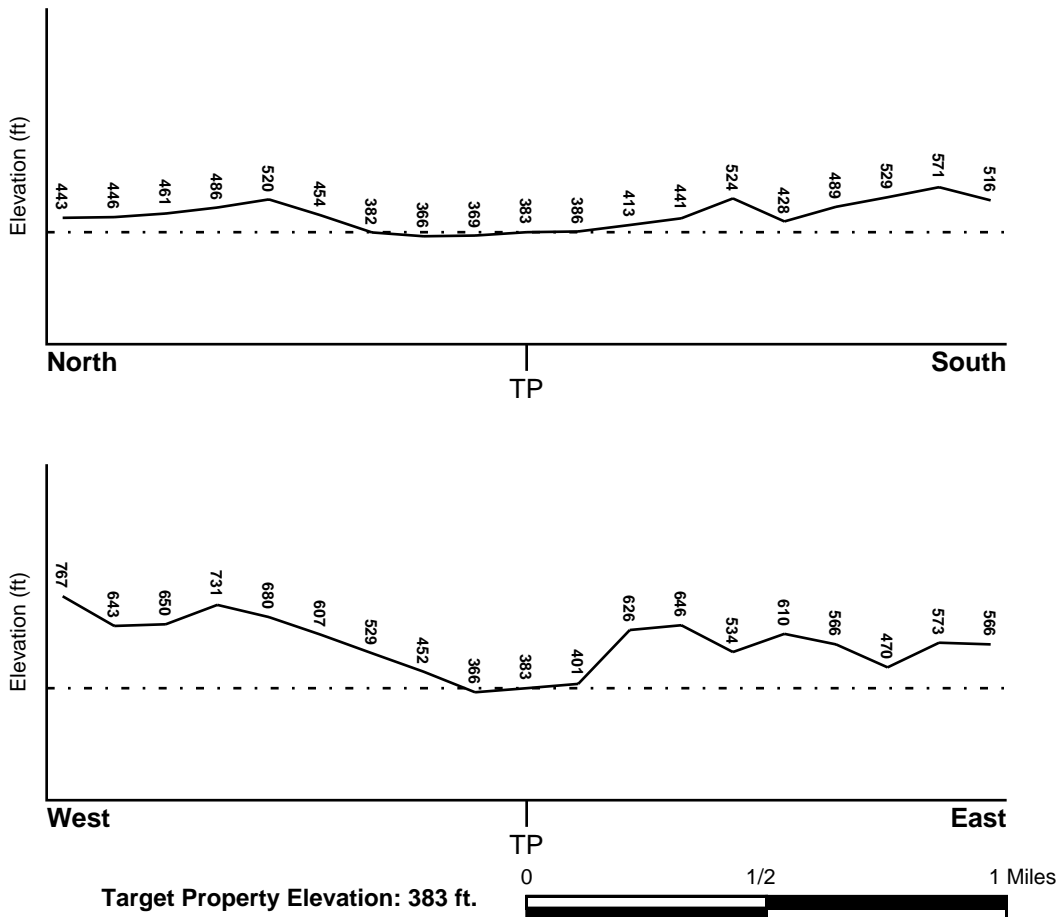
TOPOGRAPHIC INFORMATION

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 WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06071C8575H	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06071C7850H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

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

GEOLOGIC AGE IDENTIFICATION

Category: Metamorphic Rocks

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: 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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	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 Soils.	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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS40000059393	0 - 1/8 Mile South
A2	USGS40000059394	0 - 1/8 Mile South
A3	USGS40000059390	0 - 1/8 Mile South
B5	USGS40000059419	1/8 - 1/4 Mile NNE
B6	USGS40000059421	1/8 - 1/4 Mile NNE
15	USGS40000128716	1/4 - 1/2 Mile NE
F18	USGS40000059352	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

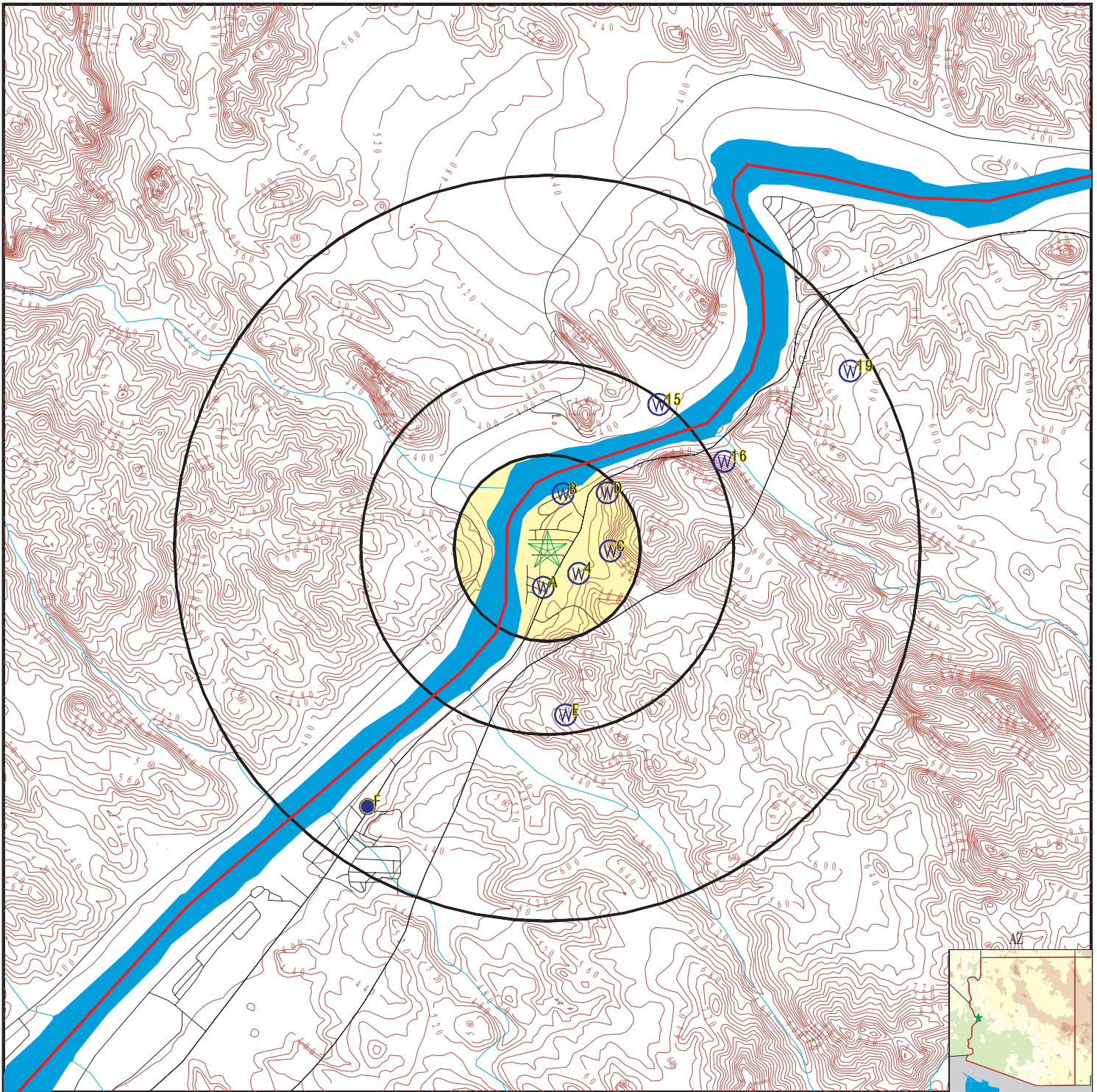
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
4	AZDWR1200207576	0 - 1/8 Mile SE
C7	AZDWR1200172366	1/8 - 1/4 Mile East
C8	AZDWR1200172367	1/8 - 1/4 Mile East
C9	AZDWR1200172365	1/8 - 1/4 Mile East
C10	AZDWR1200089925	1/8 - 1/4 Mile East
D11	AZDWR1200156025	1/8 - 1/4 Mile NE
D12	AZDWR1200173155	1/8 - 1/4 Mile NE
E13	AZDWR1200179154	1/4 - 1/2 Mile South
E14	AZDWR1200179155	1/4 - 1/2 Mile South
16	AZDWR1200047729	1/2 - 1 Mile ENE
F17	AZDWR1200193391	1/2 - 1 Mile SW
19	AZDWR1200202700	1/2 - 1 Mile ENE

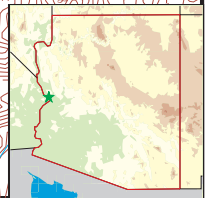
PHYSICAL SETTING SOURCE MAP - 7541178.2s



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



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



SITE NAME: 6350 Riverside Drive
 ADDRESS: 6350 Riverside Drive
 Parker AZ 85344
 LAT/LONG: 34.244792 / 114.174011

CLIENT: Terracon
 CONTACT: Martha Leal
 INQUIRY #: 7541178.2s
 DATE: January 16, 2024 10:18 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
South
0 - 1/8 Mile
Lower

FED USGS USGS40000059393

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	B-10-18 06ABC1	Type:	Well
Description:	Not Reported	HUC:	15030104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Unconfined single aquifer	Construction Date:	1961
Well Depth:	32	Well Depth Units:	ft
Well Hole Depth:	32	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1995-05-25
Feet below surface:	13.80	Feet to sea level:	Not Reported
Note:	The water level was affected by stage in nearby surface-water site.		

A2
South
0 - 1/8 Mile
Higher

FED USGS USGS40000059394

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	B-10-18 06ABC3	Type:	Well
Description:	Not Reported	HUC:	15030104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Holocene Alluvium
Aquifer Type:	Not Reported	Construction Date:	19950522
Well Depth:	68	Well Depth Units:	ft
Well Hole Depth:	78	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1995-05-23
Feet below surface:	14	Feet to sea level:	Not Reported
Note:	Not Reported		

A3
South
0 - 1/8 Mile
Higher

FED USGS USGS40000059390

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	B-10-18 06ABC2	Type:	Well
Description:	Not Reported	HUC:	15030104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Holocene Alluvium
Aquifer Type:	Unconfined single aquifer	Construction Date:	196204
Well Depth:	35	Well Depth Units:	ft
Well Hole Depth:	35	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1995-05-25
Feet below surface:	13.47	Feet to sea level:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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

4
SE
0 - 1/8 Mile
Higher

AZ WELLS AZDWR1200207576

Program:	55	Registry ID:	901358
Owner Name:	BUELER JAMES LLP	Well Type:	SPCL - GEOTECHNICAL
Well Type Group:	OTHER	Water Use:	TEST
Basin Name:	PARKER	Driller License #:	78
Application:	01-DEC-04	Approved:	01-DEC-04
Installed Date:	Not Reported	Well Depth (ft):	0
Casing Type:	Not Reported	Water Level (ft):	0
AMA or INA:	OUTSIDE OF AMA OR INA	Casing Depth (ft):	0
Casing Diameter (in):	0	RGR Pump Data:	NO
Pump Type:	Not Reported	Pump Power:	Not Reported
Pump Rate:	0	Tested Rate:	0
Draw Down:	0	Completion:	Not Reported
Well Cancelled:	Not Reported	Driller Log:	X
Watershed:	COLORADO RIVER		

B5
NNE
1/8 - 1/4 Mile
Lower

FED USGS USGS40000059419

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	B-11-18 31DCD1	Type:	Well
Description:	6271 ENDURO AVENUE	HUC:	15030104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19790209
Well Depth:	132	Well Depth Units:	ft
Well Hole Depth:	132	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	2	Level reading date:	1997-06-11
Feet below surface:	6.92	Feet to sea level:	Not Reported
Note:	The water level was affected by stage in nearby surface-water site.		

Level reading date:	1979-02-17	Feet below surface:	10
Feet to sea level:	Not Reported	Note:	Not Reported

B6
NNE
1/8 - 1/4 Mile
Lower

FED USGS USGS40000059421

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	B-11-18 31DCD2	Type:	Well
Description:	Not Reported	HUC:	15030104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Hole Depth: 70 Well Hole Depth Units: ft

**C7
East
1/8 - 1/4 Mile
Higher**

AZ WELLS AZDWR1200172366

Program:	55	Registry ID:	628659
Owner Name:	ARIZONA STATE LAND DEPARTMENT	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	RECREATION, DOMESTIC, IRRIGATION
Basin Name:	PARKER	Driller License #:	0
Application:	11-JUN-82	Approved:	Not Reported
Installed Date:	01-JAN-61	Well Depth (ft):	32
Casing Type:	NO CASING CODE LISTED	Water Level (ft):	0
AMA or INA:	OUTSIDE OF AMA OR INA	Casing Depth (ft):	32
Casing Diameter (in):	2	RGR Pump Data:	NO
Pump Type:	NO PUMP CODE LISTED	Pump Power:	NO POWER CODE LISTED
Pump Rate:	43	Tested Rate:	43
Draw Down:	0	Completion:	Not Reported
Well Cancelled:	Not Reported	Driller Log:	Not Reported
Watershed:	COLORADO RIVER		

**C8
East
1/8 - 1/4 Mile
Higher**

AZ WELLS AZDWR1200172367

Program:	55	Registry ID:	628660
Owner Name:	ARIZONA STATE LAND DEPARTMENT	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	RECREATION, DOMESTIC, IRRIGATION
Basin Name:	PARKER	Driller License #:	0
Application:	11-JUN-82	Approved:	Not Reported
Installed Date:	01-APR-62	Well Depth (ft):	35
Casing Type:	NO CASING CODE LISTED	Water Level (ft):	0
AMA or INA:	OUTSIDE OF AMA OR INA	Casing Depth (ft):	35
Casing Diameter (in):	2	RGR Pump Data:	NO
Pump Type:	NO PUMP CODE LISTED	Pump Power:	NO POWER CODE LISTED
Pump Rate:	43	Tested Rate:	43
Draw Down:	0	Completion:	Not Reported
Well Cancelled:	Not Reported	Driller Log:	Not Reported
Watershed:	COLORADO RIVER		

**C9
East
1/8 - 1/4 Mile
Higher**

AZ WELLS AZDWR1200172365

Program:	55	Registry ID:	628658
Owner Name:	ARIZONA STATE LAND DEPARTMENT	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	RECREATION, DOMESTIC, IRRIGATION
Basin Name:	PARKER	Driller License #:	0
Application:	11-JUN-82	Approved:	Not Reported
Installed Date:	30-JUN-57	Well Depth (ft):	35
Casing Type:	NO CASING CODE LISTED	Water Level (ft):	0
AMA or INA:	OUTSIDE OF AMA OR INA	Casing Depth (ft):	0
Casing Diameter (in):	35	RGR Pump Data:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump Type:	NO PUMP CODE LISTED	Pump Power:	NO POWER CODE LISTED
Pump Rate:	44	Tested Rate:	44
Draw Down:	0	Completion:	Not Reported
Well Cancelled:	Not Reported	Driller Log:	Not Reported
Watershed:	COLORADO RIVER		

C10
East
1/8 - 1/4 Mile
Higher

AZ WELLS AZDWR1200089925

Program:	55	Registry ID:	550020
Owner Name:	ARIZONA STATE LAND DEPARTMENT	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	DOMESTIC
Basin Name:	PARKER	Driller License #:	283
Application:	06-JUN-95	Approved:	Not Reported
Installed Date:	23-MAY-95	Well Depth (ft):	78
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	14	AMA or INA:	OUTSIDE OF AMA OR INA
Casing Depth (ft):	68	Casing Diameter (in):	7
RGR Pump Data:	NO	Pump Type:	SUBMERSIBLE
Pump Power:	ELECTRIC MOTOR 1 - 5 HP	Pump Rate:	30
Tested Rate:	30	Draw Down:	24
Completion:	X	Well Cancelled:	Not Reported
Driller Log:	X	Watershed:	COLORADO RIVER

D11
NE
1/8 - 1/4 Mile
Higher

AZ WELLS AZDWR1200156025

Program:	55	Registry ID:	625082
Owner Name:	GRAHAM WATER SERVICE,	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	DOMESTIC
Basin Name:	PARKER	Driller License #:	0
Application:	11-JUN-82	Approved:	Not Reported
Installed Date:	01-JAN-79	Well Depth (ft):	125
Casing Type:	STEEL - PERFORATED OR SLOTTED 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 Reported
Driller Log:	Not Reported	Watershed:	COLORADO RIVER

D12
NE
1/8 - 1/4 Mile
Higher

AZ WELLS AZDWR1200173155

Program:	55	Registry ID:	629442
Owner Name:	SHUBIN, J P	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	MUNICIPAL USES
Basin Name:	PARKER	Driller License #:	0
Application:	02-JUL-82	Approved:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Installed Date:	Not Reported	Well Depth (ft):	70
Casing Type:	NO CASING CODE LISTED	Water Level (ft):	0
AMA or INA:	OUTSIDE OF AMA OR INA	Casing Depth (ft):	0
Casing Diameter (in):	0	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 Reported	Driller Log:	Not Reported
Watershed:	COLORADO RIVER		

E13
South
1/4 - 1/2 Mile
Higher

AZ WELLS AZDWR1200179154

Program:	55	Registry ID:	647490
Owner Name:	FOX'S LANDING,	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	DOMESTIC
Basin Name:	PARKER	Driller License #:	0
Application:	14-JUN-82	Approved:	Not Reported
Installed Date:	01-JAN-78	Well Depth (ft):	20
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	7	AMA or INA:	OUTSIDE OF AMA OR INA
Casing Depth (ft):	20	Casing Diameter (in):	2
RGR Pump Data:	NO	Pump Type:	NO PUMP CODE LISTED
Pump Power:	NO POWER CODE LISTED	Pump Rate:	12
Tested Rate:	12	Draw Down:	0
Completion:	Not Reported	Well Cancelled:	Not Reported
Driller Log:	Not Reported	Watershed:	COLORADO RIVER

E14
South
1/4 - 1/2 Mile
Higher

AZ WELLS AZDWR1200179155

Program:	55	Registry ID:	647491
Owner Name:	FOX'S LANDING,	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	DOMESTIC
Basin Name:	PARKER	Driller License #:	0
Application:	14-JUN-82	Approved:	Not Reported
Installed Date:	01-JAN-78	Well Depth (ft):	20
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	7	AMA or INA:	OUTSIDE OF AMA OR INA
Casing Depth (ft):	20	Casing Diameter (in):	2
RGR Pump Data:	NO	Pump Type:	NO PUMP CODE LISTED
Pump Power:	NO POWER CODE LISTED	Pump Rate:	12
Tested Rate:	12	Draw Down:	0
Completion:	Not Reported	Well Cancelled:	Not Reported
Driller Log:	Not Reported	Watershed:	COLORADO RIVER

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

15
NE
1/4 - 1/2 Mile
Higher

FED USGS USGS40000128716

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	002N027E20C001S	Type:	Well
Description:	Not Reported	HUC:	15030104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

16
ENE
1/2 - 1 Mile
Higher

AZ WELLS AZDWR1200047729

Program:	55	Registry ID:	507174
Owner Name:	RIVER ISLAND MARKET,	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	INDUSTRIAL
Basin Name:	PARKER	Driller License #:	341
Application:	09-FEB-84	Approved:	Not Reported
Installed Date:	05-DEC-83	Well Depth (ft):	86
Casing Type:	PLASTIC OR PVC	Water Level (ft):	18
AMA or INA:	OUTSIDE OF AMA OR INA	Casing Depth (ft):	86
Casing Diameter (in):	5	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:	C
Well Cancelled:	Not Reported	Driller Log:	X
Watershed:	COLORADO RIVER		

F17
SW
1/2 - 1 Mile
Lower

AZ WELLS AZDWR1200193391

Program:	55	Registry ID:	801288
Owner Name:	BENNETT, GERALD,	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	DOMESTIC
Basin Name:	PARKER	Driller License #:	0
Application:	09-FEB-84	Approved:	Not Reported
Installed Date:	31-DEC-71	Well Depth (ft):	25
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	10	AMA or INA:	OUTSIDE OF AMA OR INA
Casing Depth (ft):	25	Casing Diameter (in):	12
RGR Pump Data:	NO	Pump Type:	NO PUMP CODE LISTED
Pump Power:	NO POWER CODE LISTED	Pump Rate:	10
Tested Rate:	0	Draw Down:	0
Completion:	Not Reported	Well Cancelled:	Not Reported
Driller Log:	Not Reported	Watershed:	COLORADO RIVER

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

F18
SSW
1/2 - 1 Mile
Higher

FED USGS USGS40000059352

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	B-10-19 01DDA1	Type:	Well
Description:	34013 SMOKETREE LANE	HUC:	15030104
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Holocene Alluvium
Aquifer Type:	Unconfined single aquifer	Construction Date:	1971
Well Depth:	25	Well Depth Units:	ft
Well Hole Depth:	25	Well Hole Depth Units:	ft

Ground water levels, Number of Measurements:	2	Level reading date:	1997-03-20
Feet below surface:	16.38	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1971-12-31	Feet below surface:	10
Feet to sea level:	Not Reported	Note:	Not Reported

19
ENE
1/2 - 1 Mile
Higher

AZ WELLS AZDWR1200202700

Program:	55	Registry ID:	912571
Owner Name:	ARIZONA STATE PARKS BOARD - BUCKSKIN MOUNTAIN STATE PARK		
Well Type:	NON-EXEMPT	Well Type Group:	NON-EXEMPT
Water Use:	DOMESTIC	Basin Name:	PARKER
Driller License #:	239	Application:	27-SEP-10
Approved:	Not Reported	Installed Date:	Not Reported
Well Depth (ft):	0	Casing Type:	Not Reported
Water Level (ft):	0	AMA or INA:	OUTSIDE OF AMA OR INA
Casing Depth (ft):	0	Casing Diameter (in):	0
RGR Pump Data:	NO	Pump Type:	Not Reported
Pump Power:	Not Reported	Pump Rate:	0
Tested Rate:	0	Draw Down:	0
Completion:	Not Reported	Well Cancelled:	Not Reported
Driller Log:	Not Reported	Watershed:	COLORADO RIVER

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: AZ Radon

Radon Test Results (pCi/L)

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

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 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



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

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

Huachuca City Landfill: 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.

Saginaw Hill Mine: 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 pre-closure 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 more than 19 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 Environmental Site Assessment, 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

WORK HISTORY

Terracon Consultants, Inc.,
Project Manager: 2022-present

GeoTek, Inc.
Project Manager: 2020-2022

Trileaf Corporation
Project Manager II, 2015 –
2020

Ninyo & Moore
Project Manager, 2012 – 2015

GEC / Western Technologies,
Inc.
Project Geologist, 2008-2012

ATC Associates, Inc.
Staff Scientist, 2004-2008

Martha Leal

Field Scientist

PROFESSIONAL EXPERIENCE

Ms. Leal is an Assistant Scientist in Terracon's Phoenix office and has 3 years of environmental experience. Her experience includes completing Phase I ESA reports and field responsibilities for various commercial, industrial, undeveloped, and telecommunication properties, regulatory database review, aerial photography review, regulatory agency correspondence, and client coordination.

PROJECT EXPERIENCE

Phase I Environmental Site Assessment, Former Maroney's Cleaners – Phoenix, AZ

Phase I ESA at the former Maroney's Cleaners location in Phoenix, Arizona. Maroney's Cleaners was located within the East Central Phoenix-32nd Street and Indian School Road WQARF site and has been identified as a Responsible Party (RP). Responsibilities included surveying the site and surrounding properties, review of regulatory agency databases, collecting historic site use information, and report preparation. Ms. Leal reviewed WQARF files to evaluate risks associated with groundwater and vapor encroachment.

Environmental Site Assessments

Ms. Leal has completed numerous Phase I Environmental Site Assessments (ESAs) on various facilities throughout the state of Arizona. Ms. Leal is familiar with ASTM E 1527 standards and has experience assessing Business Environmental Risks, Recognized Environmental Conditions, Historic Recognized Environmental Conditions, and risks associated with historic operations involving Underground Storage Tanks (USTs), Leaking USTs, and industrial operations.

EDUCATION

Bachelor of Science,
Environmental Science,
Southern New Hampshire University

Bachelor of Arts,
Anthropology
Southern New Hampshire University

PROFESSIONAL TRAINING

OSHA 40-hour Health & Safety

Work History

Terracon Consultants, Inc.,
Assistant Scientist 2021-present

Fulcrum Resources Environmental,
2019-2020

APPENDIX F
DESCRIPTION OF TERMS AND ACRONYMS

Description of Selected General Terms and Acronyms

Term/Acronym	Description
ACM	<p>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).</p> <p>Regulatory agencies have generally defined ACM as a material containing greater than 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.</p> <p>Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.</p>
AHERA	Asbestos Hazard Emergency Response Act
AST	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.
BGS	Below Ground Surface

Description of Selected General Terms and Acronyms

Term/Acronym	Description
Brownfields	State and/or tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.
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

Description of Selected General Terms and Acronyms

Term/Acronym	Description
FRP	Fiberglass Reinforced Plastic
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, the environmental professional must determine whether the past release is a 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."

Description of Selected General Terms and Acronyms

Term/Acronym	Description
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
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

Description of Selected General Terms and Acronyms

Term/Acronym	Description
PACM	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.
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.

Description of Selected General Terms and Acronyms

Term/Acronym	Description
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.
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.
TPH	Total Petroleum Hydrocarbons

Description of Selected General Terms and Acronyms

Term/Acronym	Description
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
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

Description of Selected General Terms and Acronyms

Term/Acronym	Description
Wetlands	<p>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.</p> <p>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.</p>