PHASE I ENVIRONMENTAL SITE ASSESSMENT LOWER SAN PEDRO RIVER, PINAL COUNTY, ARIZONA Resolution Copper

Prepared for: RESOLUTION

Attn: Mary Morissette 102 Magma Heights Superior, Arizona 85173-2523

Project Number: 807.211 September 23, 2020



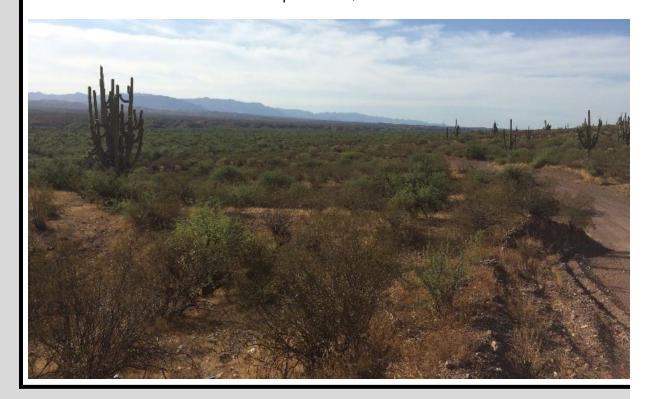




TABLE OF CONTENTS

EX	CECUTIVE SUMMARY	ES-1			
1.	INTRODUCTION	1			
	1.1. Purpose				
	1.2. Scope of Services	2			
	1.3. Limitations and Exceptions	2			
	1.4. Special Terms and Conditions	3			
	1.5. User Reliance	3			
	1.6. Continued Viability	3			
2.	SITE DESCRIPTION	4			
	2.1. Location and Legal Description	4			
	2.2. Site and Vicinity General Characteristics				
	2.3. Current Use of the Property	5			
	2.4. Description of Structures, Roads, and Other Improvements on the Site	5			
	2.5. Current Uses of Adjoining Properties	5			
3.	USER-PROVIDED INFORMATION	6			
	3.1. Title Records	6			
	3.2. Environmental Liens or Activity and Use Limitations	6			
	3.3. Specialized Knowledge				
	3.4. Commonly Known or Reasonably Ascertainable Information				
	3.5. Valuation Reduction for Environmental Issues				
	3.6. Reason for Performing Phase I ESA	7			
	3.7. Other				
4.	RECORDS REVIEW	8			
	4.1. Environmental Record Sources				
	4.2. Prior Environmental Reports				
	4.3. Physical Setting				
	4.3.1. Topography				
	4.3.2. Soils				
	4.3.3. Geology	14			
	4.3.4. Hydrology	14			
	4.3.5. Hydrogeology	15			
	4.4. Historical Use Information on the Property and Adjoining Properties	16			
	4.4.1. Historical Topographic Maps				
	4.4.2. Historical Aerial Photographs				
	4.4.3. Property Tax Files	18			
	4.4.4. Local Street Directories				
	4.4.5. Sanborn Fire Insurance Maps	19			
	4.4.6. Other Historical Sources	19			
5.	SITE RECONNAISSANCE	22			
	5.1. Methodology and Limiting Conditions				
	5.2. Indications of Past Uses of the Property				
	5.3. Exterior Observations				
	5.3.1. Hazardous Substances and Petroleum Product Containers				
	in Connection with Identified Uses	23			

	5.3.	2. Hazardous Substance and Petroleum Product Containers	
		Not in Connection with Identified Uses	23
	5.3	3. Storage Tanks (Aboveground and Underground)	24
	5.3	4. Unidentified Substance Containers	24
	5.3	5. Drums	24
	5.3	6. Odors	24
	5.3	1 , , , ,	
	5.3		
	5.3		
		10. Wells	
		11. Stained Soil or Pavement	
		12. Stressed Vegetation	
		13. Solid Waste Disposal	
		14. PCB Equipment	
		erior Observations	
6.		VIEWS	
		erviews with Owner	
		erviews with Manager/Occupants	
		erviews with Local Government Officials	
	6.4. Into	erviews with Others	28
7.		NGS AND OPINIONS	
8.	CONCL	USION	33
9.	DEVIA'	I'IONS	34
10.	ADDIT	IONAL SERVICES	35
11.	QUALII	FICATIONS AND SIGNATURE OF ENVIRONMENTAL PROFESSIONALS	36
		ENCES	
T_{a} b	le 1.	TABLES Detailed Environmental Records Evaluation	0
1 au	iic 1.	Detailed Environmental Records Evaluation)
		FIGURES (follow text)	
Figu	are 1.	Vicinity Map	
_	are 2.	Aerial Overview with ADWR Registered Wells	
_	are 3.	Surface Management	
Figu	ıre 4.	Site Reconnaissance Map with Select Features	

APPENDICES

Appendix A. Site Photographs

Appendix B. User & Operator Questionnaires:

- Sterling Hundley, Resolution
- Celeste Andresen, Land Manager, The Nature Conservancy

Appendix C. Title and Encumbrances Documents

- Title and Encumbrances
- First Amendment Agreement To Initiate

Appendix D. EDR Environmental LienSearch Report with Recorded Deeds

Appendix E. EDR RecCheck Area Report Results

Appendix F. Historical Topographic Maps

- 1911 Topographic Map
- 1948 Topographic Map
- 1972 Topographic Map
- 2014 Topographic Map

Appendix G. Historical Aerial Photographs

- 1945 Aerial Photograph (2)
- 1956 Aerial Photograph (2)
- 1977 Aerial Photograph
- 1983 Aerial Photograph
- 1996 Aerial Photograph (2)
- 2003 Aerial Photograph (2)

Appendix H. Pinal County Assessor's Record Maps and Property Detail Records

Appendix I. Resumes

EXECUTIVE SUMMARY

WestLand Resources, Inc. (WestLand), was contracted by Resolution Copper Mining, LLC (Resolution; the "User") to perform a Phase I Environmental Site Assessment (ESA) for 3,120.16 acres referred to as the Lower San Pedro River parcel ("the Property") in Pinal County, Arizona (Figure 1). The Property is located near the town of Mammoth, Arizona. An aerial photo showing the boundary of the Property is included as Figure 2. Photographs depicting the site and vicinity are provided in Appendix A. Figure 3 depicts surface management and land ownership of the Property and vicinity. Figure 4 is a map showing the location of certain GPS referenced ground photographs shown in Appendix A.

The Property comprises 18 parcels; the Pinal County Assessor Parcel Numbers (APNs) for the Property are:

307050020	307050040	306070060	306250010	30607002D	306030020
307050060	306250060	306070050	30614001A	306090030	30607003A
307050050	306070080	30607004A	306330090	30607002C	306330100

Some of these parcels are only partially within the subject Property boundaries.

This Phase I ESA has been completed in accordance with the U.S. Environmental Protection Agency's (EPA) Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) and scope limitations of the American Society for Testing and Materials (ASTM) E 2247-16: Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property. The purpose of this work was to identify the presence or potential presence of recognized environmental conditions (RECs) resulting from past or present activities. According to ASTM guidelines, a Recognized Environmental Condition (REC) is defined as "...the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property."

Findings

Environmental Liens/Activity and Use Limitations

On June 25, 2020, WestLand engaged Environmental Data Resources (EDR), to conduct a search of available land title records for environmental liens and activity and use limitations (AULs) for the Property. A search was completed for the Pinal County APNs listed above. No records of environmental liens or AULs associated with the Property were identified. There were no title records reviewed that indicated a REC in connection to the Property.

The report User previously provided copies of title documents as part of prior inquiry efforts associated with the Property, exclusive of any environmental lien or AUL information that may exist.

These documents included a Commitment for Title Insurance along with a Schedule B that lists title insurance exceptions (i.e., easements, rights-of-way, and other restrictions). None of the information in these title documents appear to identify a use or condition that suggests known contamination at the Property.

Records Review

Environmental Records—WestLand contracted with Environmental Data Resources, Inc. (EDR) to conduct an electronic search of regulatory agency databases for references to the Property and vicinity. The database search was conducted on June 18, 2020, and included standard federal, tribal, state, local, and supplemental database records, as well as EDR proprietary database records. Several sites of interest were identified within the searched distance from the Property, and a detailed REC evaluation was conducted for each (see Section 4.1, Table 1). Those sites that indicate a REC for the Property are listed as follows:

- Phoenix Fuel (River Road and Arizona State Highway 77 [SR 77])—A spill of diesel fuel was reported from a tank at this site in 1994 in the amount of 2-2,500 gallons. While it is likely that this spill was remediated as it was reported to an agency, there is no specific record indicating that it was addressed. Considering the release occurred at the Property boundary, there is potential that this release impacted soils at the Property.
- The Town of Mammoth Cielo Wastewater Treatment Plant (WWTP),—This facility is immediately adjacent to the Property. The Cielo WWTP has a surface water discharge permit and Aquifer Protection Permit (APP) for infiltration ponds. The Town of Mammoth operates a wastewater treatment facility under APP Number P-101690 as well as an APP (P-105647) and an Arizona Pollutant Discharge Elimination System (AZPDES) Permit (AZ0025470) for the Cielo WWTP. Considering this facility is located directly upgradient of portions of the Property in terms of groundwater flow, it is possible that discharges from this facility could impact groundwater beneath the Property. The facility is also permitted as an AZPDES, Individual Permit, Minor WWTP Facility. The Cielo WWTP is authorized to discharge to ephemeral washes tributary to San Pedro River on land adjoining the Property, though there is no record of any actual releases. Aerial photography of this area shows that an overflow pond from the Cielo WWTP encroaches onto the Property; while it seems to be rarely used, it has created a land disturbance on the Property and was noted to be filled in 2007. Any releases of pollutants directly upgradient of the Property would be authorized under the facility's APP or AZPDES.

The EDR Orphan Summary list included in the EDR report identifies eight records associated with unmappable sites ("orphan" sites) in the vicinity of the Property (Copper Creek, Mammoth, and unincorporated Pinal County). These sites are unmappable due to inadequate information about their location. Based on WestLand's research of this list, these sites would not likely indicate an environmental concern for the Property due to the nature of the listings and/or their distance from the Property (i.e., greater than 1 mile).

Prior Environmental Report—Phase I ESAs were previously conducted for the Property by WestLand in July 2003 (WestLand 2003b) and September 2017 (WestLand 2017a). The 2003 Phase I ESA concluded that there were no RECs for the Property and that soil staining and "wildcat" (uncontrolled) dumping were the only housekeeping issues identified for the Property. The 2017 Phase I ESA concluded no evidence of RECs in connection with the Property except:

- The known fuel release associated with Phoenix Fuel at River Road and SR 77, generally at the northeast Property boundary. As noted above, there is no record that this release of 2-2,500 gallons was cleaned up.
- A leaking underground storage tank (LUST) located at Pinal County assessor parcel number 306-13-121, on land immediately upgradient from the Property, with no indication that the record was closed. Current records review indicates that the LUST site is now closed.
- The Town of Mammoth Cielo WWTP, with permits to discharge pollutants to the aquifer and surface water immediately upstream of the Property, as described above.
- A dry-cleaning operation located at 221 Main Street on land directly upgradient of the Property. This operation is no longer listed in the 2020 EDR report. The dry-cleaning operation is no longer in business, has no record of known spills or contamination, and was located approximately 0.12 miles away from the Property boundary so is not considered a REC at this time.
- Arizona Department of Environmental Quality (ADEQ) classification of this reach of the San Pedro River as "inconclusive" regarding attainment of water quality standards for designated uses as several exceedances were recorded.
- A portion of the Property which was formerly cultivated from at least 1945 through the mid-1990's, with unknown/possible use of agricultural pesticides (i.e., lead and arsenate [arsenic]).
- Wells in the vicinity of the Property containing high sulfate, sodium, arsenic and/or fluoride
 concentrations, due to potential for regional groundwater contamination above safe drinking
 water levels in aquifers under the Property.

Physical Setting

The Lower San Pedro River parcel is located within the Basin and Range physiographic province. The province is characterized by elongated mountain ranges trending northwest-southeast, separated by broad alluvial valleys. The Property is located within one of the broad alluvial valleys of the Galiuro Mountains to the east and Santa Catalina Mountains to the south. Elevations range from 2,600 feet above mean sea level (amsl) atop a bluff at the southwestern most corner of the Property sloping gradually down towards 2,300 feet amsl at the northern boundary. The Property is generally undisturbed river bottom land (stream channel plus overbanks) and upland areas on bluffs on the north side of the river, although several roads pass through the Property and some areas have been farmed. The dominant landscape features within the Property are the mesoriparian and hydroriparian

habitats that line the river corridor. A mesquite bosque stretches for approximately 2.8 miles on the east side of the San Pedro River in the center of the Property. The Property is largely composed of soil complexes that are generally well-drained and occur on fan terraces, floodplains, and channels.

The Property is located in the northern portion of the Lower San Pedro River surface water basin (Hydrologic Unit Code [HUC] 15050203) and includes portions of the river itself, the adjoining floodplain, and adjacent upland areas. The northern boundary of the parcel is approximately 20 miles upstream from the San Pedro's confluence with the Gila River. Through the Property, flow in the river is ephemeral to intermittent (WestLand 2003a, b, 2017a).

The San Pedro River at the Property occurs within the Peppersauce Wash to Aravaipa Creek segment identified as a unit assessed for surface water quality by ADEQ (Reach ID 15050203-003; ADEQ 2015). Designated uses for the San Pedro River through the Property include Fish Consumption, Full Body Contact, Agricultural Livestock Watering, and warm-water Aquatic and Wildlife (ADEQ 2015). The most recent data available show that in 2012, ADEQ identified this reach as "inconclusive" (Category 3) regarding attainment of water quality standards for designated uses; additional sampling has been recommended for certain exceedances noted in samples collected in 2008 and 2010 (ADEQ 2015). Several segments of the San Pedro Watershed are identified as impaired for *E. coli* and copper on the 303(d) List of Impaired Waters, but the current list does not identify the segment at the Property. In 2013, a downstream segment of the San Pedro (Aravaipa Creek to Gila River) was recognized due to *E. Coli* conditions resulting from stormwater runoff and a Total Maximum Daily Load Analysis (TMDL) was completed in 2013 (ADEQ 2015). The E. coli contamination is likely a controlled REC due to the Cielo WWTP.

The Property is located in the Mammoth, Arizona sub-basin within the larger Lower San Pedro Groundwater Basin (ADWR 2015). In this region, the groundwater flow direction is from the mountains toward the valley floor of the San Pedro River and associated pumping centers. The Arizona Department of Water Resources (ADWR) Well Registry spatial database was queried to review any data for wells within the boundaries of the Property. There are 13 registered wells within the Property (ADWR 2020)¹. These well data indicate that water levels are very shallow at less than 60 feet below the ground surface. Two wells onsite that are monitored by The Nature Conservancy of Arizona indicate that groundwater levels were less than 35 feet below the ground surface during the monitoring period of January to October 2010 (The Nature Conservancy 2016).

According to a baseline study conducted by ADEQ in 2000, the water from the artesian aquifers is suitable for domestic and irrigation purposes in the southern portion of the basin. However, groundwater found near the town of Mammoth has high sulfate and sodium concentrations. Additionally, high fluoride concentrations that exceed water quality standards are present in this region. The floodplain aquifer that is found in close association with the major waterways is considered to be a

¹ Accessed online August 7, 2020.

chemically open hydrologic system. Finally, the groundwater collected from the unconfined basin-fill aquifer and from hard rock areas has the fewest water quality standard exceedances (ADEQ 2002).

According to ADWR (2009), groundwater water quality data from selected sites within Lower San Pedro Groundwater Basin in the vicinity of the Property show that fluoride and arsenic were the parameters that most frequently exceeded drinking water standards, based on four wells within the same township, range, and section as the Property. It is possible that the groundwater under the Property has an elevated level of fluoride exceeding its current drinking water standard of 4 mg/L and arsenic exceeding its current drinking water standard of 0.010 parts per million.

Historical Use

The Property's use includes open space, research, former residential, and agricultural uses (i.e., abandoned structures, corrals, and farm fields). Evidence of recreational use of vehicles can be seen in the riverbed on the Property.

Highlights from review of historical topographic and aerial photographs indicate several mining and sand and gravel operations in the vicinity of (but not within) the Property, including San Manual Mine to the south, Tiger Mine, located more than 2 miles west, and various mine prospects. A stamp mill was constructed along the San Pedro River—at the town of Mammoth and less than 0.5 mile from the Property—to increase water accessibility to the Tiger Mine. By the early 1900s, an aerial tramway was established to supply the mill with ore from the mine and is depicted on the 1911 topographic map; the tramway was removed by 1948. The Tiger Mine produced a variety of metals from the 1880s to the 1950s including gold, molybdenum, vanadium, lead, silver, and zinc. It is possible that mineral processing occurred on adjoining land in connection with the stamp mill. Long-term mining exploration and processing in the area is well known.

West of the Property along the west boundary, Mammoth has grown from a small town with municipal buildings and a cemetery to numerous residences, businesses, and utilities including a WWTP.

Site Reconnaissance

On July 14, 2020, WestLand engineer, Patrick Mette, and environmental specialist, Samantha Blonder, performed a Site reconnaissance to assess existing environmental conditions for the Property. Field observations were consistent with the findings of WestLand's prior reports, historical reviews, and interviews about the Property and vicinity. Due to the large amount of undeveloped land throughout the Property, "spot-check" methodology was used to investigate the Property, based on accessibility and locations of interest noted in prior reports, aerial photographs, and topographic maps. Wildcat dumping is mostly likely to occur at reasonably accessible locations; accordingly, rural unpaved roads through the Property were focal points of the site reconnaissance. Due to the size of the Property and obscurity presented by heavy vegetation in the bosques, it should not be assumed that all instances of wildcat dumping were observed during the site reconnaissance as described herein.

The Property has historically been used for farming, grazing, hunting, and recreational activities. Physical evidence of past use of the Property includes wells, pipelines, and various structures. A house, adobe buildings, barns, and stockade fences, all of which have been abandoned, are evidence of past residential and ranching uses on the Property. Portions of the Property were cultivated from at least 1945, through the mid 1990's. Lead and arsenate (arsenic) pesticides and defoliants were historically used on certain crops in Arizona. It is unknown if routine agricultural application of pesticides has occurred on the Property, therefore, it is possible that pesticide residuals may be present in the formerly cultivated soils on the Property. During the site visit, WestLand did not observe any indication of bulk chemical storage areas or indications of pesticide spills, releases, or accumulations such as ground staining or discoloration near outbuildings and storage areas or low-lying drainage areas.

The Property is currently managed as open space by The Nature Conservancy on behalf of the Owner. An on-site storage unit is used for the Property manager's gear.

A 1.2-mile long trail for public access is located on the Property south of Copper Creek Road. Recreational activities, such as off-road vehicle use, occurs along the river bottom. A shooting range, managed by the Lions Club, is located on Copper Creek Road, approximately 0.1 mile east of South River Road, and is not part of the current Property. Based on prior interviews with the Property manager (The Nature Conservancy), it is understood that this portion of land, an approximately 10-acre inholding including the shooting range and restroom facilities, has been deeded to the Lion's Foundation and is excluded from the Property. The Lion's Club is reportedly a "good neighbor", and based on the site reconnaissance and interviews, likely a capable steward of the shooting range. Concerns associated with shooting ranges includes lead on soils from spent bullets; however, considering the shooting range is on adjoining land and is likely managed with good housekeeping practices, it is not considered a REC for the Property.

No evidence of septic systems was observed on the Property during the site reconnaissance. One septic system was found in 2019 as part of cleanup efforts at the Property and properly closed and removed as part of the effort (WestLand 2020). Any additional septic systems, if present, are likely associated with residential use and are not considered a REC.

Interviews

Interviews were conducted with several individuals as part of this assessment:

- The report User: Sterling Hundley, representative for Resolution; and
- Property Manager: Celeste Andresen, an employee of The Nature Conservancy who has managed the Property since 2009.

WestLand also attempted to update an interview with the local fire department, but as of the date of this report, a response has not yet been received for any incident reports in the vicinity of the Property.

Prior inquiries to Pinal Rural Fire Rescue (Fire Chief, Rod Prast) and responses indicate they are not aware of hazardous material or petroleum product storage or spills at or in the immediate vicinity of the Property.

The User reported that Resolution mobilized wildcat dump cleanups soon after they acquired the Property, and several hundred tons of non-hazardous trash was removed. The User reported that the site has historically been used for agriculture (i.e., growing crops, raising farm animals, and some grazing) and that herbicides and/or insecticides may have been used during this time. The User also reported that large, discarded, mine haul truck tires were previously located near the west portion of the Property along Copper Creek. No other commonly known or reasonably ascertainable information relevant to potential RECs was provided by the User.

Ms. Andresen, representative for The Nature Conservancy, was interviewed on the phone and provided an updated questionnaire (**Appendix B**). A report summarizing recent cleanup efforts undertaken by Resolution at the Property (WestLand 2020) states that in 2019, Resolution engaged Oddonetto Construction, Inc. and Far West Pump Company to assist with:

- Abandoning several unused wells (in accordance with ADWR requirements);
- Removing materials from a pit/trench which was used as a small solid waste landfill at the Property;
- Demolishing and removing the 7B ranch homestead and 7B ranch headquarters.
- Removing discarded building materials, barb wire, and other inert trash; and
- Fencing or removing several old structures that may present a safety hazard.

Ms. Andresen indicated that other than the solid waste cleanup efforts at the Property, there had been no substantive changes to the Property condition since 2016.

Ms. Andresen has described the current use of the Property as open space and reported that grazing is not permitted. There is a public trail and the river bottom is often used by recreationalists but otherwise, use is restricted to wildlife research. She previously reported she uses a "mobile mini" container for storage of equipment at the Property but she is not aware of any bulk storage of hazardous substances or petroleum products at the Property in containers larger than 5 gallons.

Ms. Andresen reported there are likely several wells located at the Property; two wells are monitored monthly by The Nature Conservancy, and as of 2016, she is aware of two other wells that have been filled in. The recent cleanup effort indicates that six well sites were recently abandoned (WestLand 2020). Two wells were not found during the cleanup efforts.

Recognized Environmental Conditions

WestLand has performed this Phase I ESA in conformance with the scope and limitation of ASTM E 2247-16 for the Property. This assessment has revealed no evidence of REC in connections with the Property except:

- Phoenix Fuel (River Road and SR77)—There is no record that a spill of 2-2,500 gallons of diesel fuel from a tank at this site in 1994 was ever cleaned up. Considering the release occurred at the Property boundary, there is potential that this release impacted soils at the Property and is therefore considered a REC. At the time of this report's completion, there is an outstanding request to ADEQ for additional information on this record. If additional records are found that report the release has been adequately remediated, this record would be considered a historical REC.
- The Town of Mammoth Cielo WWTP,— This facility immediately adjacent to the Property, is authorized to discharge pollutants pursuant to an AZPDES and an APP. Aerial photography of this area shows that an overflow pond from the Cielo WWTP encroaches onto the Property; while it seems to be rarely used, it has created a land disturbance on the Property and was noted to be filled in 2007. Any releases of pollutants directly upgradient of the Property would be permitted under the facility's APP or AZPDES, and is considered a controlled REC.
- A portion of the Property was formerly cultivated from at least 1945 through the mid-1990's. Lead and arsenate (arsenic) pesticides and defoliants were historically used on certain crops in Arizona. It is unknown if routine agricultural application of pesticides has occurred on the Property, therefore, it is possible that pesticide residuals (i.e., chlorinated pesticides, arsenic and lead) may be present in the formerly cultivated soils on the Property. The potential soil contamination from agricultural chemical use is considered a REC but would be consistent with other historic agricultural land use in the vicinity.

I. INTRODUCTION

WestLand Resources, Inc. (WestLand), was contracted by Resolution Copper Mining, LLC (Resolution; the "User") to perform a Phase I Environmental Site Assessment (ESA) for 3,120.16 acres referred to as the Lower San Pedro River parcel ("the Property"). The Property is a private landholding surrounded by recreational/undeveloped land or transportation corridors, with the town of Mammoth, Arizona situated to the south. The Property is located in portions of the following townships, ranges, and sections in the Gila and Salt River Baseline and Meridian, in Pinal County, Arizona:

```
Township 8 South, Range 16 East, Section 12
Township 8 South, Range 17 East, Sections 7, 17, 18, 19, 20, 21, 28, 29, 32, 33
Township 9 South, Range 17 East, Sections 3, 4
```

I.I. PURPOSE

The purpose of this investigation was to conduct an assessment of the Property and surrounding areas to identify Recognized Environmental Conditions (RECs) potentially resulting in environmental impacts to the Property. According to the American Society for Testing and Materials (ASTM) E 2247-16 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property, a recognized environmental condition is defined as: "...the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property." This term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies. Conditions determined to be de minimis are not RECs.

The results of an investigation may be used as part of the due diligence investigation for prospective property owners promulgated pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA, a.k.a. Superfund), the Superfund Amendments and Reauthorization Act of 1986 (SARA), and the Small Business Liability Relief and Brownfield's Revitalization Act of 2002 (the Brownfield Amendments). This Phase I ESA is intended to assist the User in satisfying the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations of CERCLA. The Property owner has continuing obligations, if applicable, to receive liability protections in addition to the All Appropriate Inquiry (40 CFR Part 312). The continuing obligations include: 1) compliance with land use restrictions; 2) not impeding the effectiveness or integrity of institutional controls; 3) taking reasonable steps to prevent releases; 4) providing assistance and access to the U.S. Environmental Protection Agency (EPA), state,

or other parties conducting response or restoration actions; 5) complying with CERCLA information requests and subpoenas; and 6) providing legally required notices.

I.2. SCOPE OF SERVICES

This Phase I ESA has been completed in accordance with the guidelines provided in the ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property (ASTM E 2247-16). This standard satisfies the requirements of the EPA All Appropriate Inquiry provisions, which became effective November 1, 2006 (40 CFR Part 312). This protocol requires the review of readily available environmental records, historical and current land use, interviews with persons knowledgeable about the Property, and a site reconnaissance to observe on-site conditions and adjoining properties.

The User of this report has responsibilities for addressing some of the mandatory provisions of the standard. ASTM E 2247-16 Section 6 (User's Responsibilities) describes tasks that will help identify the possibility of RECs in connection with the Property that do not require the expertise of an environmental professional, including checking title records for environmental liens and activity and use limitations (AULs). The User provided certain title records to WestLand. WestLand also commissioned a search for environmental liens and AULs by a title professional on behalf of the User; see **Section 3** of this report.

This Phase I ESA does not assess ASTM non-scope considerations, including asbestos-containing building materials, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality (including vapor intrusion), biological agents, mold, or other nuisances.

1.3. LIMITATIONS AND EXCEPTIONS

This Phase I ESA evaluates potential sources of hazardous substances or petroleum products that could be considered a REC and a liability due to their presence in significant concentrations, or the potential for contamination migration through exposure pathways. Unless otherwise noted, this assessment did not include any testing or sampling of materials. Hazardous substances occurring naturally are not typically considered. This report is intended to provide further recommendations regarding potential RECs related to the Property; conclusive identification of hazardous substances and petroleum products can be accomplished only through sampling and laboratory analysis.

Site reconnaissance does not provide information regarding potential sources of contamination below the ground surface. However, in cases of subsurface contamination, aboveground indicators such as obvious stress to plant life or staining are noted. All findings are based on observations, information collected, and conditions during the site visit. A change in those conditions may alter the findings and conclusions of this report. A Phase I ESA cannot, within its scope of assessment, wholly eliminate uncertainty regarding the potential presence of RECs. WestLand believes that the information in this report is reliable; however, WestLand cannot guarantee that the information provided by all the sources contained in this report is complete and accurate. This report is intended to decrease, but not eliminate, uncertainty regarding the potential for RECs in connection with a property given reasonable limits of cost and time, and in a manner consistent with the customary practices of the environmental consulting industry, under similar circumstances at the time services were performed and in similar localities. It should be noted that the conditions at the Property could change as a result of natural processes or be altered by human activities at the Property and/or nearby sites.

1.4. SPECIAL TERMS AND CONDITIONS

No special terms or conditions are associated with this report.

1.5. USER RELIANCE

This Phase I ESA has been prepared for use by Resolution and the BLM in support of the Southeastern Land Exchange and Conservation Act of 2013. It may not be relied upon by any other person or entity without the written consent of WestLand.

I.6. CONTINUED VIABILITY

ASTM E 2247-16 guidelines require that certain components of a Phase I ESA be completed less than 180 days prior to the date of acquisition or the intended transaction if no acquisition is involved; therefore, its useful life is limited. The following components of the Phase I ESA are presumed valid only within 180 days prior to the date of acquisition or other intended transaction:

- Interviews
- Searches for environmental liens
- Government records review
- Site reconnaissance
- Declaration by the environmental professional

Other components of the Phase I ESA are valid for 1 year. The above-listed components can be updated separately in order to eliminate redundant environmental due diligence efforts within 1 year. After 1 year has passed, all Phase I ESA components should be redone. The prior Phase I ESA report may be used as a reference during completion of the new investigation and analysis.

2. SITE DESCRIPTION

This section describes the location, general characteristics, and current uses of the Property. The current uses of adjoining properties are also described. Photographs depicting the Property and vicinity are provided in **Appendix A**. A recent aerial photograph depicting the Property and vicinity is provided as **Figure 2**. The approximate locations of the ground photographs with GPS locations shown in **Appendix A** are provided on **Figure 4**.

2.1. LOCATION AND LEGAL DESCRIPTION

The Property is located along the lower San Pedro River near Mammoth in Pinal County, Arizona. The Property is adjacent to the town of Mammoth and the majority of the Property is west of Arizona State Highway 77 (SR 77). The Property is a private landholding surrounded by recreational/undeveloped land or transportation corridors, with the town of Mammoth situated to the south. The Property is located in portions of the following townships, ranges, and sections in the Gila and Salt River Baseline and Meridian, in Pinal County, Arizona:

```
Township 8 South, Range 16 East, Section 12
Township 8 South, Range 17 East, Sections 7, 17, 18, 19, 20, 21, 28, 29, 32, 33
Township 9 South, Range 17 East, Sections 3, 4
```

The Pinal County Assessor Parcel Numbers (APNs) for the Property are:

307050020	307050040	306070060	306250010	30607002D	306030020
307050060	306250060	306070050	30614001A	306090030	30607003A
307050050	306070080	30607004A	306330090	30607002C	306330100

These parcels comprise a larger area than the subject Property.

2.2. SITE AND VICINITY GENERAL CHARACTERISTICS

The Property consists of 3,120.16 acres along the San Pedro River near Mammoth in Pinal County, Arizona. It is located in the San Pedro River Valley, in the northern portion of the San Pedro River basin within the floodplain and adjacent upland areas. The majority of the Property is undeveloped. Approximately 15 percent of the Property had been cleared of native vegetation for agricultural uses and was previously farmed primarily for alfalfa as livestock feed (WestLand 2004).

The undeveloped portion of the Property is generally undisturbed river bottom land (stream channel plus overbanks) and upland areas on bluffs on the north side of the river. The dominant landscape features within the Property are the mesoriparian and hydroriparian habitats that line the river corridor. A mesquite bosque stretches for approximately 2.8 miles on the east side of the San Pedro River in the center of the Property.

2.3. CURRENT USE OF THE PROPERTY

The Property is characterized as undeveloped open space, though transportation corridors and scattered developed features from historical agricultural use are present. Evidence of recreational use of vehicles can be seen in the riverbed on the Property.

The Property is presently managed by The Nature Conservancy on behalf of the Owner.

2.4. DESCRIPTION OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS ON THE SITE

Several improved (paved) and unimproved (dirt) public roads cross the parcel. On the northeast side of the river, River Road is paved from its intersection with SR 77 southeast through the Property and adjoining properties, becoming dirt farther southeast. Copper Creek Road crosses the Property from the northeast side of the river to Mammoth; it is paved except where it crosses the streambed. Camino Rio Road accesses the Property and adjoining parcels on the southwest side of the river northwest of Mammoth. A dirt road southeast of Mammoth, on the southwest side of the river, is depicted on historical maps but was reportedly abandoned years ago. Vestiges of this road are present in some locations along the Property. Numerous unimproved dirt roads and trails cross the Property as well; these appear to have been formed by the general public as convenient access to the river or upland areas (WestLand 2017a). Remnants of former residential and agricultural uses (i.e., abandoned structures and corrals) are present. The Nature Conservancy also has a mobile storage unit at the Property for their gear.

A large cleanup effort was initiated by Resolution in 2019 to remove various materials from the Property. This included removing trash and remnants of structures, abandoning wells, and demolishing and removing homestead structures (WestLand 2020).

2.5. CURRENT USES OF ADJOINING PROPERTIES

Agricultural, commercial, industrial, residential, and recreational/undeveloped land uses occur on adjoining properties. A small unincorporated rural residential community including ranching and farming uses occurs north of the Property. A sand and gravel quarry occurs in Section 7, east of the Property, along with Arizona State Trust Lands and U.S. Bureau of Land Management (BLM) lands, both of which are open space available for recreational use. A trailer park community exists and ranching occurs south of the Property. South and west of the Property is Mammoth, with residential and commercial uses mostly in Sections 17, 18, and 19. The Cielo Wastewater Treatment Plant (WWTP, operated by the Town of Mammoth) is located immediately adjacent to the Property, in the northwest corner of Section 18, and a Town of Mammoth maintenance yard is also located in Section 18.

3. USER-PROVIDED INFORMATION

The report User and landowner is Resolution, who provided relevant information about the Property in a written interview on August 6, 2020. The User contact is Sterling Hundley. A copy of the User Questionnaire is provided as **Appendix B**.

On August 6, 2020, WestLand contacted Colleen Bergmanis, representative for the BLM, at cbergmanis@blm.gov and via telephone and requested that the User Questionnaire be completed for the Property in support of the Southeastern Land Exchange and Conservation Act of 2013. As of the date of this report, a returned questionnaire has not yet been received. If the User Questionnaire is received after this report is finalized, it may be incorporated into the Phase I ESA report as an addendum to assist the BLM in qualifying for landowner liability protections.

3.1. TITLE RECORDS

The report User previously provided copies of title documents (**Appendix C**) as part of prior inquiry efforts associated with the Property, exclusive of any environmental lien or AUL information that may exist. These documents included a Commitment for Title Insurance along with a Schedule B that lists title insurance exceptions (i.e., easements, rights-of-way, and other restrictions). None of the information in these title documents appear to identify a use or condition that suggests known contamination at the Property.

WestLand reviewed the current deed for the Property. The Warranty Deed for the Property was executed March 24, 2020, and recorded April 8, 2020, conveying ownership from Swift Current Land & Cattle LLC to Resolution Copper Mining, a Delaware limited liability company. A copy of the deed is included with **Appendix D**.

3.2. Environmental Liens or Activity and Use Limitations

WestLand coordinated with the Owner to determine if prior environmental information regarding environmental liens or activity and use limitations (AULs) was available for the Property; the User is not aware of any environmental liens or AULs for the Property.

On June 25, 2020, WestLand engaged Environmental Data Resources (EDR), to conduct a search of available land title records for environmental liens and activity and use limitations (AULs) for the Property. A search was completed for Pinal County APNs listed in **Section 2.1**. No records of environmental liens or AULs associated with the Property were identified. There were no title records reviewed that indicated a REC in connection with the Property (**Appendix D**).

It is noted there was a former solid waste landfill site erroneously described at the Property through an incorrect legal description in a restrictive covenant in 1993. This is a different landfill than the informal one described on the Property. This landfill was actually on separate lands that are not part

of the Property. In 2016, the erroneous restrictive covenant was released, and a new restrictive covenant was recorded that excluded the Property (**Appendix C**).

3.3. SPECIALIZED KNOWLEDGE

The User reported that "wildcat" (uncontrolled) dump cleanups occurred soon after Resolution acquired the Property. Several hundred tons of non-hazardous trash were removed.

3.4. COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

The User reported that the site has historically been used for agricultural: growing crops, raising farm animals, and some grazing, and that herbicides and/or insecticides may have been used during this time. No other commonly known or reasonably ascertainable information relevant to potential RECs was provided by the User.

3.5. VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

There is no information indicating the value of the Property has been reduced as a result of environmental issues.

3.6. REASON FOR PERFORMING PHASE I ESA

The Phase I is being performed to identify RECs requiring additional investigation relating to a land exchange property transaction.

3.7. OTHER

Based on the User's knowledge of the Property and related experience, the User is not aware of any obvious issues that indicate the presence or likely presence of contamination on the Property. No other information relevant to potential RECs was provided by the User.

4. RECORDS REVIEW

WestLand reviewed a variety of regulatory records to determine if any past uses of the Property or uses within adjoining areas may have led to RECs on the Property.

4.1. Environmental Record Sources

WestLand contracted with EDR to conduct an electronic search of regulatory agency databases for references to the Property and surrounding lands. The database search was conducted on June 18, 2020 and included standard federal, tribal, state, local, and supplemental database records, as well as EDR proprietary database records. The regulatory agency databases were queried by conducting a search from the boundaries of the Property to the minimum search distance recommended by the ASTM standard. A copy of the EDR environmental report that describes the databases searched, search distances, record details for the search results, and the dates the databases were last updated is provided in **Appendix E**.

Twelve occurrence records were mapped in the EDR report; some records occur close together, so they were counted as one location. **Table 1** addresses the records identified by the environmental records searched within the ASTM search distances from the Property. Several occurrence records were identified on multiple databases. There are two U.S. mine sites within the ASTM-recommended search distance. Additional historical review of mining activity in the vicinity of the Property is provided in **Section 4.4.6**.

Table I. Detailed Environmental Records Evaluation

Site ID Name, Map ID Number, Situation Relative to the Property	Databases Listed	Analysis	Potential Impact to the Property
Phoenix Fuel – River Road & SR 77/Clark Pit #1 in Mammoth, Arizona Map ID: 1 Elevation: Side gradient of the Property	SPILLS	A spill of diesel was reported from a tank at this site in 1994 in the amount of 2-2,500 gallons. While it is likely that this spill was remediated as it was reported to an agency, there is no record that the spill was remediated. Considering the release occurred near the Property boundary, there is potential that this release impacted soils at the Property. At the time of this report's completion, there is an outstanding request to ADEQ for additional information on this record.	REC
Cielo WWTP, Mammoth, Arizona Map ID: 2, C10, C11 Elevation: Sidegradient/ Upgradient of the Property/At Property boundary	EMAP, Aquifer, WWFAC, FINDS	This facility is immediately adjacent to the Property. The Cielo WWTP has a surface water discharge permit and Aquifer Protection Permit (APP) for infiltration ponds. The Town of Mammoth operates a wastewater treatment facility under APP Number P-101690 as well as an APP (P-105647) and an Arizona Pollutant Discharge Elimination System (AZPDES) Permit (AZ0025470) for the Cielo WWTP. Considering this facility is located directly upgradient of portions of the Property in terms of groundwater flow, it is possible that discharges from this facility could impact groundwater beneath the Property. The facility is also permitted as an AZPDES, Individual Permit, Minor WWTP Facility. The Cielo WWTP is authorized to discharge to ephemeral washes tributary to San Pedro River on land adjoining the Property, though there is no record of any actual releases. Aerial photography of this area shows that an overflow pond from the Cielo WWTP encroaches onto the Property; while it seems to be rarely used, it has created a land disturbance on the Property and was noted to be filled in 2007. The WWTP is authorized to discharge to ephemeral washes tributary to San Pedro River on land adjoining the Property, though there is no record of any actual releases. Any releases of pollutants directly upgradient of the Property would be authorized under the facility's APP or AZPDES.	Controlled REC
Creola Dungen Map ID: 14 Elevation: Sidegradient/ Upgradient of the Property	UST	This record refers to two tanks that were permanently removed in 1990. There is no indication that either of these tanks leaked.	Not Considered a REC
Mammoth, Arizona Map ID: 15 Elevation: Sidegradient/ Upgradient of the Property	UST	This record refers to one tank that was permanently removed at this site in 1991. There is no indication a release was associated with these tanks.	Not Considered a REC
San Carlos Project Map ID: 16 Elevation: Sidegradient/ Upgradient of the Property	LUST	This record refers to a leaking underground storage tank from 1997; however, this LUST case was closed in 1998 when the affected soil met tier 1 soil remediation levels. This record also refers to tank that was permanently removed in 1997 (likely the same tank as the LUST). Considering the soils impacted by the LUST were remediated; this release is not considered an environmental liability for the Property.	Not Considered a REC

Table I. Detailed Environmental Records Evaluation

Site ID Name, Map ID Number, Situation Relative to the Property	Databases Listed	Analysis	Potential Impact to the Property
Pinal APN #306-13-121 Map ID: 17 Elevation: Sidegradient/ Upgradient of the Property	LUST, UST, EMAP	This record refers to one leaking underground tank with unknown or undefined soil contamination in 2014, and four underground storage tanks that were permanently closed in 2014. The EMAP record notes this is a gas filling station. The LUST record was closed in January 2016 and not considered to be a REC for the Property.	Not Considered a REC
Pinal APN #306-13-176D Map ID: 19 Elevation: Sidegradient/ Upgradient of the Property	LUST, UST, EMAP, ENFORCE MENT	This record refers to one leaking underground tank; however, the case was closed when soils met tier 1 remediation levels in 2012. Two underground storage tanks are reported to have been permanently closed in 2012. The EMAP record notes this is a grocery and convenience store. Considering the LUST record appears to have been addressed, this record is not considered a REC.	Not Considered a REC
Pinal APN #306-13-203 Map ID: 20 Elevation: Sidegradient/ Upgradient of the Property	LUST, UST, EMAP	This record refers to one leaking underground tank; however, the case was closed when soils met tier 1 remediation levels in 2012. Three underground storage tanks are reported to have been permanently closed in 2012. The EMAP record notes this is a gas station. Considering the LUST record appears to have been addressed, this record is not considered a REC.	Not Considered a REC
Fred Clark Trucking Co./Clarks Gravel Quarry/Pit No. 1 Map ID: A3, A4, 5, 12 Elevation: Sidegradient/ Upgradient of the Property	UST, MRDS	This record refers to the Fred Clark Trucking Company that removed two underground storage tanks at this site in 1992. There is no indication a release was associated with these tanks. Affiliated with the Fred Clark Trucking Company is the Clarks Gravel Quarry and Pit No. 1. These records are for a gravel and sand quarry operation under the same ownership.	Not Considered a REC
Metro Materials Globe Map ID: 6 Elevation: Mapped at Property	US MINES	The Metro Materials Globe record has no address, is identified as a non-coal mining facility (likely aggregate facility), and no environmental information regarding this facility is provided in the EDR report. Review of the Pinal County Assessor Parcel Viewer and aerial imagery indicates that this record is most likely affiliated with parcels 306-07-0140 and 306-09-0040, which are currently co-owned by United Metro Materials Inc and Rinker Materials Corporation. The site appears to be a gravel quarry. There is no known or suspected release of hazardous material or petroleum products associated with the sand and gravel operation. This quarry is likely mis-mapped and located northeast of the Property near River Road and SR 77.	Not Considered a REC
St. Cloud Mining Co./ White Cliff Mine Map ID: B8, B9 Elevation: Mapped at Property incorrectly, Upgradient	US MINES	This record is for the White Cliffs Mine and Plant, a non-coal mining operation. The record is mapped in error as on the Property, but the White Cliff Mine is actually located 3 miles southeast (upgradient) of the Property. There are several violations recorded for this facility. Assessments appear to have been filed against the property for dollar amounts ranging from \$60-\$123. Several violation cases are closed in connection to the citations. Mindat identifies the White Cliffs Mine as a former surface gypsum and diatomaceous earth mine. The mine produced from the 1920's to 1940's. Mindat further notes that workings include many small quarries which were put in during the 1960's. There is no known or suspected release of hazardous materials or petroleum products associated with this mine record.	Not Considered a REC

Site ID Name, **Potential** Map ID Number, **Databases Impact Analysis Situation Relative** Listed to the to the Property **Property** National Gypsum US MINES This site is identified as a non-coal mining operation known as Not Feldman #2 with a status date of 1983. Several citations/violations Considered Company of an unknown nature are listed from 1983 but all were abated. a REC Map ID: 13 Mindat (2016) provides a summary for the Feldman and Winkelman Elevation: Sidegradient/ Gypsum pits that indicates an existing surface mining operation Upgradient of the where gypsum ore is drilled and blasted, then the broken gypsum is Property loaded and hauled to crushing plants. There is no known or suspected release of hazardous material or petroleum products associated with this record and all violations have been addressed. Circle K #2700853 This record refers to four leaking underground tanks Three cases LUST, UST, EMAP, ENF, for these tanks were closed when soils met tier 1 remediation Considered Map ID: 18 FINANCIAL levels in 1998, and the other case was closed in 2020 when the a REC Elevation: Sidegradient/ soils met tier 3 remediation levels. Five underground storage tanks Upgradient of the are reported. Three of these tanks were permanently closed in Property 1998, while the other two remain open. This is reported as a commercial gas filling station, and the remaining open underground tanks are reported to hold gas. All Enforcement records reports are for "underground storage tank program" and all cases are closed. Considering the LUST records appear to have been addressed, this record is not considered a REC. MRDS Tiger Tailings Dump This record refers to the Tiger Tailings Dump associated with Not Tiger Mine east of the Property and not at the Property. Through Considered Map ID: 7 a more detailed records review of the U.S. Geological Survey a REC Elevation: Mapped at (USGS) metadata, it was revealed that this facility is actually Property located in Township 8 South, Range 16 East within Section 26, thus, it is not considered a REC.

Table 1. Detailed Environmental Records Evaluation

The EDR Orphan Summary list included in the EDR report identifies 8 records associated with unmappable sites ("orphan" sites) in the vicinity of the Property (Copper Creek, Mammoth, and unincorporated Pinal County). These sites are unmappable due to inadequate information about their location. Based on WestLand's research of this list, these sites would likely not indicate an environmental concern for the Property due to the nature of the listings and/or their distance from the Property (i.e., greater than 1 mile).

4.2. PRIOR ENVIRONMENTAL REPORTS

Phase I ESAs were previously conducted for the Property by WestLand in July 2003 (WestLand 2003b) and September 2017 (WestLand 2017a). The 2003 Phase I ESA concluded that there were no RECs for the Property and that soil staining and wildcat dumping were the only housekeeping issues identified for the Property. The 2017 Phase I ESA concluded no evidence of RECs in connection with the Property except:

- The known fuel release associated with Phoenix Fuel at River Road and SR 77, generally at the northeast Property boundary. As noted above, there is no record that this release of 2-2,500 gallons was cleaned up.
- A leaking underground storage tank (LUST) located at Pinal County assessor parcel number 306-13-121, on land immediately upgradient from the Property, with no indication that the record was closed. Current records review indicates that the LUST site is now closed.
- The Town of Mammoth Cielo WWTP, immediately adjacent to the Property, with permits to discharge pollutants to the aquifer and surface water immediately upstream of the Property, as described above.
- A dry-cleaning operation located at 221 Main Street on land directly upgradient of the Property. This operation is no longer listed in the 2020 EDR report. The dry-cleaning operation is no longer in business, has no record of known spills or contamination, and was located approximately 0.12 miles away from the Property boundary so is not considered a REC at this time.
- Arizona Department of Environmental Quality (ADEQ) classification of this reach of the San Pedro River as "inconclusive" regarding attainment of water quality standards for designated uses as several exceedances were recorded.
- A portion of the Property which was formerly cultivated from at least 1945 through the mid-1990's, with unknown/possible use of agricultural pesticides (i.e., lead and arsenate [arsenic]).
- Wells in the vicinity of the Property containing high sulfate, sodium, arsenic and/or fluoride
 concentrations, due to potential for regional groundwater contamination above safe drinking
 water levels in aquifers under the Property.

4.3. PHYSICAL SETTING

The Property's physical setting was reviewed by WestLand to gain a comprehensive understanding of the Property's geophysical characteristics. These geophysical characteristics, including surface topography, soils, geology, hydrology, and hydrogeology may relate to the potential migration of hazardous substances and petroleum products. A site visit was completed on July 14, 2020.

4.3.1. Topography

The Property is located within the Basin and Range physiographic province. The province is characterized by elongated mountain ranges trending northwest-southeast, separated by broad alluvial valleys. The Property is located within one of the broad alluvial valleys of the Galiuro Mountains to the east and Santa Catalina Mountains to the south.

The gradient of the San Pedro River streambed is very gradual to the northwest. The primary stream channel meanders along the riverbed. Upland slopes facing the river are typically steeper on the north side of the river and generally gentler on the south side of the river. On both sides, however, the bluffs

are deeply incised by numerous washes, both named and unnamed (WestLand 2003b, 2017a). The upland bluffs range up to 50 to 75 feet in elevation above the overbanks; typically, the bluff slopes facing the river are steep to near vertical especially on the north side of the river (WestLand 2003b, 2017a). Larger tributary washes on the Property include Copper, Mammoth, and Turtle washes and contribute deposition and runoff to the San Pedro River (WestLand 2003a).

Elevations range from 2,600 feet above mean sea level (amsl) atop a bluff at the southwestern most corner of the Property sloping gradually towards 2,300 feet amsl at the northern boundary. The lowest elevations occur at the San Pedro River at the northwest extreme of the Property. The second highest elevation is located atop a bluff along the midpoint of the northeast margin of the Property (approximately 2,525 feet).

4.3.2. **Soils**

Soil data provided by the National Cooperative Soil Survey through Web Soil Survey (Soil Survey Staff 2020)² indicate that 11 soil complexes occur within the Lower San Pedro parcel. The most common soils complexes include the Augustin-Kokan-Queencreek complex, the Cascabel soils-Wetrock soils-Riverwash complex, the Gila-Vinton complex, the Glendale-Hantz complex, and the Haplogypsid-Whitecliff-Bandlands complex. These soil complexes are generally well-drained and occur on fan terraces, floodplains, and channels, described as follows:

- The Agustin-Kokan-Queencreek complex consists of very deep, well-drained, moderately to rapidly permeable soils formed in mixed fan alluvium. Agustin soils make up approximately 55 percent, Kokan soils 25 percent, and Queencreek soils about 15 percent of this complex. These nearly level to moderately sloping soils are on fan remnants and floodplains. Slopes range from 0 to 8 percent.
- The Cascabel soils-Wetrock soils-Riverwash complex consists of very deep, moderately well-drained soils that formed from mixed stream alluvium. This soil complex is on floodplains and channels and has slopes of 0 to 5 percent.
- The Gila-Vinton complex consists of deep, well-drained soils formed in stratified or mixed alluvium. Gila soils comprise 45 percent and Vinton soils approximately 40 percent of this complex. These soils are on alluvial fans and floodplains and have slopes of 0 to 5 percent.
- The Glendale-Hantz complex consists of very deep, well drained soils that formed in stratified mixed alluvium. Glendale soils comprise 50 percent and Hantz soils approximately 40 percent of this complex. These soils are on alluvial fans, floodplains, and stream terraces and have slopes of 0 to 5 percent.
- The Haplogypsid-Whitecliff-Bandlands complex consists of very deep, well-drained soils that formed from gypsiferous and calcareous lacustrine deposits. Haplogypsids soils comprised 45 percent, Whitecliff soils 25 percent, and Badlands soils approximately 20 percent of this

² Accessed online August 7, 2020.

complex. These soils are on alluvial fans and fan terraces and have slopes of 0 to 5 percent typically but can range up to 80 percent.

The remaining six soil complexes each comprise less than 12 percent of the Property's acreage (Soil Survey Staff 2020).

4.3.3. Geology

The majority of the surface geology of the Property is Holocene River Alluvium (Qr). An upland area in the eastern portion of the Property is mapped as Pliocene to Middle Miocene deposits (Tsy), and the extreme southwestern corner is mapped as Quaternary Surficial deposits (Q), undivided (Spencer and Richard 2015). Holocene River Alluvium consists of unconsolidated to weakly consolidated sand and gravel in river channels and sand, silt, and clay on floodplains. This unit also includes young terrace deposits fringing the floodplains. Pliocene to Middle Miocene deposits are moderately to strongly consolidated conglomerate and sandstone deposited in basins during and after late Tertiary faulting. This unit includes lesser amounts of mudstone, siltstone, limestone, and gypsum. They commonly form high rounded hills and ridges in modern basins, and locally form prominent bluffs. Quaternary Surficial deposits, undivided, consists of 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 drainage; sand, silt and clay on alluvial plains and playas; and wind-blown sand deposits.

4.3.4. Hydrology

The Property is located in the northern portion of the Lower San Pedro River surface water basin (Hydrologic Unit Code [HUC] 15050203) and includes portions of the river itself, the adjoining floodplain, and adjacent upland areas. The northern boundary of the parcel is approximately 20 miles upstream from the San Pedro River's confluence with the Gila River. The San Pedro River is one of only two major rivers that flow north out of Mexico into the U.S. and is one of the few remaining free-flowing rivers in the Southwest. Through the Property, the river is ephemeral to intermittent (WestLand 2003a, 2003b). Stream flow data collected at U.S. Geological Survey (USGS) Gauge No. 09472500 on the San Pedro River, near Mammoth, Arizona, suggest that surface water flow is intermittent and associated with seasonal weather patterns (WestLand 2003a). Stream gauge (USGS Gauge No. 09472000) data collected near Redington, Arizona, approximately 20 miles upstream of the Property also suggest this stretch is also intermittent at least since arroyo cutting was initiated in the late 1800s (WestLand 2003a).

An uncapped man-made well named the "hot spring" well is present on the Property; this well was not observed during the site visits but is reportedly maintained by The Nature Conservancy as wildlife habitat. The artesian well is approximately 1,500 feet deep and discharges water at an estimated rate of about 53 to 106 gallons per minute (gpm) (WestLand 2003a). The well creates a perennial surface water feature within the Property. The water flows west-northwest from the artesian well for about

328 feet before sinking below ground (WestLand 2003a). This well is further described as free-flowing with 106°Fahrenheit water at a rate of about 20 gpm stretching about 420 feet (The Nature Conservancy 2016). In 2007, outflow of the well was diverted to the San Pedro River using PVC pipe (The Nature Conservancy 2016).

The San Pedro River at the Property occurs within the Peppersauce Wash to Aravaipa Creek segment identified as a unit assessed for surface water quality by ADEQ (Reach ID 15050203-003)(ADEQ 2015). Designated uses for the San Pedro River through the Property include Fish Consumption, Full Body Contact, Agricultural Livestock Watering, and warm-water Aquatic and Wildlife (ADEQ 2015). The most recent data available show that in 2012, ADEQ identified this reach as "inconclusive" (Category 3) regarding attainment of water quality standards for designated uses; additional sampling has been recommended for certain exceedances noted in samples collected in 2008 and 2010 (ADEQ 2015). Several segments of the San Pedro Watershed are identified as impaired for *E. coli* and copper on the 303(d) List of Impaired Waters, but the current list does not identify the segment at the Property. In 2013, a downstream segment of the San Pedro (Aravaipa Creek to Gila River) was recognized due to *E. Coli* conditions resulting from stormwater runoff and a Total Maximum Daily Load Analysis (TMDL) was completed in 2013 (ADEQ 2015). The *E. coli* contamination is likely a controlled REC due to the Cielo WWTP.

As noted above, the San Pedro River is intermittent to ephemeral through the Property. The National Wetlands Inventory (NWI) map identifies 1,766 acres of variably classified wetlands at the Property (USFWS 2020). Mesoriparian and xeroriparian habitat is present along the stream channel. Facultative wetland species were present. No obligate wetland species or hydric soils were observed along the stream channel (WestLand 2004). However, a small wetland has formed around the "hot spring well," a free-flowing artesian well, and obligate and facultative wetland vegetation are present including willow (*Salix* sp.), ash (*Fraxinus* sp.), watercress (*Rorippa* sp.), and spike-rush (*Eleocharis* sp.) (The Nature Conservancy 2016). The wetland is estimated to be approximately 0.25 acre (The Nature Conservancy 2016).

The area has been mapped by the Federal Emergency Management Agency as having four zones of flood hazard. These include Zone A (1 percent chance flood hazard), Zone AE (regulatory floodway), Zone X (0.2 percent annual chance flood hazard), and Zone X (area of minimal flood hazard).

4.3.5. Hydrogeology

The Property is located within the Mammoth sub-basin within the larger Lower San Pedro Groundwater Basin (ADWR 2015). In this region, the groundwater flow direction is from the mountains toward the valley floor of the San Pedro River and associated pumping centers.

The aquifer in the Mammoth sub-basin is made up of four water-bearing units: the floodplain aquifer, the unconfined basin-fill aquifer, the confined (or artesian) basin-fill aquifer, and in the fractured and faulted portions of hard rock mountains of the basin. The most productive water-bearing unit is the floodplain aquifer, which parallels the major waterways and is composed of gravel, sand, silt, and clay.

An artesian aquifer may be encountered in wells drilled deeper than 500 feet. The primary recharge in the area occurs from surface flows in the San Pedro River (ADEQ 2002).

WestLand queried the Arizona Department of Water Resources (ADWR) Well Registry spatial database to review data for wells within the boundaries of the Property, in addition to the known artisan well described above. There are 13 registered wells at the Property (ADWR 2020). This well data indicates that water levels for these wells are very shallow at less than 60 feet below the ground surface. Two wells onsite that are monitored by The Nature Conservancy indicate that groundwater levels were less than 35 feet below the ground surface during the monitoring period of January to October 2010 (The Nature Conservancy 2016).

According to a baseline study conducted by ADEQ in 2000, the water from the artesian aquifers is suitable for domestic and irrigation purposes in the southern portion of the basin. However, groundwater found near the town of Mammoth has high sulfate and sodium concentrations. Additionally, high fluoride concentrations that exceed water quality standards are present in this region. The floodplain aquifer that is found in close association with the major waterways is considered to be a chemically open hydrologic system. Finally, the ground water collected from the unconfined basin-fill aquifer and from hard rock areas has the fewest water quality standard exceedances (ADEQ 2002).

According to ADWR (2009) groundwater water quality data from selected sites within Lower San Pedro Groundwater Basin in the vicinity of the Property show that fluoride and arsenic were the parameters that most frequently exceeded drinking water standards, based on four wells within the same township, range, and section as the Property. It is possible the groundwater under Property has an elevated level of fluoride exceeding its current drinking water standard of 4 parts per million (ppm) and arsenic exceeding its current drinking water standard of 0.010 ppm.

4.4. HISTORICAL USE INFORMATION ON THE PROPERTY AND ADJOINING PROPERTIES

The purpose of reviewing historical sources is to develop a history of the previous uses of a property and surrounding area in order to help identify past uses that may have led to RECs in connection with the Property. According to the ASTM standard, obvious uses of a property shall be identified from the present back to the property's first developed use, or back to 1940, whichever is earlier. This requires reviewing only as many standard historical sources as are reasonably ascertainable and likely to be useful.

4.4.1. Historical Topographic Maps

WestLand reviewed USGS topographic maps of the Property and its vicinity dated 1911, 1948, 1972, and 2014. USGS topographic map coverage for the Property is provided on the Winkelman 30-minute quadrangles, Mammoth 7.5-minute quadrangles, Clark Ranch 7.5-minute quadrangles, Lookout Mountain 7.5-minute quadrangles, and Holy Joe Peak 7.5-minute quadrangles (**Appendix F**). The

7.5-minute quadrangles are provided at a 1:24,000 scale and the 30-minute quadrangles at a 1:125,000 scale. Topographic maps depict both natural and developed features, including wells, structures, and other indications of historical use. The following presents WestLand's review of the identified mapped features on or near the Property in chronological sequence.

The 1911 Winkelman 30-minute quadrangle (1:125,000 scale) provides coverage for the entire Property. This map depicts much of the Property as undeveloped land except for a few scattered roads and structures. A small community, Mammoth, is located outside of the western Property boundary near the middle of the Property. Copper Creek Road crosses the Property near the middle of the Property, and a road runs along the eastern edge of the San Pedro River. Several dirt roads provide access from offsite areas to the river and single structures at the Property and on adjoining land. Mine facilities are located west of Mammoth and west of the Property and a "tramway" appears to connect the river and a mine facility. Other historical records indicate that a stamp mill was located at the river, and the tramway delivered ore to the mill (Section 4.4.6). Natural topography and drainages appear to be similar to current conditions.

The 1948 Mammoth and Clark Ranch 7.5-minute (1:24,000 scale) quadrangles were combined to provide coverage of all of the Property. The tramway is no longer depicted. Improvements depicted include further growth of the Mammoth community including cemeteries, improvements to existing roads and new roads, telephone and pipelines, a tank that is near the center of the Property, and an artesian well near the center of the Property. Additional roads, wells and tanks and cleared area (that follows the configuration of the farm fields) indicate agricultural use at and in the vicinity of the Property.

The 1972 Holy Joe Peak, Lookout Mountain, Mammoth, and Clark Ranch quadrangles were combined to provide coverage of all of the Property. These maps depict the Property in similar conditions to the 1948 map. Additional development outside of the Property includes a community and a new structure near the northern end of the Property, a trailer park near the southeast end of the Property, and continued expansion of Mammoth. Other changes to the surrounding area include a railroad that runs west of the Property (the San Manuel Arizona Railroad), likely associated with a nearby copper mine (San Manuel).

The 2014 Holy Joe Peak, Lookout Mountain, Mammoth, and Clark Ranch 7.5-minute (1:24,000 scale) quadrangles were combined to provide coverage of all of the Property. These maps depict the Property and surrounding area in generally similar conditions from the 1970s mapping except for further development of existing communities and roadways.

4.4.2. Historical Aerial Photographs

WestLand obtained historical aerial photographs depicting the Property and vicinity dating from 1945, 1956, 1977, 1983, 1996, 2003, and 2015 (**Appendix G**). These were reviewed at a scale of between 1" = 3266' and 1" = 6666'. WestLand reviewed the photographs for evidence of anthropomorphic

disturbance and to identify any historical land uses that might have involved the use, treatment, storage, disposal, or generation of hazardous substances, or petroleum products.

The 1945 aerial photographs do not readily exhibit any developed features at the Property with the exception of two possible roads that run along the eastern and western edge of the vegetation at the Property, and a polygon of unnatural vegetation/cleared land that suggests use as agricultural fields. There is also a possible roadway just north of the polygon within the Property boundaries.

The 1956 aerial photographs exhibit development of a railroad that runs west of the Property from north to south. A housing development appears just outside the western edge of the Property near the middle of the Property's western boundary. Roadway development appears near the southeastern end of the polygon within the Property. A second polygon of suspected agricultural use appears located outside the eastern edge of the Property near the southern end of the Property boundaries.

The 1977 aerial photograph shows the Property in similar conditions to the prior photographs. Limited growth of Mammoth is visible to the west of the Property.

The 1983 aerial photograph shows the Property in similar conditions to the prior photograph with the exception of further land development near the north and south boundary and additional roadways.

The 1996 aerial photographs are a higher quality resolution than the prior photographs. Mammoth appears to have developed further including structures, ponds, roads, and cleared areas. The San Manuel Mine is apparent in this image, the nearest mine facility appears to be tailings impoundments located approximately one mile south of the Property. Tiger Mine is visible on this map located nearly two miles west of the center of the Property.

The 2003 aerial photographs exhibit the Property in similar conditions to the prior photographs, however, the agricultural fields in the center of the Property appear to be in the process of reclamation by natural vegetation.

4.4.3. Property Tax Files

WestLand obtained the property tax maps and assessor detail available from the Pinal County Assessor website. The Property maps and assessor parcel details are included in **Appendix H**.

These maps show certain roadways at and in the vicinity of the Property, as well as mining claims in the vicinity. The majority of the land on the Property appears to be undeveloped open space, while the adjacent land west and south of the Property appears to be developed for commercial and residential use. The Property is currently considered vacant land with no assessed buildings.

4.4.4. Local Street Directories

Based on the largely rural setting of the Property and the size of the Property, WestLand did not conduct a city directory search.

4.4.5. Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps typically cover development in the first half of the 20th century. Considering the lack of development at the Property, WestLand did not commission a search for these maps.

4.4.6. Other Historical Sources

General Research on Mines in the Immediate Vicinity

WestLand reviewed data obtained from the USGS (2020)³ Mineral Resource Data System (MRDS), Arizona Geological Survey – Arizona Department of Mines and Mineral Resources (2017) and Mindat (2020) to obtain general information on the mines in the immediate vicinity of the Property. WestLand also conducted limited review of the large mine facilities located near the Property that were identified as an interest through topographic and aerial map review (i.e., Tiger Mine). Two mines were located at the Property through the EDR records search and one is within 0.25 mile of the Property. The following information includes summaries and excerpts taken from the USGS (2020) MRDS and Mindat (2020).

Metro Materials Globe—The Metro Materials Globe record has no address, is identified as a non-coal mining facility, and no environmental information regarding this facility is provided in the EDR report besides the plotted location which is not always accurate in the absence of an address. Based on review of MRDS records for mine locations, this record is likely affiliated with Clarks Gravel Quarry/Clark's Trucking Company, Fred L. Clark Trucking Company and/or a sand and gravel pit in the immediate area. Mining records from the Arizona Geological Survey indicate this facility was a producer of silica/sand and gravel. Records indicate operations from 1973 to approximately 2003. Review of the Pinal County Assessor Parcel Viewer and aerial imagery indicates that this record is most likely affiliated with parcels 306-07-0140 and 306-09-0040, which are currently co-owned by United Metro Materials Inc and Rinker Materials Corporation after a transfer of ownership in 2003. These parcels are offsite and adjacent to the Property. A sand and gravel operation does not generally warrant concern in connection to the known or suspected release of hazardous material or petroleum products.

New NGC Incorporated—The mine is identified north of the northeastern boundary of the Property and is identified by its owner as New NGC Incorporated. The site identification (ID) numbers for this record are: Deposit ID 10060185 (Feldman and Winkelman Gypsum Pits) and Deposit ID 10210233 (Feldman Quarry) and MAS/MILS identification number 0040210049 (Feldman Quarry). Land status data for this mine reports private ownership under National Gypsum and The Superior Companies (USGS 2020).

Mindat (2020) provides a summary for the Feldman and Winkelman Gypsum pits which indicates an existing surface mining operation where gypsum ore is drilled and blasted, then the broken gypsum is loaded and hauled to crushing plants. The operation is located in Sections 26, 27, and 28, Township

³ Accessed online August 7, 2020.

6 South, Range 16 East, about 3.25 miles south of Dudleyville, Arizona, on the east side of the San Pedro River, about 8.5 miles south of Winkelman, Arizona. This location is distant and downgradient from the Property. There is no known or suspected release associated with this record.

St. Cloud Mining Company—This mine, the White Cliffs Mine, is reported as a past producer of diatomite, bentonite, and gypsum-anhydrite. EDR incorrectly reports it on the Property. The ID numbers for this record are: Deposit ID 10060239 and MRDS ID TC10208. Ownership is currently listed as the University of Arizona and a chronological list of past ownership is as follows: White Cliffs Inc. (1989) and Arimetco International, Inc. (1992) (Mindat 2020).

Mindat (2020) identifies the White Cliffs Mine as a former surface gypsum and diatomaceous earth mine located in Sections 13 and 24, Township 9 South, Range 17 East, and in Sections 17-20, 29 and 30, Township 9 South, Range 18 East on the east bank of the San Pedro River about 2 miles downstream from Whitlock Wash. The mine property extends into Sections 17, 18, 20, 29 and 30, and into Sections 13 and 24, Township 9 South, Range 18 East. This facility is located several miles south and east of the Property. The mine produced from the 1920's to 1940's. Mindat further notes that workings include many small quarries that were put in during the 1960's. There is no known or suspected release of hazardous materials or petroleum products associated with this mine record.

Tiger Mine—William Ascarza published information on the Tiger Mine in the Arizona Daily Star in 2013 that used a variety of historical resources (Ascarza 2013). Tiger Mine is located southwest of Mammoth, and generally more than two miles west of the Property. Ascarza reports the town site of Tiger began in 1879. Years later, an ore body that became the Mammoth-St. Anthony Mine was discovered. A stamp mill was constructed along the San Pedro River, at the townsite of Mammoth, to increase water accessibility. By the early 1900s, an aerial tramway was established to supply the mill with ore from the mine and is depicted on the 1911 topographic map; the tramway was removed by 1948. Ascarza reports the mine produced a variety of metals from the 1880s to the 1950s including gold, molybdenum, vanadium, lead, silver, and zinc. The town site and surrounding mines were taken over by Magma Copper Co. in 1953. The town of Tiger has since disappeared, and the mines were flooded. Magma Copper Co. attempted to acquire gold and silver bearing silica flux at the Tiger site for the San Manual smelter. As of 2013, the mine was owned by BHP Billiton and undergoing reclamation. Mine names include Mohawk, Collins, and Mammoth. Production is reported to have included 400,000 ounces of gold, 1 million ounces of silver, 3.5 million pounds of copper, 75 million pounds of lead, 50 million pounds of zinc, 6 million pounds of molybdenum oxide, and 2.5 million pounds of vanadium oxide.

During WestLand's review of the EDR records, it was noted the "Tiger Tailings Dump" also appeared to be plotted on the Property. However, through a more detailed records review of the USGS metadata, it was revealed this facility is actually located in Township 8 South, Range 16 East within Section 26; which is situated with the other Tiger Mine affiliated records west of the Property and not at the Property.

Other Land Use Historical Information

WestLand reviewed a recent cultural resource inventory report available for the Property which includes archaeological research and results of prior records searches (WestLand 2017b). The historical map review for the cultural resource inventory report revealed numerous cultural resources within the Property. The review also revealed the long history of the area as a transportation corridor, and for ranching, and homesteading during the late nineteenth and twentieth centuries. The earliest maps of the Property, GLO plats from 1878, show the fledging transportation corridor in the San Pedro River Valley with a road following the base of the river terraces on the northeastern bank of this river. By this time, a few settlers had taken residence and further development of the Property continued during the early decades of the twentieth century. By 1949, the road system has expanded to include the original route of ST 77 (west of the Property), which used several preexisting road segments and a river crossing. The road system is shown as expanding to include access to several new ranching features including a large tank, two wells and one artesian well (hot). While several structures shown on earlier maps are no longer depicted, new structures and utilities are shown, including an electrical transmission line, and a telephone line.

5. SITE RECONNAISSANCE

On July 14, 2020, WestLand engineer, Patrick Mette and environmental specialist, Samantha Blonder, performed a field reconnaissance to assess existing environmental conditions for the Property. Photographs documenting pertinent features are provided in **Appendix A**. The approximate photograph locations are shown in **Figure 4**.

5.1. METHODOLOGY AND LIMITING CONDITIONS

Prior to conducting the site reconnaissance, WestLand reviewed current and historical aerial photographs and topographic maps (described in **Section 4**) to identify the location of any suspect areas, including roadways, cleared areas, disturbed soils, and structures. Areas of known concentrated human activity were assessed in more detail because these areas presented the greatest potential for impacts by hazardous materials and petroleum products.

During the site reconnaissance, WestLand evaluated the suspect areas of site disturbance through vehicular and pedestrian surveys. WestLand's reconnaissance included the Property, as well as observations of the adjoining properties from publicly accessible areas. Field observations were consistent with the findings of WestLand's historical review of the Property and surrounding properties.

WestLand's reconnaissance was limited to Resolution-owned property, accessible with permission from Resolution, and areas reached through publicly accessible detours from public roads. In all instances practicable, WestLand took the opportunity to visually inspect off-road areas throughout the Property. WestLand was provided with the combination to locks on gates along fence lines to access certain portions of the Property.

Due to the large amount of undeveloped land throughout the property, "spot-check" methodology was used to investigate the dense mesquite bosque of the San Pedro River Valley. Most likely, instances of wildcat dumping are thought to occur at reasonably accessible locations; hence the inspection of rural unpaved roads. Due to the size of the Property and obscurity presented by heavy vegetation in the bosques, it should not be assumed that all instances of wildcat dumping were observed during the onsite reconnaissance or noted herein.

Site reconnaissance does not provide information regarding potential sources of contamination below the ground surface. However, in cases of subsurface contamination, aboveground indicators such as obvious stress to plant life or staining are noted. All findings are based on observations, information collected, conditions during the site visit. A change in those conditions may alter the findings and conclusions of this report.

5.2. INDICATIONS OF PAST USES OF THE PROPERTY

The Property has historically been used for farming, grazing, hunting, and recreational activities. Physical evidence of past use of the Property includes pipelines, and structures. Corrals, troughs, and stockade fences, all of which have been abandoned, are evidence of past residential and ranching uses on the Property.

A portion of the Property was formerly cultivated from at least 1945 through the mid-1990's. Lead and arsenate (arsenic) pesticides and defoliants were historically used on certain crops in Arizona. It is unknown if routine agricultural application of pesticides has occurred on the Property, therefore, it is possible that pesticide residuals may be present in the formerly cultivated soils on the Property. During the site visit, WestLand did not observe any indication of bulk chemical storage areas or indications of pesticide spills, releases, or accumulations such as ground staining or discoloration near outbuildings and storage areas or low-lying drainage areas.

The Property is currently being managed largely as open space. An on-site storage unit is used for the Property manager's gear. A 1.2-mile-long walking trail for public access is located on the Property south of Copper Creek Road. Recreational activities, such as off-road vehicle use, occurs on the river bottom. A shooting range, managed by the Lions Club, is located on Copper Creek Road, approximately 0.1 mile east of South River Road. This portion of land (an approximately 10-acre inholding) is deeded to the Lion's Foundation and excluded from the Property. The Lion's Foundation has several grants with the Arizona Game and Fish Department for managing the site. Concerns associated with shooting ranges includes lead in soils from spent bullets. However, considering the shooting range is on adjoining land and is likely managed with good housekeeping practices, it is not considered an environmental concern for the Property.

5.3. EXTERIOR OBSERVATIONS

5.3.1. Hazardous Substances and Petroleum Product Containers in Connection with Identified Uses

No hazardous substances and petroleum product containers in connection with identified uses were observed at the Property. A shooting range and public toilet is located on a private inholding on land immediately adjoining the Property. Shooting ranges can be a concern due to the accumulation of lead in soils.

5.3.2. Hazardous Substance and Petroleum Product Containers Not in Connection with Identified Uses

Previously, WestLand noted dried paint products in open 5-gallon containers, as well as various large appliances just south of East Copper Creek Road and east of Mammoth. The containers and appliances were no longer present on the Property as of April 2017. A large piece of asbestos concrete pipe was observed onsite in 2017 but was not located in 2020. No other hazardous substances and

petroleum product containers not in connection with identified uses were observed at the Property or on land immediately adjoining the Property.

5.3.3. Storage Tanks (Aboveground and Underground)

No indications of above- or underground storage tanks potentially used for hazardous substances or petroleum products were observed on the Property or on adjoining properties. A water storage tank was observed in the vicinity of the old residential structure (**Appendix A, Photo 18**).

5.3.4. Unidentified Substance Containers

No unidentified substance containers were observed on the Property or on adjoining properties during the site reconnaissance.

5.3.5. Drums

No drums were observed on the Property or on adjoining properties during the site reconnaissance.

5.3.6. Odors

No strong, pungent, or noxious odors were detected on the Property or on adjoining properties during the site reconnaissance.

5.3.7. Pools of Liquid, Pits, Ponds, or Lagoons

No pools of liquid, pits, ponds, or lagoons were observed on the Property. An artesian well is located near the southern boundary of the Property, and was observed during the 2020 site visit. It feeds a small stretch of flowing water and riparian habitat in the vicinity.

A WWTP is located directly adjacent to the Property near the northern portion of the Property between Camino Rio Road and SR 77. The WWTP includes treatment lagoons (**Appendix A, Photo 8**), as described in **Table 1**. Aerial photography of this area shows that an overflow pond from the Cielo WWTP encroaches onto the Property; while it seems to be rarely used, it has created a land disturbance on the Property and was noted to be filled in 2007.

5.3.8. Wastewater

No features associated with wastewater storage and disposal were observed on the Property during the site reconnaissance. A WWTP is located immediately adjacent to the Property near the northern portion of the Property between Camino Rio Road and SR 77. The WWTP includes treatment lagoons (**Appendix A, Photo 8**), as described in **Table 1**. Aerial photography of this area shows that an overflow pond from the Cielo WWTP encroaches onto the Property; while it seems to be rarely used, it has created a land disturbance on the Property and was noted to be filled in 2007.

5.3.9. Septic Systems

No evidence of septic systems was observed on the Property during the site reconnaissance. One septic system was found in 2019 as part of cleanup efforts at the Property and properly closed and removed as part of the effort (WestLand 2020). No septic systems were observed on the Property during the site reconnaissance.

5.3.10. Wells

Three wells (including the artesian well) were observed at the Property during the site visit (**Appendix A, Photos 13 and 22**). Previously more wells were located on the Property, in 2019 as part of cleanup efforts at the Property, several unused wells were properly abandoned in accordance with ADWR requirements (WestLand 2020).

5.3.11. Stained Soil or Pavement

No stained soil or pavement was observed on the Property or adjoining properties during the site reconnaissance.

5.3.12. Stressed Vegetation

Vegetation across the Property appeared to be in good health. There was no indication of stressed vegetation on the Property or adjoining properties likely attributed to hazardous substances, or petroleum products.

5.3.13. Solid Waste Disposal

The Resource Conservation Recovery Act (RCRA) was enacted by Congress in 1976 and amended in 1984. RCRA's primary goal is to protect human health and the environment from the potential hazards of waste disposal. Unauthorized solid waste disposal provides the potential for hazardous and regulated substances to impact a property in the absence of waste-generating activities.

Unauthorized (i.e., wildcat) dumping or disposed material previously observed at the Property included a tire dump site of approximately 200 tires and a dump site with appliances, large metal structures, paint buckets, and various other metal and concrete material. The large wildcat dumping areas were on the western boundary of the site adjacent to Mammoth. Based on interviews with the site manager, the large dump site was cleaned up in cooperation with Mammoth following the first site visit. The disposed material observed at the large dump site was no longer present on the Property as of April 2017. A cleanup effort was initiated by Resolution to improve the quality of Lower San Pedro River Parcel, this included removing trash and remnants of structures, abandoning wells following ADWR procedures, demolishing unsafe homestead structures, and making areas more wildlife friendly (WestLand 2020).

Other solid waste disposal throughout the majority of the site was minimal and limited to minor quantities of scattered inert solid waste (Appendix A, Photos 2, 5, and 14).

5.3.14. PCB Equipment

Historically, electrical transformers contained a cooling liquid that had PCBs. If present, electrical transformers or hydraulic equipment could provide the potential for release of PCBs onto the Property. In 1984, manufacturers began producing non-PCB transformers that contain less than 50 parts per million of PCBs.

A single-pole mount electric transformer was observed at the Property (**Appendix A, Photo 16**). However, no other PCB equipment was observed at the Property and the transformer was observed to be in good condition.

5.4. INTERIOR OBSERVATIONS

Not applicable.

6. INTERVIEWS

6.1. INTERVIEWS WITH OWNER

The Property Owner and report User is Resolution who provided relevant information about the Property through completion of the User Questionnaire (**Appendix B**). Resolution referred WestLand to the site manager (The Nature Conservancy) for detailed questions regarding the Property.

6.2. INTERVIEWS WITH MANAGER/OCCUPANTS

On August 11, 2020, WestLand interviewed Celeste Andresen of the Nature Conservancy at (520) 609-3420 and candresen@tnc.org. Ms. Andresen is the acting site manager for the Property on behalf of Resolution and has been working with The Nature Conservancy at the Property since 2009. She was interviewed over the phone and provided an updated questionnaire (**Appendix B**). A report summarizing recent cleanup efforts undertaken by Resolution at the Property (WestLand 2020) states that in 2019, Resolution engaged Oddonetto Construction, Inc. and Far West Pump Company to assist with:

- Abandoning several unused wells (in accordance with ADWR requirements);
- Removing materials from a pit/trench which was used as a small solid waste landfill at the Property;
- Removing discarded building materials, barb wire and other inert trash; and
- Fencing or removing several old structures that may present a safety hazard.

Ms. Andresen indicated that other than the solid waste cleanup efforts at the Property, there had been no substantive changes to the Property condition since 2016.

Ms. Andresen has described the current use of the Property as open space and reported that grazing is not permitted. There is a public trail and the river bottom is often used by recreationalists but otherwise, use is restricted to wildlife research. She previously reported she uses a "mobile mini" container for storage of equipment at the Property but she is not aware of any bulk storage of hazardous substances or petroleum products at the Property in containers larger than 5 gallons.

Ms. Andresen reported there are likely several wells located at the Property. Two wells are monitored monthly by The Nature Conservancy. She reported, as of 2016, two other wells she is aware of have been filled in. The recent cleanup effort (WestLand 2020) indicates that six well sites were recently abandoned. Two wells were not found during the cleanup efforts.

6.3. INTERVIEWS WITH LOCAL GOVERNMENT OFFICIALS

WestLand contacted the Pinal Rural Fire Rescue on August 11, 2020, at chiefapodoca@gmail.com and at (520) 465-5300, and requested incident reports for the area relating to any releases of hazardous

substances or petroleum products. As of the date of this report, a response from the Fire Department has not yet been received. In 2016, the fire department reported they were not aware of any such releases on or in the immediate vicinity of the Property.

6.4. INTERVIEWS WITH OTHERS

No other individuals were interviewed as part of this investigation.

7. FINDINGS AND OPINIONS

Based on the findings of the environmental records search, historical review, physical setting of the Property, site reconnaissance of the Property, prior reports, and interviews, WestLand provides the following findings and opinions pertaining to the Property:

- On June 25, 2020, WestLand engaged Environmental Data Resources (EDR), to conduct a search of available land title records for environmental liens and activity and use limitations (AULs) for the Property. A search was completed for Pinal County APNs: 307050020, 307050060, 307050050, 307050040, 306250060, 306070080, 306250010, 306070060, 306070050, 30607004A, 30614001A, 306330090, 30607002C, 30607002D, 306090030, 306030020, 30607003A, and 306330100. No records of environmental liens or AULs associated with the Property were identified. There were no title records reviewed that indicated a REC in connection to the Property.
- The report User previously provided copies of title documents as part of prior inquiry efforts associated with the Property, exclusive of any environmental lien or AUL information that may exist. These documents included a Commitment for Title Insurance along with a Schedule B that lists title insurance exceptions (i.e., easements, rights-of-way, and other restrictions). None of the information in these title documents appear to identify a use or condition that suggests known contamination at the Property.
- WestLand contracted with Environmental Data Resources, Inc. (EDR) to conduct an electronic search of regulatory agency databases for references to the Property and vicinity. The database search was conducted on June 18, 2020, and included standard federal, tribal, state, local, and supplemental database records, as well as EDR proprietary database records. Several sites of interest were identified within the searched distance from the Property, and a detailed REC evaluation was conducted for each (see Section 4.1, Table 1). Those sites that indicate a REC for the Property are listed as follows:
 - Phoenix Fuel (River Road and Arizona State Highway 77 [SR 77])—A spill of diesel fuel was reported from a tank at this site in 1994 in the amount of 2-2,500 gallons. While it is likely that this spill was remediated as it was reported to an agency, there is no specific record indicating that it was addressed. Considering the release occurred at the Property boundary, there is potential that this release impacted soils at the Property.
 - This facility is immediately adjacent to the Property. The Cielo WWTP has a surface water discharge permit and Aquifer Protection Permit (APP) for infiltration ponds. The Town of Mammoth operates a wastewater treatment facility under APP Number P-101690 as well as an APP (P-105647) and an Arizona Pollutant Discharge Elimination System (AZPDES) Permit (AZ0025470) for the Cielo WWTP. Considering this facility is located directly upgradient of portions of the Property in terms of groundwater flow, it is possible that discharges from this facility could impact groundwater beneath the Property. The

facility is also permitted as an AZPDES, Individual Permit, Minor WWTP Facility. The Cielo WWTP is authorized to discharge to ephemeral washes tributary to San Pedro River on land adjoining the Property, though there is no record of any actual releases. Aerial photography of this area shows that an overflow pond from the Cielo WWTP encroaches onto the Property; while it seems to be rarely used, it has created a land disturbance on the Property and was noted to be filled in 2007. Any releases of pollutants directly upgradient of the Property would be authorized under the facility's APP or AZPDES.

The EDR Orphan Summary list included in the EDR report identifies eight records associated with unmappable sites ("orphan" sites) in the vicinity of the Property (Copper Creek, Mammoth, and unincorporated Pinal County). These sites are unmappable due to inadequate information about their location. Based on WestLand's research of this list, these sites would not likely indicate an environmental concern for the Property due to the nature of the listings and/or their distance from the Property (i.e., greater than 1 mile).

- Phase I ESAs were previously conducted for the Property by WestLand in July 2003 (WestLand 2003b) and September 2017 (WestLand 2017a). The 2003 Phase I ESA concluded that there were no RECs for the Property and that soil staining and wildcat dumping were the only housekeeping issues identified for the Property. The 2017 Phase I ESA concluded that no evidence of RECs in connection with the Property except:
 - The known fuel release associated with Phoenix Fuel at River Road and SR 77, generally at the northeast Property boundary. As noted above, there is no record that this release of 2-2,500 gallons was cleaned up.
 - A leaking underground storage tank (LUST) located at Pinal County assessor parcel number 306-13-121, on land immediately upgradient from the Property, with no indication that the record was closed. Current records review indicates that the LUST site is now closed.
 - The Town of Mammoth Cielo WWTP, immediately adjacent to the Property, with permits to discharge pollutants to the aquifer and surface water immediately upstream of the Property, as described above.
 - A dry-cleaning operation located at 221 Main Street on land directly upgradient of the Property. This operation is no longer listed in the 2020 EDR report. The dry-cleaning operation is no longer in business, has no record of known spills or contamination, and was located approximately 0.12 miles away from the Property boundary so is not considered a REC at this time.
 - Arizona Department of Environmental Quality (ADEQ) classification of this reach of the San Pedro River as "inconclusive" regarding attainment of water quality standards for designated uses as several exceedances were recorded.

- A portion of the Property which was formerly cultivated from at least 1945 likely through the mid-1990's, with unknown/possible use of agricultural pesticides (i.e., lead and arsenate [arsenic]).
- Wells in the vicinity of the Property containing high sulfate, sodium, arsenic and/or fluoride concentrations, due to potential for regional groundwater contamination above safe drinking water levels in aquifers under the Property.
- The Lower San Pedro River parcel is characterized by elongated mountain ranges trending northwest-southeast, separated by broad alluvial valleys. Elevations range from 2,600 feet amsl towards 2,300 feet amsl. The Property is generally undisturbed river bottom land and upland areas on bluffs on the north side of the river.
- The Property is located in the northern portion of the Lower San Pedro River surface water basin and includes portions of the river itself, the adjoining floodplain, and adjacent upland areas. Several segments of the San Pedro Watershed are identified as impaired for E. coli and copper on the 303(d) List of Impaired Waters and in 2013, a downstream segment of the San Pedro was recognized due to E. Coli conditions resulting from stormwater runoff and a TMDL was completed (ADEQ 2015). The E. coli contamination is likely a controlled REC due to the Cielo WWTP.
- There are 13 registered wells within the Property (ADWR 2020). Two wells onsite that are monitored by The Nature Conservancy indicate that groundwater levels were less than 35 feet below the ground surface during the monitoring period of January to October 2010 (The Nature Conservancy 2016). According to ADWR (2009), groundwater water quality data from selected sites within Lower San Pedro Groundwater Basin in the vicinity of the Property show that fluoride and arsenic were the parameters that most frequently exceeded drinking water standards. It is possible the groundwater under Property has an elevated level of fluoride exceeding its current drinking water standard.
- The Property's historical use includes open space, research, and former residential and agricultural uses (i.e., abandoned structures and corrals). Evidence of recreational use of vehicles can be seen in the riverbed on the Property.
 - The Property was formerly cultivated from at least 1945 through the mid-1990's. Lead and arsenate (arsenic) pesticides and defoliants were historically used on certain crops in Arizona. It is unknown if routine agricultural application of pesticides has occurred on the Property; therefore, it is possible that pesticide residuals may be present in the formerly cultivated soils on the Property. During the site visit, WestLand did not observe any indication of bulk chemical storage areas or indications of pesticide spills, releases, or accumulations such as ground staining or discoloration near outbuildings and storage areas or low-lying drainage areas.

Highlights from review of historical topographic and aerial maps indicate several mining and sand and gravel operations in the vicinity of the Property including the San Manual Mine to

the south, the Tiger Mine, located more than 2 miles west, and various mine prospects and general long-term mining exploration and processing in the area is well known.

The town of Mammoth, generally west of the Property along the west boundary, has grown from a small town with municipal buildings and a cemetery to numerous residences, businesses and utilities including a wastewater treatment facility.

- On July 14, 2020, WestLand environmental specialists performed a site reconnaissance to assess existing environmental conditions for the Property. Field observations were consistent with the findings of WestLand's historical review of and interviews about the Property and surrounding properties.
- The Property has historically been used for farming, grazing, hunting, and recreational activities. Physical evidence of past use of the Property includes wells, pipelines, and various structures. Corral areas, troughs, and stockade fences, all of which have been abandoned, are evidence of past residential and ranching uses on the Property. The Property is being managed as open space by the Nature Conservancy on behalf of the current owner. An on-site storage unit is used for the Property manager's gear.

A 1.2—mile long trail for public access is located on the Property south of Copper Creek Road. Recreational activities, such as off-road vehicle use occurs on the river bottom. A shooting range, managed by the Lions Club, is located on Copper Creek Road, approximately 0.1 mile east of South River Road.

No hazardous substances and petroleum product containers not in connection with identified uses were observed at the Property or on land immediately adjoining the Property during the site visits.

No evidence of septic systems was observed on the Property during the site reconnaissance. One septic system was found in 2019 as part of cleanup efforts at the Property and was properly closed and removed (WestLand 2020). Any additional septic systems, if present, are likely associated with residential use and are not considered a REC.

• The User reported that wildcat dump cleanups occurred soon after Resolution acquired the Property. Several hundred tons of non-hazardous trash was reportedly removed. The User reported that the site has been used for agriculture (i.e., growing crops, raising farm animals, and some grazing) and that herbicides and/or insecticides may have been used during this time. The User also reported that large, discarded mine haul truck tires were previously located near the west portion of the Property along Copper Creek No other commonly known or reasonably ascertainable information relevant to potential RECs was provided by the User.

8. CONCLUSION

WestLand has performed this Phase I ESA in conformance with the scope and limitation of ASTM E 2247-16 for the Property. This assessment has revealed no evidence of REC in connections with the Property except:

- Phoenix Fuel (River Road and SR77)—There is no record that a spill of 2-2,500 gallons of diesel fuel from a tank at this site in 1994 was ever cleaned up. Considering the release occurred at the Property boundary, there is potential that this release impacted soils at the Property and is therefore considered a REC. At the time of this report's completion, there is an outstanding request to ADEQ for additional information on this record. If additional records are found that report the release has been adequately remediated, this record would be considered a historical REC.
- The Town of Mammoth Cielo WWTP,— This facility immediately adjacent to the Property, is authorized to discharge pollutants pursuant to an AZPDES and an APP. Aerial photography of this area shows that an overflow pond from the Cielo WWTP encroaches onto the Property; while it seems to be rarely used, it has created a land disturbance on the Property and was noted to be filled in 2007. Any releases of pollutants directly upgradient of the Property would be permitted under the facility's APP or AZPDES, and is considered a controlled REC.
 - A portion of the Property was formerly cultivated from at least 1945 through the mid-1990's. Lead and arsenate (arsenic) pesticides and defoliants were historically used on certain crops in Arizona. It is unknown if routine agricultural application of pesticides has occurred on the Property, therefore, it is possible that pesticide residuals (i.e., chlorinated pesticides, arsenic and lead) may be present in the formerly cultivated soils on the Property. The potential soil contamination from agricultural chemical use is considered a REC but would be consistent with other historic agricultural land use in the vicinity.

9. DEVIATIONS

The purpose of reviewing historical sources is to develop a history of the previous uses of a property and surrounding area in order to help identify past uses that may have led to RECs in connection with the Property. According to the ASTM standard, obvious uses of a property shall be identified from the present back to the property's first developed use, or back to 1940, whichever is earlier. This requires reviewing only as many standard historical sources as are reasonably ascertainable and likely to be useful.

There were no data gaps or data failures and/or limitations likely to affect the conclusions regarding the identification of RECs for the Property (e.g., site access limitations, physical obstructions to observations, outstanding information requests, historical data failure, etc.) with the exception of the lack of response from the local fire department for records since 2016. However, considering the known history of the site, updated interview with the site manager, and results of the site reconnaissance and other completed research, this assessment is considered complete.

On August 6, 2020, WestLand contacted Colleen Bergmanis, representative for the BLM at cbergmanis@blm.gov and via telephone, and requested that the User Questionnaire be completed for the Property in support of the Southeastern Land Exchange and Conservation Act of 2013. As of the date of this report, a returned questionnaire has not yet been received. If the User Questionnaire is received after this report is finalized, it may be incorporated into the Phase I ESA report as an addendum to assist the BLM in qualifying for landowner liability protections.

10. ADDITIONAL SERVICES

No additional services beyond the standard ASTM scope were considered as part of this assessment.

II. QUALIFICATIONS AND SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

Mark F. Taylor, P.E. believes that, to the best of his professional knowledge, he meets the definition of "environmental professional" as defined in §312.10 of 40 CFR 312. Mark Taylor possesses the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject Property. He has developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

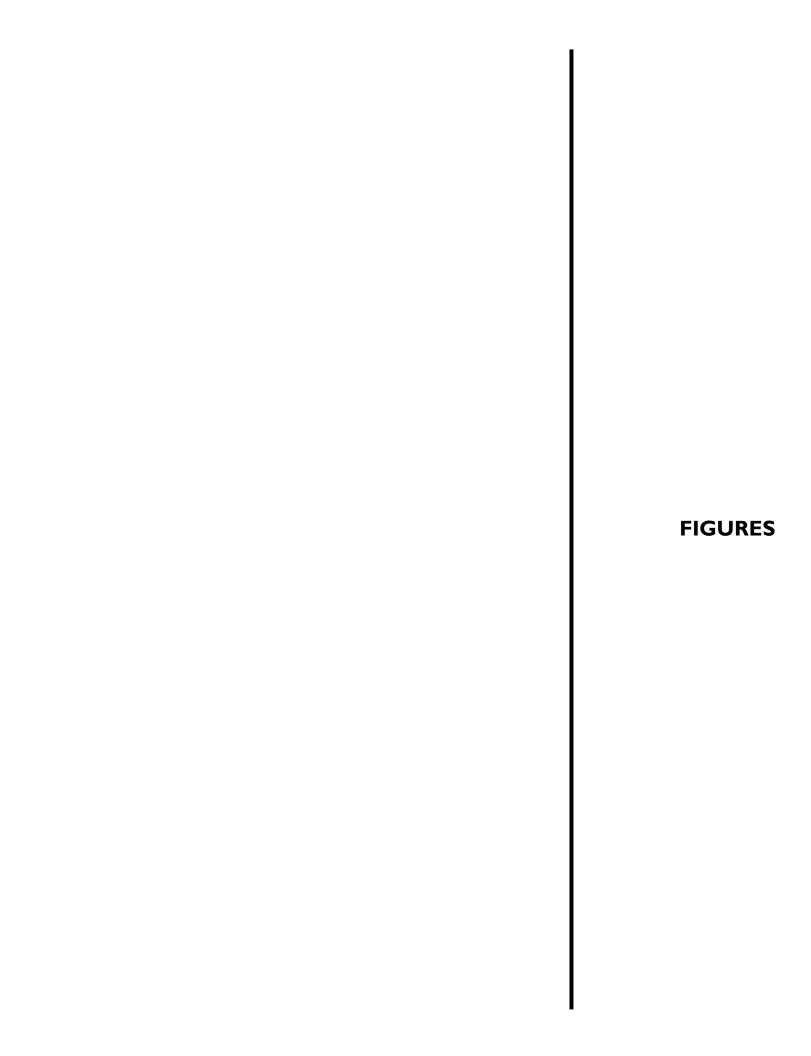
Mark Taylor is the leading environmental professional assigned to perform project oversight for this Phase I ESA. Patrick Mette and Samantha Blonder conducted the site reconnaissance. Diana Sandoval conducted the interviews, regulatory inquiries, and historical research. Christopher Rife reviewed the findings in this report. Their work was conducted under the supervision of the above-named environmental professional. Mark Taylor reviewed, interpreted, and declared the information included in this report as complete. Resumes for the key individuals participating in the preparation of this report are provided in **Appendix I**.

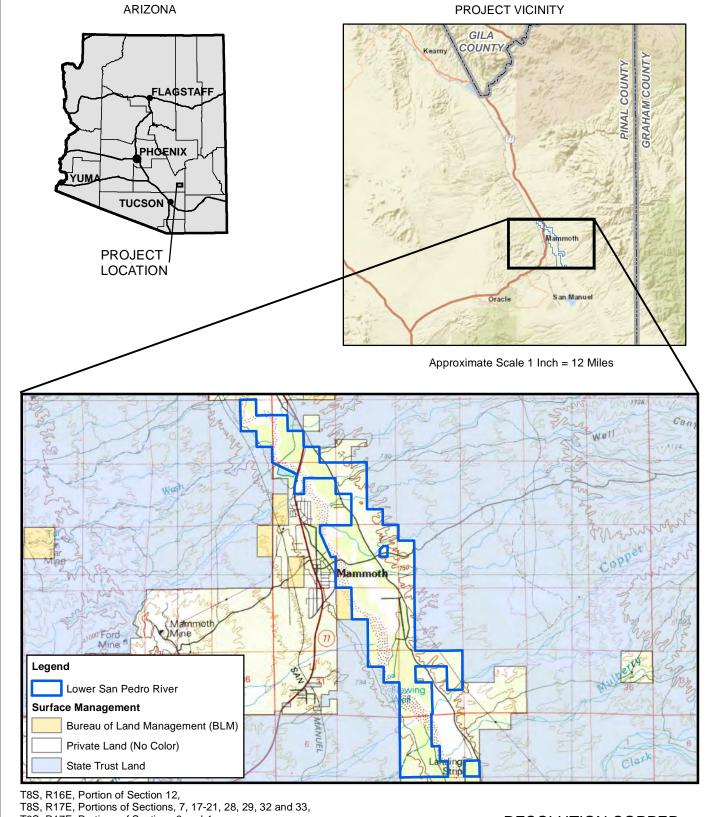
MILLE	
//ld.119lm	09/23/2020
Mr Mark F Taylor P E	Date

12. REFERENCES

- American Society for Testing and Materials. 2016. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property. ASTM E2247-16. Conshohocken, Pennsylvania: ASTM International, West.
- Arizona Department of Environmental Quality. 2002. Ambient Groundwater Quality of the Lower San Pedro Basin: a 2000 Baseline Study. Phoenix, Arizona. July 2002.
- _____. 2015. 2012/14 Status of Water Quality Arizona's Integrated 305(b) Assessment and 303(d) Listing Report. August 2015.
- Arizona Department of Water Resources. 2009. Arizona Water Atlas Volume 3 Southeastern Arizona Planning Area. Phoenix, Arizona. June 2009.
- _____. 2015. Groundwater Hydrology of the Salt River Basin. March 2015.
- _____. 2020. "Arizona Wells Registry (Wells55)." https://gisweb3.azwater.gov/WellReg#. Arizona Department of Water Resources.
- Arizona Geological Survey. 2017. Arizona Department of Mines and Mineral Resources Mining Collection.
- Ascarza, William. 2013. "Mine Tales Tiger Mines Once Thrived Near Today's Mammoth." *Arizona Daily Star*, June, 2013.
- Mindat. 2020. "Mineral and Locality Database." http://www.mindat.org/.
- Soil Survey Staff. 2020. "Web Soil Survey." U.S. Department of Agriculture. https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx.
- Spencer, Jon E., and Stephen M. Richard. 2015. Index of Geologic Maps Available from the Arizona Geological Survey. *Open-File Report 15-01, version 1.2*: Arizona Geological Survey.
- The Nature Conservancy. 2016. 7B Ranch Management Plan (Original December 2010; Amended October 2016). Arizona Field Office. Oct 2016.
- U.S. Fish and Wildlife Service. 2020. "Wetlands Mapper National Wetlands Inventory." https://www.fws.gov/wetlands/data/Mapper.html.
- U.S. Geological Survey. 2020. "Mineral Resources Online Spatial Data." U.S. Department of the Interior. https://mrdata.usgs.gov/general/map-us.html.
- WestLand Resources, Inc. 2003a. Ecological Overview: San Pedro River Parcel, Pinal County, Arizona. Prepared for Resolution Copper Company. September, 2003.
- ______. 2003b. Phase I Environmental Site Assessment: 3,500-Acre San Pedro River Site Pinal County, Arizona. *Prepared for Resolution Copper Company*. Tucson, Arizona: WestLand Resources, Inc. July 2003. 75 pp.

2004. Wetlands and Floodplains Report. <i>Prepared for Resolution Copper Company</i> . Tucson, Arizona: WestLand Resources, Inc. October 2004.
 2017a. Phase I Environmental Site Assessment Non-Federal Parcel, Lower San Pedro River Pinal County, Arizona. <i>Prepared for Resolution Copper</i> . Tucson, Arizona: WestLand Resources, Inc. November 2017. 230 pp.
 2017b. A Cultural Resources Inventory Of 3,125 Acres Of Private Land Along The Lower San Pedro River Near Mammoth, Pinal County, Arizona. Tucson, Arizona. April, 2017.
2020. Technical Memorandum Lower San Pedro River Parcel Cleanup Status Review. Tucson, Arizona. January, 2020.



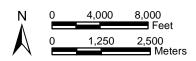


T9S, R17E, Portions of Sections 3 and 4,

Pinal County, Arizona

Mammoth USGS 1:100,000 Quadrangle (1986) Surface Management: BLM 2019, WRI modified 2019 Image Source: ArcGIS Online, World Street Map

WestLand Resources



RESOLUTION COPPER

Phase I ESA for Lower San Pedro River

VICINITY MAP Figure 1

T8S, R16E, Portion of Section 12,

Index Well

T8S, R17E, Portions of Sections, 7, 17-21, 28, 29, 32 and 33, T9S, R17E, Portions of Sections 3 and 4,

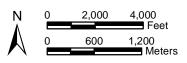
Lower San Pedro River

Pinal County, Arizona

Data Source: ADWR, Groundwater Site Inventory 01/07/2020

Image Source: USDA NAIP 2019

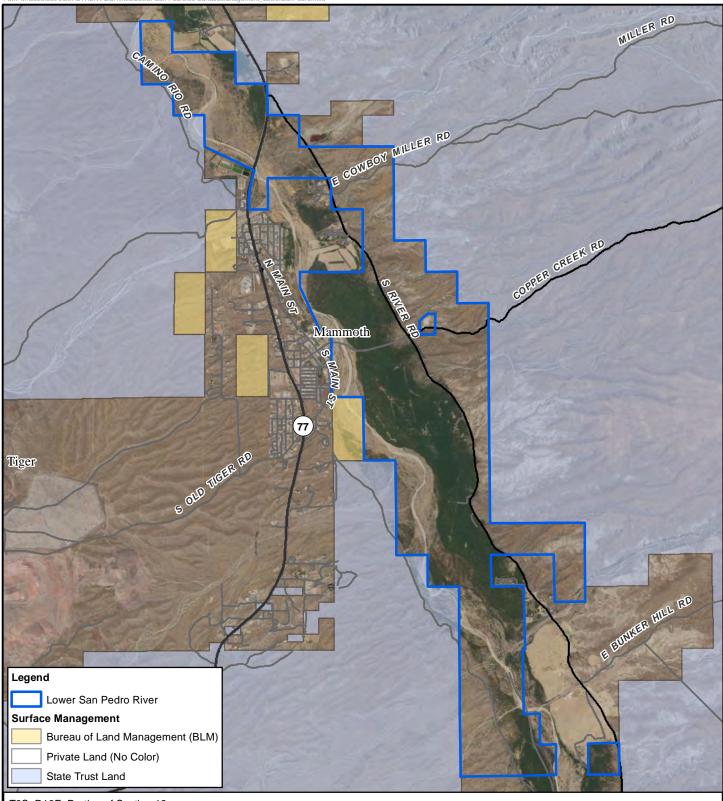




RESOLUTION COPPER

Phase I ESA for Lower San Pedro River

AERIAL OVERVIEW WITH ADWR REGISTERED WELLS Figure 2



T8S, R16E, Portion of Section 12,

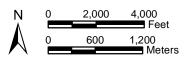
T8S, R17E, Portions of Sections, 7, 17-21, 28, 29, 32 and 33, T9S, R17E, Portions of Sections 3 and 4,

Pinal County, Arizona

Surface Management: BLM 2019, WRI modified 2019

Image Source: USDA NAIP 2019





RESOLUTION COPPER

Phase I ESA for Lower San Pedro River

SURFACE MANAGEMENT Figure 3

T8S, R16E, Portion of Section 12,

T8S, R17E, Portions of Sections, 7, 17-21, 28, 29, 32 and 33, T9S, R17E, Portions of Sections 3 and 4,

Pinal County, Arizona Image Source: USDA NAIP 2019

2,000 4,000 ■ Feet 1,200 Meters 600

RESOLUTION COPPER

Phase I ESA for Lower San Pedro River

SITE RECONNAISSANCE MAP WITH SELECT FEATURES Figure 4



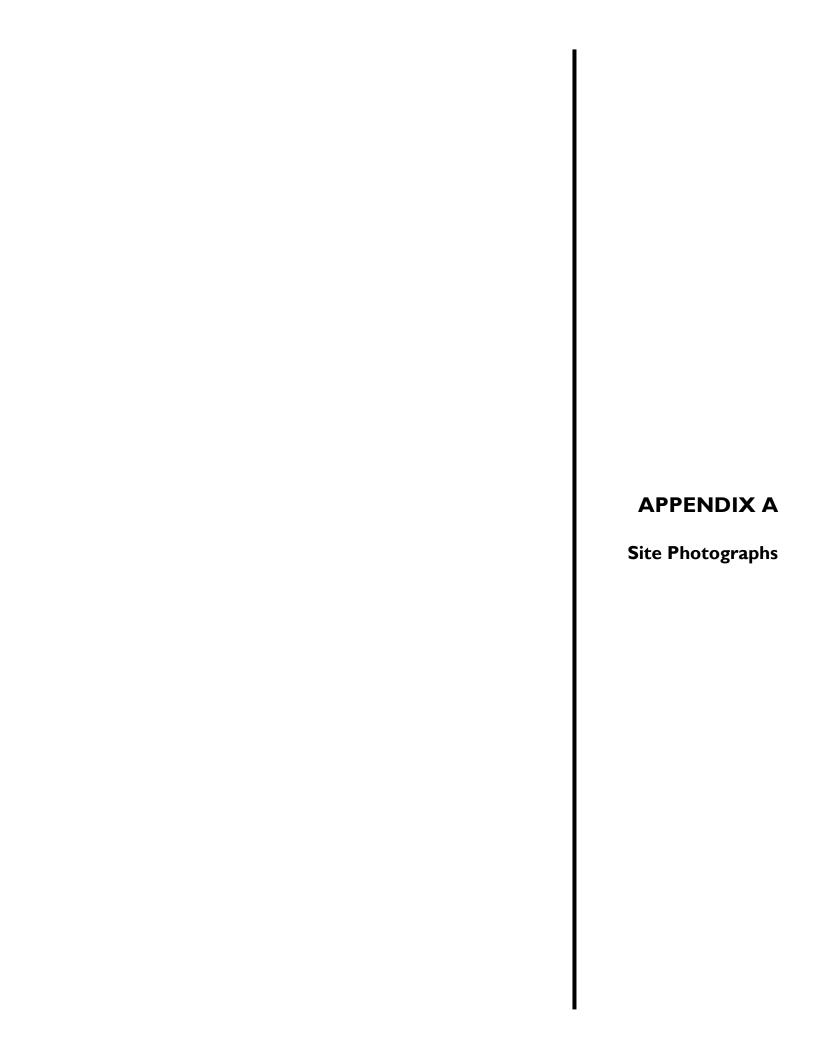




Photo 1. Overview of the Property on the northern side of the Property.



Photo 2. Scattered trash along the northside of the Property.



Photo 3. Fencing restricting access to Property along the San Pedro River.





Photo 4.

Large watering trough along the San Pedro River.



Photo 5.Remnants of ranching structures off of S. River Road.



Photo 6.Aggregate stockpiles on land adjacent to Property, located near a quarry operation (Metro Materials Globe).





Photo 7. Fencing for corral area off of S. River Road.



Photo 8.

Overview of the Town of Mammoth- Cielo Wastewater Treatment Plant.



Photo 9. Fencing depicting the Property boundary along S. River Road.





Photo 10.

Lion's Club shooting range located on adjoining property; located on 10-acre inholding is excluded from the Property.



Photo 11.

Entrance to the 7B Ranch Recreation Trail off of Copper Creek Road.



Photo 12.

Aggregate material off of Copper Creek Road.





Photo 13. Well casing with locking cap.



Photo 14. Scattered trash along the Copper Creek Road.



Photo 15.
Remnants of housing structure.
Cement walkway/foundation next to corral area.





Photo 16. Single-pole mount transformer.



Photo 17.Pipe embedded in foundation/walkway, possibly from a structural element (fence posts, etc.). One of several in the foundation.



Photo 18. Water tank.





Photo 19. The Nature Conservancy's mobile storage



Photo 20. Remnants of ranching structures.



Photo 21. Old corral area.





Photo 22. Well structure with locking cap on casing.

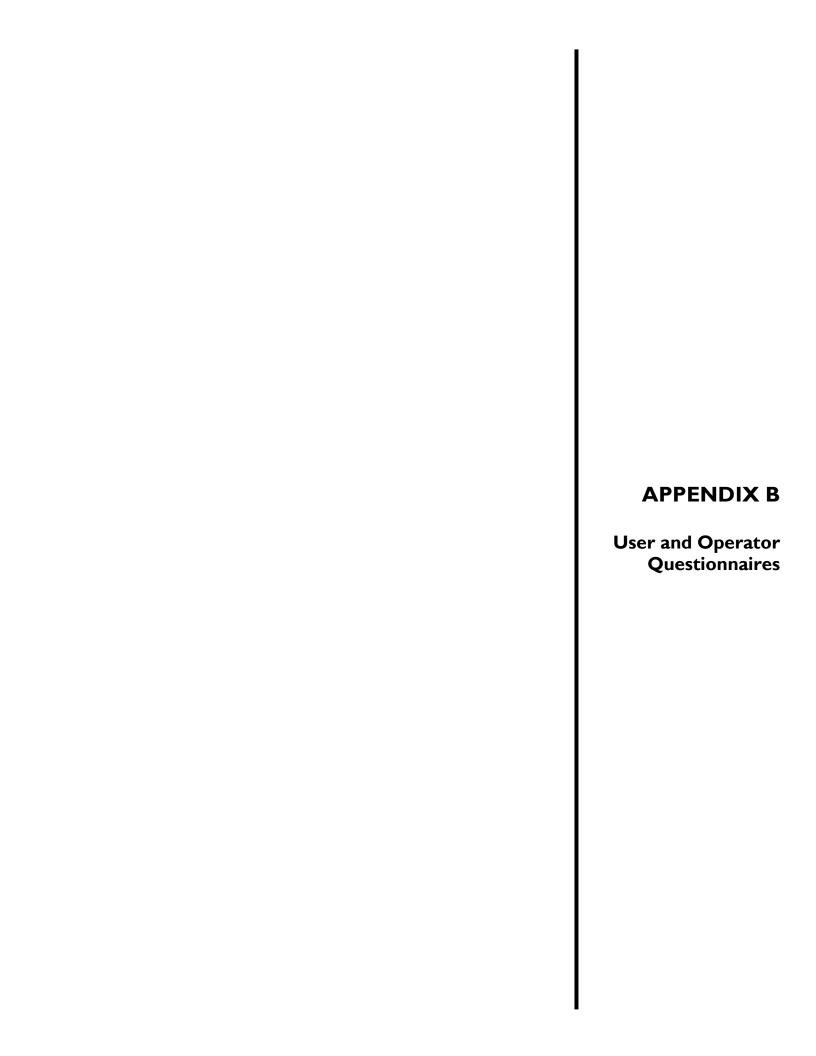


Photo 23.Remnants of the electrical service entrance for a nearby well that is no longer in use. No signs of soil staining from leaking transformers noted.



Photo 24. Overview of the southern point of the Property.





PHASE I ENVIRONMENTAL SITE ASSESSMENT (ASTM E 1527-13 & 2247-08)

OPERATOR QUESTIONNAIRE

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

- (1). Environmental cleanup liens that are filed or recorded against the *property* (40 CFR 312.25). Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

 NO
- (2). Activity and land use limitations that are in place on the Property or that have been filed or recorded against the *property* (40 CFR 312.26). Are you aware of any 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 in a registry under federal, tribal, state or local law?
- (3). Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

As the user of this ESA do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the *property* or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

<u>YES</u>

(4). Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29). Does the purchase price/lease being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*? NA

(5). Commonly known or reasonably ascertainable information about the property (40 CFR 312.30). Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user:

- (a.) Do you know the past uses of the *property*? <u>YES</u>
- (b.) Do you know of specific chemicals that are present or once were present at the *property*? NO
- (c.) Do you know of spills or other chemical releases that have taken place at the *property*? NO

(d.) Do you know of any environmental cleanups that have taken place at the *property*? YES, Resolution Copper Mining hired Oddoneto Construction to remove materials from a pit which was used as a small landfill.

(6). The degree of obviousness of the presence of likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the user of this *ESA*, based on your knowledge and experience related to the *property* are there any obvious indicators that point to the presence or likely presence of contamination at the *property*? NO

In addition, certain information should be collected, if available, and provided to the environmental professional selected to conduct the Phase I. This information is intended to assist the environmental professional but is not necessarily required to qualify for one of the LLPs. The information includes:

- (a) The reason why the Phase I is required NA
- (b) The type of *property* and type of *property* transaction, for example, sale, purchase, exchange, etc. NA
- (c) The complete and correct address for the *property* (a map or other documentation showing *property* location and boundaries is helpful).

 NA
- (d) The scope of services desired for the Phase I (including whether any parties to the *property* transaction may have a required standard scope of services on whether any considerations beyond the requirements of Practice E 1527/2247 are to be considered).

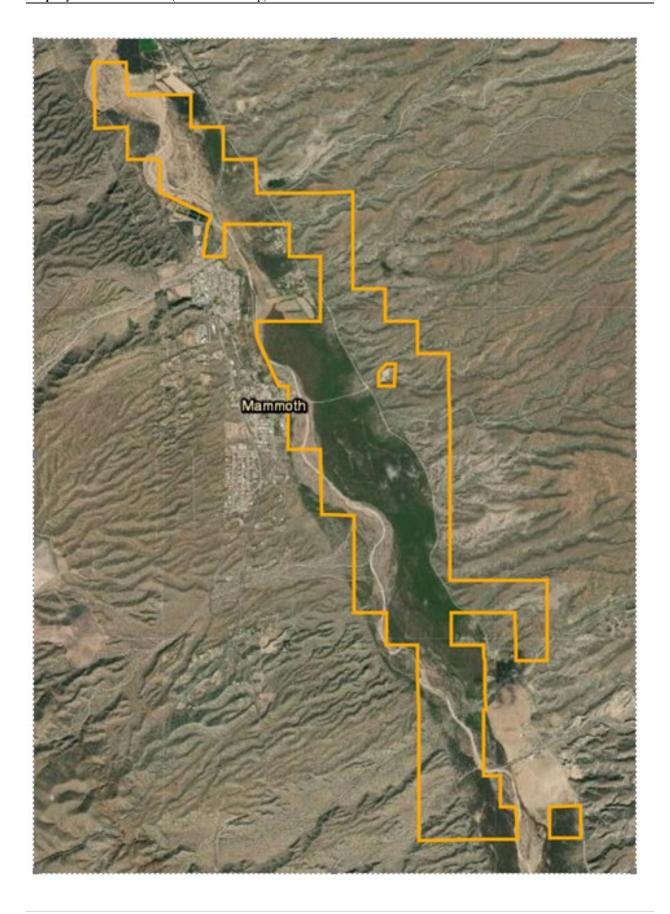
 NA
- (e) Identification of all parties who will rely on the Phase I report. NA
- (f) Identification of the site contact and how the contact can be reached. Are there previous site contacts that should be interviewed?
 <u>Celeste Andresen, The Nature Conservancy, candresen@tnc.org</u>, 520.609.3420
- (g) Any special terms and conditions which must be agreed upon by the environmental professional. \underline{NA}
- (h) Any other knowledge or experience with the *property* that may be pertinent to the environmental professional (for example, copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning the *property* and its environmental condition).

No changes have occurred on the property since the previous inquiry in 2016, except the clean-up effort mentioned above.

Name, Title, and Organization of person interviewed: Celeste Andresen, 7B Ranch Manager, The Nature Conservancy

Interview Medium (phone, email, in-person): Celeste Andresen, The Nature Conservancy, candresen@tnc.org, 520.609.3420

Date of Interview: 11 August 2020



APPENDIX C Title and **Encumbrances Documents**

Form No. 1402.92 (10/17/92) ALTA Standard Owner's Policy Western Regional Exceptions Order Number: NCS-44196-4335 Page Number: 1



First American Title Insurance Company National Commercial Services 4801 East Washington Street Phoenix, AZ 85034 Phn - (602) 685-7000

Bruno Hegner Swift Current Land & Cattle, LLC 2425 E. Arizona Biltmore Circle, Suite 135 Phoenix, AZ 85016

September 23, 2004

Title Officer:

Ron B. Robertson

Phone:

(602) 685-7736

Order Number:

NCS-44196-4335

Property:

, , AZ

Attached please find the following item(s):

A Policy of Title Insurance

Thank You for your confidence and support. We at First American Title Company maintain the fundamental principle:

Customer First!

Order Number: NCS-44196-4335 Page Number: 2

Policy of Title Insurance



ISSUED BY

First American Title Insurance Company

SUBJECT TO THE EXCLUSIONS FROM COVERAGE, THE EXCEPTIONS FROM COVERAGE CONTAINED IN SCHEDULE B AND THE CONDITIONS AND STIPULATIONS, FIRST AMERICAN TITLE INSURANCE COMPANY, a California corporation, herein called the Company, insures, as of Date of Policy shown in Schedule A, against loss or damage, not exceeding the Amount of Insurance stated in Schedule A, sustained or incurred by the insured by reason of:

- 1. Title to the estate or interest described in Schedule A being vested other than as stated therein;
- 2. Any defect in or lien or encumbrance on the title;
- 3. Unmarketability of the title;
- 4. Lack of a right of access to and from the land.

The Company will also pay the costs, attorneys' fees and expenses incurred in defense of the title, as insured, but only to the extent provided in the Conditions and Stipulations.

First American Title Insurance Company

Jarry J. Bernall PRESIDENT

ATTEST // MALL MINDEN SECRETARY

SECRETARY

Order Number: NCS-44196-4335

Page Number: 3

SCHEDULE A

Type of Coverage: ALTA Standard Owner's (1992)

Amount of Insurance: \$3,500,000.00 Policy Number: NCS-44196-4335

Date of Policy: March 26, 2004 at 2004-021434

Name of insured:

Swift Current Land & Cattle LLC, an Arizona limited liability company

2. The estate or interest in the land which is covered by this policy is:

Fee Simple

3. Title to the estate or interest in the land is vested in:

Swift Current Land & Cattle LLC, an Arizona limited liability company

4. The land referred to in this policy is described as follows:

Real property in the County of Pinal, State of Arizona, described as follows:

PARCEL 1:

THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 9 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 2:

LOTS 3 AND 4; THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER; THE WEST HALF OF THE NORTHWEST OF THE SOUTHEAST QUARTER; THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER; THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 4, TOWNSHIP 9 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 3:

THE WEST HALF OF THE NORTHWEST QUARTER; THE NORTH HALF OF THE SOUTHWEST QUARTER; THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER; THE NORTH HALF OF THE NORTHEAST QUARTER; THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER; THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER; THE NORTHEAST QUARTER; AND THE NORTH HALF OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER; AND THE NORTH HALF OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 33, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 4:

THE NORTH HALF OF THE NORTHEAST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 32, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 5:

THE EAST HALF AND THE EAST HALF OF THE NORTHWEST QUARTER OF SECTION 29, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 6:

THE WEST HALF OF THE WEST HALF OF SECTION 28, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 7:

THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER AND THE WEST HALF OF THE SOUTHWEST QUARTER OF SECTION 21, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 8:

THE WEST HALF; THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER; THE NORTH HALF OF THE NORTHEAST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

EXCEPTING A PARCEL OF LAND LOCATED IN THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 17 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA, DESCRIBED AS FOLLOWS:

COMMENCING AT THE EAST QUARTER CORNER OF SAID SECTION 20;

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST ALONG THE CENTER SECTION LINE OF SAID SECTION 20 FOR A DISTANCE OF 1165.09 FEET TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED;

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST FOR A DISTANCE OF 39.66 FEET ALONG THE ABOVE SAID CENTER SECTION LINE TO A POINT HEREAFTER REFERRED TO AS POINT "A";

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST ALONG THE ABOVE SAID CENTER SECTION LINE FOR A DISTANCE OF 376.27 FEET TO A SET 5/8 INCH REBAR;

THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 133.54 FEET TO A POINT HEREAFTER REFERRED TO AS POINT "B";

THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 442.77 FEET TO A SET 5/8 INCH REBAR;

THENCE NORTH 72 DEGREES 29 MINUTES 09 SECONDS EAST FOR A DISTANCE OF 435.98 FEET TO A SET 5/8 INCH REBAR;

THENCE SOUTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 696.04 FEET TO THE POINT OF BEGINNING.

PARCEL 9:

THE NORTH HALF OF THE SOUTHEAST QUARTER; THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER AND THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

EXCEPTING A PARCEL OF LAND LOCATED IN THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 17 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA, DESCRIBED AS FOLLOWS:

COMMENCING AT THE EAST QUARTER CORNER OF SAID SECTION 20;

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST ALONG THE CENTER SECTION LINE EOF SAID SECTION 20 FOR A DISTANCE OF 1165.09 FEET TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED;

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST FOR A DISTANCE OF 39.66 FEET ALONG THE ABOVE SAID CENTER SECTION LINE TO A POINT HEREAFTER REFERRED TO AS POINT "A";

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST ALONG THE ABOVE SAID CENTER SECTION LINE FOR A DISTANCE OF 376.27 FEET TO A SET 5/8 INCH REBAR;

THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE EOF 133.54 FEET TO A POINT HEREAFTER REFERRED TO AS POINT "B";

THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 442.77 FEET TO A SET 5/8 INCH REBAR;

THENCE NORTH 72 DEGREES 29 MINUTES 09 SECONDS EAST FOR A DISTANCE OF 435.98 FEET TO A SET 5/8 INCH REBAR;

THENCE SOUTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 696.04 FEET TO THE POINT OF BEGINNING.

PARCEL 10:

THE EAST HALF OF THE NORTHEAST QUARTER AND THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 19, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA;

EXCEPT THAT PORTION THEREOF CONVEYED BY FRANK SMITH COMPANY, A CORPORATION TO ARIZONA RARE METALS COMPANY, A CORPORATION, BY DEED DATED APRIL 7, 1916, RECORDED APRIL 15, 1916, IN BOOK 30 OF DEEDS, PAGE 402, RECORDS OF PINAL COUNTY, ARIZONA; AND

EXCEPT THAT PORTION THEREOF LYING WITHIN THE SANTA CATALINA MILLSITE; AND

EXCEPT THAT PORTION THEREOF LYING WITHIN THE TOWNSITE OF MAMMOTH, ACCORDING TO THE PLAT THEREOF OF RECORD IN THE OFFICE OF THE COUNTY RECORDER OF PINAL COUNTY, ARIZONA; AND

FURTHER EXCEPT THAT PORTION DESCRIBED AS COMMENCING AT THE EAST QUARTER CORNER OF SAID SECTION 19;

THENCE SOUTH 88 DEGREES 45 MINUTES 05 SECONDS WEST ALONG THE CENTER SECTION LINE A DISTANCE OF 532.18 FEET TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED BED;

THENCE SOUTH 36 DEGREES 30 MINUTES 39 SECONDS EAST FOR A DISTANCE OF 124.13 FEET TO A SET 5/8 INCH STEEL PIN;

THENCE SOUTH 57 DEGREES 29 MINUTES 27 SECONDS WEST FOR A DISTANCE OF 260.64 FEET TO A SET 5/8 INCH STEEL PIN ON THE EAST LINE OF MAMMOTH TOWNSITE;

THENCE NORTH 36 DEGREES 30 MINUTES 39 SECONDS WEST FOR A DISTANCE OF 224.71 FEET ALONG THE EAST LINE OF MAMMOTH TOWNSITE TO A FOUND ONE INCH STEEL PIN;

THENCE NORTH 48 DEGREES 14 MINUTES 43 SECONDS WEST FOR A DISTANCE OF 77.89 FEET ALONG THE EAST LINE OF MAMMOTH TOWNSITE TO A FOUND ONE INCH STEEL PIN;

THENCE NORTH 88 DEGREES 45 MINUTES 05 SECONDS EAST FOR A DISTANCE OF 337.83 FEET TO THE POINT OF BEGINNING; AND

FURTHER EXCEPT THAT PORTION DESCRIBED AS COMMENCING AT THE EAST QUARTER CORNER OF SAID SECTION 19;

THENCE SOUTH 88 DEGREES 45 MINUTES 05 SECONDS WEST ALONG THE CENTER SECTION LINE A DISTANCE OF 532.18 FEET TO A POINT;

THENCE SOUTH 36 DEGREES 30 MINUTES 39 SECONDS EAST A DISTANCE OF 124.13 FEET TO THE POINT OF BEGINNING;

THENCE SOUTH 36 DEGREES 30 MINUTES 39 SECONDS EAST FOR A DISTANCE OF 307.55 TO A SET 5/8 INCH STEEL PIN ON THE NORTH RIGHT-OF-WAY LINE OF BLUEBIRD STREET;

THENCE SOUTH 53 DEGREES 29 MINUTES 21 SECONDS WEST FOR A DISTANCE OF 260.00 FEET ALONG THE NORTH RIGHT-OF-WAY LINE OF BLUEBIRD STREET TO A FOUND ½ INCH REBAR;

THENCE NORTH 36 DEGREES 30 MINUTES 39 SECONDS WEST FOR A DISTANCE OF 325.74 FEET ALONG THE EAST LINE OF MAMMOTH TOWNSITE TO A SET 5/8 INCH REBAR;

THENCE NORTH 57 DEGREES 29 MINUTES 27 SECONDS EAST FOR A DISTANCE OF 260.64 FEET TO THE POINT OF BEGINNING; AND,

FURTHER EXCEPT THAT PORTION OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 19, DESCRIBED AS FOLLOWS;

COMMENCING AT THE EAST QUARTER CORNER OF SAID SECTION 19;

THENCE SOUTH 01 DEGREES 26 MINUTES 07 SECONDS EAST, A DISTANCE OF 756.29 FEET ALONG THE EAST LINE OF SAID SECTION 19 TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED;

THENCE SOUTH 01 DEGREES 26 MINUTES 07 SECONDS EAST FOR A DISTANCE OF 452.53 FEET ALONG THE EAST LINE OF SAID SECTION 19 TO A POINT;

THENCE NORTH 36 DEGREES 30 MINUTES 10 SECONDS WEST FOR A DISTANCE OF 814.85 FEET ALONG THE EAST LINE OF MAMMOTH TOWNSITE TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF BLUEBIRD STREET;

THENCE NORTH 53 DEGREES 29 MINUTES 21 SECONDS EAST FOR A DISTANCE OF 260.00 FEET ALONG THE SOUTH RIGHT-OF-WAY LINE OF BLUEBIRD STREET TO A POINT;

THENCE SOUTH 36 DEGREES 30 MINUTES 10 SECONDS EAST FOR A DISTANCE OF 444.50 FEET TO THE POINT OF BEGINNING.

PARCEL 11:

LOT 1; THE NORTH HALF OF THE NORTHEAST QUARTER; THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 18, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA;

EXCEPT ANY PORTION LYING WITHIN STATE HIGHWAY 77-177 RIGHT OF WAY; AND

EXCEPT THAT PART OF THE NORTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18, DESCRIBED AS:

COMMENCING AT THE SOUTHWEST CORNER OF THE NORTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18, SAID POINT BEING THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED;

THENCE NORTH 00 DEGREES 15 MINUTES 15 SECONDS WEST ALONG THE WEST LINE OF SAID SECTION 18 A DISTANCE OF 85.86 FEET TO A POINT;

THENCE NORTH 39 DEGREES 54 MINUTES 19 SECONDS EAST A DISTANCE OF 1231.61 FEET TO A POINT;

THENCE SOUTH 63 DEGREES 21 MINUTES 53 SECONDS EAST A DISTANCE OF 1316.37 FEET TO A POINT ON THE WEST RIGHT-OF-WAY LINE OF STATE ROUTE NO. 77;

THENCE SOUTH 16 DEGREES 00 MINUTES 53 SECONDS WEST ALONG SAID RIGHT-OF-WAY LINE A DISTANCE OF 174.25 FEET TO A RIGHT-OF-WAY MONUMENT;

THENCE SOUTHWESTERLY ALONG A SPIRAL TRANSITION CURVE TO THE LEFT HAVING A CORD OF 284.12 FEET AND A CORD BEARING OF SOUTH 15 MINUTES 07 DEGREES 09 MINUTES WEST;

THENCE NORTH 89 DEGREES 57 MINUTES 37 SECONDS WEST A DISTANCE OF 1844.22 FEET TO THE POINT OF BEGINNING; AND

EXCEPT THAT PART OF THE NORTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18, DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID SECTION 18, SAID POINT BEING THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED;

THENCE SOUTH 69 DEGREES 27 MINUTES 06 SECONDS EAST A DISTANCE OF 849.67 FEET TO A POINT;

THENCE SOUTH 39 DEGREES 54 MINUTES 19 SECONDS WEST A DISTANCE OF 1231.61 FEET TO A POINT ON THE WEST LINE OF SAID SECTION 18;

THENCE NORTH 00 DEGREES 15 MINUTES 15 SECONDS WEST ALONG THE WEST LINE OF SAID SECTION 18 A DISTANCE OF 1243.02 FEET TO THE POINT OF BEGINNING; AND

FURTHER EXCEPT THAT PARCEL OF SAID SECTION 18:

BEGINNING AT THE CENTER OF SECTION 18;

THENCE SOUTH 89 DEGREES 52 MINUTES 44 SECONDS WEST FOR A DISTANCE OF 940.24 FEET TO THE SOUTHEAST CORNER OF SAID PARCEL AND THE TRUE POINT OF BEGINNING;

THENCE ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 4683.66 FEET AND A ARC LENGTH OF 428.49 FEET, BEING SUBTENDED BY A CORD OF NORTH 01 DEGREES 08 MINUTES 41 SECONDS EAST FOR A DISTANCE OF 428.34 FEET;

THENCE SOUTH 85 DEGREES 30 MINUTES 57 SECONDS WEST FOR A DISTANCE OF 202.88 FEET;

Order Number: NCS-44196-4335 Page Number: 9

THENCE SOUTH 03 DEGREES 22 MINUTES 03 SECONDS WEST FOR A DISTANCE OF 413.57 FEET;

THENCE NORTH 89 DEGREES 52 MINUTES 44 SECONDS EAST FOR A DISTANCE OF 218.00 FEET TO THE TRUE POINT OF BEGINNING; AND

FURTHER EXCEPT A PARCEL OF LAND IN SAID SECTION 18:

BEGINNING AT THE WEST QUARTER CORNER OF SAID SECTION 18;

THENCE NORTH 89 DEGREES 44 MINUTES 58 SECONDS EAST 1302,21 FEET TO THE TRUE POINT OF BEGINNING;

THENCE NORTH 00 DEGREES 11 MINUTES 27 SECONDS EAST ALONG THE WEST BOUNDARY OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION18, 827.62 FEET;

THENCE SOUTH 89 DEGREES 48 MINUTES 33 SECONDS EAST 427.50 FEET TO THE WESTERLY RIGHT OF WAY LINE FOR STATE ROUTE 77;

THENCE SOUTHWESTERLY ALONG THE RIGHT OF WAY FOR STATE ROUTE 77 ON A NON TANGENT CURVE TO THE LEFT HAVING A RADIUS OF 4744.57 FEET, PASSING THROUGH A CENTRAL ANGLE OF 04 DEGREES 49 MINUTES 46 SECONDS, AN ARC LENGTH OF 399.91 FEET;

THENCE SOUTH 85 DEGREES 37 MINUTES 00 SECONDS WEST, 202.84 FEET;

THENCE SOUTH 03 DEGREES 22 MINUTES 53 SECONDS WEST, 413.69 FEET TO THE EAST-WEST CENTER LINE OF SAID SECTION 18;

THENCE SOUTH 89 DEGREES 53 MINUTES 28 SECONDS WEST ALONG THE EAST-WEST CENTERLINE OF SAID SECTION 18, 160.58 FEET TO THE TRUE POINT OF BEGINNING; AND

FURTHER EXCEPT THAT PART OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18, DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18;

THENCE SOUTH 89 DEGREES 57 MINUTES 37 SECONDS EAST FOR A DISTANCE OF 1312.20 FEET ALONG THE NORTH LINE OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18 TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED:

THENCE SOUTH 89 DEGREES 57 MINUTES 37 SECONDS EAST FOR A DISTANCE OF 532.02 FEET ALONG THE NORTH LINE OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18 TO A POINT ON THE WEST RIGHT-OF-WAY LINE OF STATE ROUTE 77;

THENCE ALONG A CURVE CONCAVE TO THE LEFT, HAVING A RADIUS OF 4744.57 FEET AND AN ARC LENGTH OF 506.39 FEET, BEING SUBTENDED BY A CHORD OF SOUTH 12 DEGREES 06 MINUTES 45 SECONDS WEST, FOR A DISTANCE OF 506.15 FEET ALONG THE WEST RIGHT-OF-WAY LINE OF STATE ROUTE 77;

THENCE NORTH 89 DEGREES 53 MINUTES 41 SECONDS WEST FOR A DISTANCE OF 427.07 FEET ALONG THE NORTH PROPERTY LINE OF THE DIALYSIS CENTER TO A PLASTIC CAP RLS 29869;

Order Number: NCS-44196-4335 Page Number: 10

THENCE NORTH 00 DEGREES 08 MINUTES 42 SECONDS EAST FOR A DISTANCE OF 494.47 FEET TO THE POINT OF BEGINNING.

PARCEL 12:

THE NORTHWEST QUARTER; THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER AND THE EAST HALF OF THE SOUTHWEST QUARTER OF SECTION 17, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 13:

LOTS 2, 3 AND 4; THE EAST HALF OF THE SOUTHWEST QUARTER AND THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 7, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

EXCEPT ANY PORTION LYING WITHIN THE STATE ROUTE 77 RIGHT OF WAY.

PARCEL 14:

THE WEST HALF OF THE NORTHEAST QUARTER; THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER; AND THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12, TOWNSHIP 8 SOUTH, RANGE 16 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

Order Number: NCS-44196-4335 Page Number: 11

SCHEDULE B

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

PART ONE

SECTION ONE

- Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
- 2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of said land or by making inquiry of persons in possession thereof.
- 3. Easements, claims of easement or encumbrances which are not shown by the public records.
- 4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by public records.
- 5. Unpatented mining claims; reservations or exceptions in patents or in Acts authorizing the issuance thereof; water rights, claims or title to water.
- 6. Any lien, or right to a lien, for services, labor or material heretofore or hereafter furnished, imposed by law and not shown by the public records.

SECTION TWO

- Taxes for the full year of 2003. (The first half is due October 1, 2003 and is delinquent November 1, 2003. The second half is due March 1, 2004 and is delinquent May 1, 2004.)
- 2. Any charge upon said land by reason of its inclusion in Central Arziona Water Conservation District.
- 3. The rights or claims of title, if any, by the State of Arizona to any portion of the property described in Schedule A being located in the bed of any river or dry wash.
- 4. Terms, covenants and conditions as set forth in instrument recorded in Docket 1987, Page 335.
 - (Affects Parcel No. 2 and other property)
- 5. The terms and provisions contained in the document entitled "Pipe Line License" recorded January 18, 1955 as Docket 117, Page 306. of Official Records.

6. An easement for electric power line and incidental purposes in the document recorded as Book 54 of Deeds, Page 579 and Page 580 of Official Records.

(Affects Parcel No. 11 and 13)

7. An easement for electric power line and incidental purposes in the document recorded as Book 55 of Deeds, Page 347 of Official Records.

(Affects Parcel No. 11 and 13)

8. An easement for railroad, telephone and telegraph lines and incidental purposes in the document recorded as Docket 113, Page 473 of Official Records.

(Affects Parcel No. 14 and other property)

9. An easement for public highway and incidental purposes in the document recorded as Docket 139, Page 463 of Official Records.

(Affects Parcel No. 11 and 13)

10. An easement for communication lines and incidental purposes in the document recorded as Docket 184, Page 473 of Official Records.

(Affects Parcel No. 6 and 8)

11. An easement for pipe line and incidental purposes in the document recorded as Docket 191, Page 568 of Official Records.

(Affects Parcel No. 11 and 13)

12. An easement for roadway purposes and incidental purposes in the document recorded as Docket 242, Page 104 of Official Records.

(Affects Parcel No. 10)

13. An easement for roadway and incidental purposes in the document recorded as Docket 297, Page 319 of Official Records.

(Affects Parcel No. 13 and other property)

14. An easement for transmission lines and incidental purposes in the document recorded as Docket 358, Page 574 of Official Records.

(Affects Parcel No. 8 and 9)

Order Number: NCS-44196-4335 Page Number: 13

15. An easement for electric power transmission system and incidental purposes in the document recorded as Docket 362, Page 595 of Official Records.

(Affects Parcel No. 3)

16. An easement for electric power transmission line and incidental purposes in the document recorded as Docket 413, Page 322 of Official Records.

(Affects Parcel No. 11)

17. An easement for electric lines and incidental purposes in the document recorded as Docket 686, Page 465 of Official Records.

(Affects Parcel No. 5)

18. An easement for electric lines and incidental purposes in the document recorded as Docket 687, Page 292 of Official Records.

(Affects Parcel No. 9)

19. An easement for haul road and incidental purposes in the document recorded as Docket 870, Page 260 of Official Records.

(Affects Parcel No. 11)

20. An easement for drainage and incidental purposes in the document recorded as Docket 2076, Page 792 of Official Records.

(Affects Parcel No. 11)

21. An easement for access road, power transmission site and communications and incidental purposes in the document recorded as 1999-045692 of Official Records.

(Affects Parcel No. 7, 8 and 9)

22. An easement for power line and roadway and incidental purposes in the document recorded as 2003-065283 of Official Records.

Order Number; NCS-44196-4335 Page Number: 14

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1.(a) Any law, ordinance or governmental regulation (including but not limited to building and zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating to

(i) the occupancy, use, or enjoyment of the land;

(ii) the character, dimensions or location of any improvement now or hereafter erected on the land;

(iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or

- (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
- (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or a notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
- 2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.

Defects, liens, encumbrances, adverse claims, or other matters:
 (a) created, suffered, assumed or agreed to by the insured claimant;

(b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;

(c) resulting in no loss or damage to the insured claimant;

- (d) attaching or created subsequent to Date of Policy; or
- (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the estate or interest insured by this policy.
- 4. Any claim, which arises out of the transaction vesting in the Insured the estate or interest insured by this policy, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that is based on:
- (i) the transaction creating the estate or interest insured by this policy being deemed a fraudulent conveyance or fraudulent transfer; or
- (ii) the transaction creating the estate or interest insured by this policy being deemed a preferential transfer except where the preferential transfer results from the failure:

(a) to timely record the instrument of transfer; or

(b) of such recordation to impart notice to a purchaser for value or a judgment or lien creditor.

CONDITIONS AND STIPULATIONS

1. DEFINITION OF TERMS.

The following terms when used in this policy mean:

(a) "insured": the insured named in Schedule A, and, subject to any rights or defenses the Company would have had against the named insured, those who succeed to the interest of the named insured by operation of law as distinguished from purchase including, but not limited to, heirs, distributees, devisees, survivors, personal representatives, next of kin, or corporate or fiduciary successors.

(b) "insured claimant": an insured claiming loss or damage.

- (c) "knowledge" or "known": actual knowledge, not constructive knowledge or notice which may be imputed to an insured by reason of any public records as defined in this policy or any other records which impart constructive notice of matters affecting the land.
- (d) "land": the land described or referred to in Schedule (A), and improvements affixed thereto which by law constitute real property. The term "land" does not include any property beyond the lines of the area described or referred to in Schedule (A), nor any right, title, interest, estate or easement in abutting streets, roads, avenues, alleys, lanes, ways or waterways, but nothing herein shall modify or limit the extent to which a right of access to and from the land is insured by this policy.

(e) "mortgage": mortgage, deed of trust, trust deed, or other security instrument.

(f) "public records": records established under state statutes at Date of Policy for the purpose of imparting constructive notice of matters relating to real property to purchasers for value and without knowledge. With respect to Section 1(a)(iv) of the Exclusions from Coverage, "public records" shall also include environmental protection liens filed in the records of the clerk of the United States district court for the district in which the land is located. (g) "unmarketability of the title": an alleged or apparent matter affecting the title to the land, not excluded or excepted from coverage, which would entitle a purchaser of the estate or interest described in Schedule A to be released from the obligation to purchase by virtue of a contractual condition

requiring the delivery of marketable title.

2. CONTINUATION OF INSURANCE AFTER CONVEYANCE OF TITLE.

The coverage of this policy shall continue in force as of Date of Policy in favor of an insured only so long as the insured retains an estate or interest in the land, or holds an indebtedness secured by a purchase money mortgage given by a purchaser from the insured, or only so long as the insured shall have liability by reason of covenants of warranty made by the insured in any transfer or conveyance of the estate or interest. This policy shall not continue in force in favor of any purchaser from the insured of either

(i) an estate or interest in the land, or

(ii) an indebtedness secured by a purchase money mortgage given to an insured.

3. NOTICE OF CLAIM TO BE GIVEN BY INSURED CLAIMANT.

The insured shall notify the Company promptly in writing

(i) in case of any litigation as set forth in Section 4(a) below,

Order Number: NCS-44196-4335

Page Number: 15

(ii) in case knowledge shall come to an insured hereunder of any claim of title or interest which is adverse to the title to the estate or interest, as insured, and which might cause loss or damage for which the Company may be liable by virtue of this policy, or

(iii) if title to the estate or interest, an insured, is rejected as unmarketable. If prompt notice shall not be given to the Company, then as to the insured all liability of the Company shall terminate with regard to the matter or matters for which prompt notice is required; provided, however, that failure to notify the Company shall in no case prejudice the rights of any insured under this policy unless the Company shall be prejudiced by the failure and then only to the extent of the prejudice.

4. DEFENSE AND PROSECUTION OF ACTIONS; DUTY OF INSURED CLAIMANT TO COOPERATE.

(a) Upon written request by the insured and subject to the options contained in Section 6 of these Conditions and Stipulations, the Company, at its own cost and without unreasonable delay, shall provide for the defense of an insured in litigation in which any third party asserts a claim adverse to the title or interest as insured but only as to those stated causes of action alleging a defect, lien or encumbrance or other matter insured against by this policy. The Company shall have the right to select counsel of its choice (subject to the right of the insured to object for reasonable cause) to represent the insured as to those stated causes of action and shall not be liable for and will not pay the fees of any other counsel. The Company will not pay any fees, costs or expenses incurred by an insured in the defense of those causes of action which allege matters not insured against by this policy. (b) The Company shall have the right, at its own cost, to institute and prosecute any action or proceeding or to do any other act which in its opinion may be necessary or desirable to establish the title to the estate or interest, as insured, or to prevent or reduce loss or damage to an insured. The Company may take any appropriate action under the terms of this policy, whether or not it shall be liable hereunder, and shall not thereby concede liability or waive any provision of this policy. If the Company shall exercise its rights under this paragraph, it shall do so diligently.

(c) Whenever the Company shall have brought an action or interposed a defense as required or permitted by the provisions of this policy, the Company may pursue any litigation to final determination by a court of competent jurisdiction and expressly reserves the right, in its sole discretion, to

appeal from any adverse judgment or order.

(d)In all cases where this policy permits or requires the Company to prosecute or provide for the defense of any action or proceeding, the insured shall secure to the Company the right to so prosecute or provide defense in the action or proceeding, and all appeals therein, and permit the Company to use, at its option, the name of the insured for this purpose. Whenever requested by the Company, the insured, at the Company's expense, shall give the Company all reasonable aid (i) in any action or proceeding, securing evidence, obtaining witnesses, prosecuting or defending the action or proceeding, or effecting settlement, and (ii) in any other lawful act which in the opinion of the Company may be necessary or desirable to establish the title to the estate or interest as insured. If the Company is prejudiced by the failure of the insured to furnish the required cooperation, the Company's obligations to the insured under the policy shall terminate, including any liability or obligation to defend, prosecute, or continue any litigation, with regard to the matter or matters requiring such cooperation.

5. PROOF OF LOSS OR DAMAGE.

In addition to and after the notices required under Section 3 of these Conditions and Stipulations have been provided the Company, a proof of loss or damage signed and sworn to by the insured claimant shall be furnished to the Company within 90 days after the insured claimant shall ascertain the facts giving rise to the loss or damage. The proof of loss or damage shall describe the defect in, or lien or encumbrance on the title, or other matter insured against by this policy which constitutes the basis of loss or damage and shall state, to the extent possible, the basis of calculating the amount of the loss or damage. If the Company is prejudiced by the failure of the insured claimant to provide the required proof of loss or damage, the Company's obligations to the insured under the policy shall terminate, including any liability or obligation to defend, prosecute, or continue any litigation, with regard to the matter or matters requiring such proof of loss or damage.

In addition, the insured claimant may reasonably be required to submit to examination under oath by any authorized representative of the Company and shall produce for examination, inspection and copying, at such reasonable times and places as may be designated by any authorized representative of the Company, all records, books, ledgers, checks, correspondence and memoranda, whether bearing a date before or after Date of Policy, which reasonably pertain to the loss or damage. Further, if requested by any authorized representative of the Company, the insured claimant shall grant its permission, in writing, for any authorized representative of the Company to examine, inspect and copy all records, books, ledgers, checks, correspondence and memoranda in the custody or control of a third party, which reasonably pertain to the loss or damage. All information designated as confidential by the insured claimant provided to the Company pursuant to this Section shall not be disclosed to others unless, in the reasonable judgment of the Company, it is necessary in the administration of the claim. Failure of the insured claimant to submit for examination under oath, produce other reasonably requested information or grant permission to secure reasonably necessary information from third parties as required in this paragraph shall terminate any liability of the Company under this policy as to that claim.

6. OPTIONS TO PAY OR OTHERWISE SETTLE CLAIMS; TERMINATION OF LIABILITY.

In case of a claim under this policy, the Company shall have the following additional options:

(a) To Pay or Tender Payment of the Amount of Insurance.

To pay or tender payment of the amount of insurance under this policy together with any costs, attorneys' fees and expenses incurred by the insured claimant, which were authorized by the Company, up to the time of payment or tender of payment and which the Company is obligated to pay. Upon the exercise by the Company of this option, all liability and obligations to insured under this policy, other than to make the payment required, shall terminate, including any liability or obligation to defend, prosecute, or continue any litigation, and the policy shall be surrendered to the Company for cancellation.

(b) To Pay or Otherwise Settle With Parties Other than the Insured or With the Insured Claimant.

(i) to pay or otherwise settle with other parties for or in the name of an insured claimant any claim insured against under this policy, together with any costs, attorneys' fees and expenses incurred by the insured claimant which were authorized by the Company up to the time of payment and which the Company is obligated to pay; or

(ii) to pay or otherwise settle with the insured claimant the loss or damage provided for under this policy, together with any costs, attorneys' fees and expenses incurred by the insured claimant which were authorized by the Company up to the time of payment and which the Company is obligated to pay.

Upon the exercise by the Company of either of the options provided for in paragraphs (b) (i) or (ii), the Company's obligations to the insured under this policy for the claimed loss or damage, other than the payments required to be made, shall terminate, including any liability or obligation to defend, prosecute or continue any litigation.

7. DETERMINATION, EXTENT OF LIABILITY AND COINSURANCE.

This policy is a contract of indemnity against actual monetary loss or damage sustained or incurred by the insured claimant who has suffered loss or damage by reason of matters insured against by this policy and only to the extent herein described.

(a) The liability of the Company under this policy shall not exceed the least of:

(i) the Amount of Insurance stated in Schedule A; or,

(ii) the difference between the value of the insured estate or interest as insured and the value of the insured estate or interest subject to the defect, lien or encumbrance insured against by this policy.

Order Number: NCS-44196-4335 Page Number: 16

(b) In the event the Amount of Insurance stated in Schedule A at the Date of Policy is less than 80 percent of the value of the insured estate or interest or the full consideration paid for the land, whichever is less, or if subsequent to the Date of Policy an improvement is erected on the land which increases the value of the insured estate or interest by at least 20 percent over the Amount of Insurance stated in Schedule A, then this Policy is subject to the following:

(i) where no subsequent improvement has been made, as to any partial loss, the Company shall only pay the loss pro rata in the proportion that the amount of insurance at Date of Policy bears to the total value of the insured estate or interest at Date of Policy; or (ii) where a subsequent improvement has been made, as to any partial loss, the Company shall only pay the loss pro rata in the proportion that 120 percent of the Amount of Insurance stated in Schedule A bears to the sum of the Amount of Insurance stated in Schedule A and the amount expended for the improvement. The provisions of this paragraph shall not apply to costs, attorneys' fees and expenses for which the Company is liable under this policy, and shall only apply to that portion of any loss which exceeds, in the aggregate, 10 percent of the Amount of Insurance stated in Schedule A.

(c) The Company will pay only those costs, attorneys' fees and expenses incurred in accordance with Section 4 of these Conditions and Stipulations.

8. APPORTIONMENT.

If the land described in Schedule (A)(C) consists of two or more parcels which are not used as a single site, and a loss is established affecting one or more of the parcels but not all, the loss shall be computed and settled on a pro rata basis as if the amount of insurance under this policy was divided pro rata as to the value on Date of Policy of each separate parcel to the whole, exclusive of any improvements made subsequent to Date of Policy, unless a liability or value has otherwise been agreed upon as to each parcel by the Company and the insured at the time of the issuance of this policy and shown by an express statement or by an endorsement attached to this policy.

9. LIMITATION OF LIABILITY.

- (a) If the Company establishes the title, or removes the alleged defect, lien or encumbrance, or cures the lack of a right of access to or from the land, or cures the claim of unmarketability of title, all as insured, in a reasonably diligent manner by any method, including litigation and the completion of any appeals therefrom, it shall have fully performed its obligations with respect to that matter and shall not be liable for any loss or damage caused thereby.
- (b) In the event of any litigation, including litigation by the Company or with the Company's consent, the Company shall have no liability for loss or damage until there has been a final determination by a court of competent jurisdiction, and disposition of all appeals therefrom, adverse to the title as insured.
- (c) The Company shall not be liable for loss or damage to any insured for liability voluntarily assumed by the insured in settling any claim or suit without the prior written consent of the Company.

10. REDUCTION OF INSURANCE; REDUCTION OR TERMINATION OF LIABILITY.

All payments under this policy, except payments made for costs, attorneys' fees and expenses, shall reduce the amount of the insurance pro tanto.

11. LIABILITY NONCUMULATIVE.

It is expressly understood that the amount of insurance under this policy shall be reduced by any amount the Company may pay under any policy insuring a mortgage to which exception is taken in Schedule B or to which the insured has agreed, assumed, or taken subject, or which is hereafter executed by an insured and which is a charge or lien on the estate or interest described or referred to in Schedule A, and the amount so paid shall be deemed a payment under this policy to the insured owner.

12. PAYMENT OF LOSS.

- (a) No payment shall be made without producing this policy for endorsement of the payment unless the policy has been lost or destroyed, in which case proof of loss or destruction shall be furnished to the satisfaction of the Company.
- (b) When liability and the extent of loss or damage has been definitely fixed in accordance with these Conditions and Stipulations, the loss or damage shall be payable within 30 days thereafter.

13. SUBROGATION UPON PAYMENT OR SETTLEMENT.

(a) The Company's Right of Subrogation.

Whenever the Company shall have settled and paid a claim under this policy, all right of subrogation shall vest in the Company unaffected by any act of the insured claimant.

The Company shall be subrogated to and be entitled to all rights and remedies which the insured claimant would have had against any person or property in respect to the claim had this policy not been issued. If requested by the Company, the insured claimant shall transfer to the Company all rights and remedies against any person or property necessary in order to perfect this right of subrogation. The insured claimant shall permit the Company to sue, compromise or settle in the name of the insured claimant and to use the name of the insured claimant in any transaction or litigation involving these rights or remedies.

If a payment on account of a claim does not fully cover the loss of the insured claimant, the Company shall be subrogated to these rights and remedies in the proportion which the Company's payment bears to the whole amount of the loss.

If loss should result from any act of the insured claimant, as stated above, that act shall not void this policy, but the Company, in that event, shall be required to pay only that part of any losses insured against by this policy which shall exceed the amount, if any, lost to the Company by reason of the impairment by the insured claimant of the Company's right of subrogation.

(b) The Company's Rights Against Non-insured Obligors.

The Company's right of subrogation against non-insured obligors shall exist and shall include, without limitation, the rights of the insured to indemnities, guaranties, other policies of insurance or bonds, notwithstanding any terms or conditions contained in those instruments which provide for subrogation rights by reason of this policy.

14. ARBITRATION

Unless prohibited by applicable law, either the Company or the insured may demand arbitration pursuant to the Title Insurance Arbitration Rules of the American Arbitration Association. Arbitrable matters may include, but are not limited to, any controversy or claim between the Company and the insured arising out of or relating to this policy, any service of the Company in connection with its issuance or the breach of a policy provision or other obligation. All arbitrable matters when the Amount of Insurance is \$1,000,000 or less shall be arbitrated at the option of either the Company or the insured. All arbitrable matters when the Amount of Insurance is in excess of \$1,000,000 shall be arbitrated only when agreed to by both the Company and the insured. Arbitration pursuant to this policy and under the Rules in effect on the date the demand for arbitration is made or, at the option of the insured, the Rules in effect at Date of Policy shall be binding upon the parties. The award may include attorneys' fees only if the laws of the state in which the land is located permit a court to award attorneys' fees to a prevailing party. Judgment upon the award rendered by the Arbitrator(s) may be entered in any court having jurisdiction thereof.

The law of the situs of the land shall apply to an arbitration under the Title Insurance Arbitration Rules.

A copy of the Rules may be obtained from the Company upon request.

15. LIABILITY LIMITED TO THIS POLICY; POLICY ENTIRE CONTRACT.

Order Number: NCS-44196-4335 Page Number: 17

(a) This policy together with all endorsements, if any, attached hereto by the Company is the entire policy and contract between the insured and the Company. In interpreting any provision of this policy, this policy shall be construed as a whole.

(b) Any claim of loss or damage, whether or not based on negligence, and which arises out of the status of the title to the estate or interest covered hereby or by any action asserting such claim, shall be restricted to this policy.

(c) No amendment of or endorsement to this policy can be made except by a writing endorsed hereon or attached hereto signed by either the President, a Vice President, the Secretary, an Assistant Secretary, or validating officer or authorized signatory of the Company.

16. SEVERABILITY.

In the event any provision of the policy is held invalid or unenforceable under applicable law, the policy shall be deemed not to include that provision and all other provisions shall remain in full force and effect.

17. NOTICES, WHERE SENT.

All notices required to be given the Company and any statement in writing required to be furnished the Company shall include the number of this policy and shall be addressed to the Company at 1 First American Way, Santa Ana, California 92707, or to the office which issued this policy.

U.S. DEPARTMENT OF AGRICULTURE

Forest Service

5430 Exchanges

<u>Tonto National Forest</u>

<u>Bureau of Land Management, Gila District</u>

Resolution Copper Mining, LLC, a Delaware limited liability company

FIRST AMENDMENT AGREEMENT TO INITIATE

Southeast Arizona Land Exchange and Conservation Act, P.L. 113-291 Section 3003 The Act of March 20, 1922 (42 Stat. 465, as amended:

The Act of October 21, 1976 (90 Stat. 2743, as amended; 43 U.S.C. 1715, 1716, 1717); and, The Act of August 20, 1988 (102 Stat. 1086; 43 U.S.C. 1716).

We, Resolution Copper Mining, LLC (Resolution), the Forest Service, U.S. Department of Agriculture (Forest Service), and the Bureau of Land Management (BLM), Gila District, U.S. Department of the Interior, acting through their authorized representatives hereby amend the Agreement to Initiate dated December 6, 2017, entered into by the Parties in the following manner.

Exhibit A:

Delete:

e. Approximately 142* acres of land located in Pinal County, Arizona within the Tonto National Forest and depicted on the map entitled "Resolution Copper Land Exchange Proposal–Apache Leap South End" and more-specifically described as:

Parcel No. 1:

Gila and Salt River Meridian, Arizona

T. 2 S., R. 12 E.

M.S. 2836, Panic Lode Claim

Parcel No. 2:

Gila and Salt River Meridian, Arizona

T. 2 S., R. 12 E.

M.S. 2837, Selma Lode Claim (part)*
M.S. 2837, Skiberian Lode (part)*

Parcel No. 3:

Gila and Salt River Meridian, Arizona

T. 2 S., R. 12 E.

M.S. 2838, Touch Not No. 3 Lode Claim

M.S. 2838, Hillside Lode Claim M.S. 2838, Touch Not Lode Claim M.S. 2838 Rawhide Lode Claim

Parcel No. 4:

Gila and Salt River Meridian, Arizona

T. 2 S., R. 12 E.

M.S. 2838, Pacific No. 32 Lode Claim

M.S. 3581, Grand Lode Claim

*Survey required. Legal description and final acreage to be completed post survey.

Replace With:

e. Approximately 139.62 acres of land located in Pinal County, Arizona based on BLM cadastral Survey Titled "Township 2 South, Range 12 East, of the Gila and Salt River Meridian, Arizona, Dependent Resurvey and Metes-and-Bounds Survey", approved June 29, 2018, officially filed July 2, 2018, and more specifically described as:

Gila and Salt River Meridian, Arizona

T. 2 S., R. 12 E.

M.S. 2836, Panic Lode;

M.S. 2837, Selma Lode portions in sections 1 and 2;

M.S. 2837, Skiberian Lode portions in sections 1 and 2;

M.S. 2838, Touch Not No. 3 Lode;

M.S. 2838, Hillside Lode;

M.S. 2838, Touch Not Lode;

M.S. 2838 Rawhide Lode:

M.S. 2838, Pacific No. 32 Lode;

M.S. 3581, Grand Lode Claim.

Delete:

f. Approximately 3,050* acres of land located in Pinal County, Arizona and identified as "Lands to DOI" as generally depicted on the map entitled "Southeast Arizona Land Exchange and Conservation Act of 2011– Non-Federal Parcel–Lower San Pedro River" and dated July 6, 2011 and more specifically described as:

Parcel 1:

Gila and Salt River Meridian, Arizona

T. 9 S., R. 17 E., sec. 3, SW¹/₄SW¹/₄.

Parcel 2:

Gila and Salt River Meridian, Arizona

T. 9 S., R. 17 E.,

sec. 4, lots 3 and 4, SE½NW¼, W½NW¼SE¼, SW¼SE¼,

SW1/4, SW1/4NW1/4.

Parcel 3:

Gila and Salt River Meridian, Arizona

T. 8 S., R. 17 E.,

sec. 33, W1/2NW1/4, N1/2SW1/4, SE1/4SW1/4, SW1/4SW1/4, N1/2NE1/4,

SE1/4NE1/4, NE1/4NW1/4, N1/2NE1/4SE1/4.*

Parcel 4:

Gila and Salt River Meridian, Arizona

T. 8 S., R. 17 E.,

sec. 32, N¹/₂NE¹/₄, SE¹/₄NE¹/₄.*

Parcel 5:

Gila and Salt River Meridian, Arizona

T. 8 S., R. 17 E.,

sec. 29, E¹/₂, E¹/₂NW¹/₄.*

Parcel 6:

Gila and Salt River Meridian, Arizona

T. 8 S., R. 17 E.,

sec. 28, W¹/₂SW¹/₄, W¹/₂NW¹/₄.

Parcel 7:

Gila and Salt River Meridian, Arizona

T. 8 S., R. 17 E.,

sec. 21, SW1/4NW1/4, W1/2SW1/4.

Parcel 8:

Gila and Salt River Meridian, Arizona

T. 8 S., R. 17 E.,

sec. 20, W¹/₂, SW¹/₄SE¹/₄, N¹/₂NE¹/₄, SE¹/₄NE¹/₄.*

EXCEPTING A PARCEL OF LAND LOCATED IN THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 17 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA, DESCRIBED AS FOLLOWS: COMMENCING AT THE EAST OUARTER CORNER OF SAID SECTION 20;

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST ALONG THE CENTER SECTION LINE OF SAID SECTION 20 FOR A DISTANCE OF 1165.09 FEET TO THE POINT OF BEGINNING

OF THE LAND TO BE DESCRIBED; THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST FOR A DISTANCE OF 39.66 FEET ALONG THE ABOVE SAID CENTER SECTION LINE TO A POINT HEREAFTER REFERRED TO AS POINT "A":

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST ALONG THE ABOVE SAID CENTER SECTION LINE FOR A DISTANCE OF 376.27 FEET TO A SET 5/8 INCH REBAR; THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 133.54 FEET TO A POINT HEREAFTER REFERRED TO AS POINT "B";

THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 442.77 FEET TO A SET 5/8 INCH REBAR;

THENCE NORTH 72 DEGREES 29 MINUTES 09 SECONDS EAST FOR A DISTANCE OF 435.98 FEET TO A SET 5/8 INCH REBAR;

THENCE SOUTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 696.04 FEET TO THE POINT OF BEGINNING.

EXCEPT THAT PORTION DESCRIBED IN QUITCLAIM DEED RECORDED JANUARY 31, 2012 AS 2012-007458, OFFICIAL RECORDS. AND EXCEPTING AND RESERVING TO THE UNITED STATES, ALL THE MINERALS IN THE LAND TOGETHER WITH ALL URANIUM, THORIUM OR ANY OTHER MATERIAL WHICH IS OR MAY BE DETERMINED TO BE PECULIARLY ESSENTIAL TO THE PRODUCTION OF FISSIONABLE MATERIALS, WHETHER OR NOT OF COMMERCIAL VALUE, LYING WITHIN THE NORTH HALF OF THE NORTHEAST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 20.

Parcel 9:

Gila and Salt River Meridian, Arizona T. 8 S., R. 17 E., sec. 20, N¹/₂SE¹/₄, SE¹/₄SE¹/₄, SW¹/₄NE¹/₄.*

EXCEPTING A PARCEL OF LAND LOCATED IN THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 17 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA, DESCRIBED AS FOLLOWS:

COMMENCING AT THE EAST QUARTER CORNER OF SAID SECTION 20;

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST ALONG THE CENTER SECTION LINE OF SAID SECTION 20 FOR A DISTANCE OF 1165.09 FEET TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED;

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST FOR A DISTANCE OF 39.66 FEET ALONG THE ABOVE SAID CENTER SECTION LINE TO A POINT HEREAFTER REFERRED TO AS POINT "A";

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST ALONG THE ABOVE SAID CENTER SECTION LINE FOR A DISTANCE OF 376.27 FEET TO A SET 5/8 INCH REBAR;

THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 133.54 FEET TO A POINT HEREAFTER REFERRED TO AS POINT "B";

THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 442.77 FEET TO A SET 5/8 INCH REBAR;

THENCE NORTH 72 DEGREES 29 MINUTES 09 SECONDS EAST FOR A DISTANCE OF 435.98 FEET TO A SET 5/8 INCH REBAR;

THENCE SOUTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 696.04 FEET TO THE POINT OF BEGINNING.

Parcel 10:

Gila and Salt River Meridian, Arizona T. 8 S., R. 17 E., Sec. 19, E½NE¼, NE¼SE¼,*

EXCEPT THAT PORTION THEREOF CONVEYED BY FRANK SMITH COMPANY, A CORPORATION TO ARIZONA RARE METALS COMPANY, A CORPORATION, BY DEED DATED APRIL 7, 1916, RECORDED APRIL 15, 1916, IN BOOK 30 OF DEEDS, PAGE 402, RECORDS OF PINAL COUNTY, ARIZONA; AND

EXCEPT THAT PORTION THEREOF LYING WITHIN THE SANTA CATALINA MILLSITE; AND EXCEPT THAT PORTION THEREOF LYING WITHIN THE TOWNSITE OF MAMMOTH, ACCORDING TO THE PLAT THEREOF OF RECORD IN THE OFFICE OF THE COUNTY RECORDER OF PINAL COUNTY, ARIZONA; AND

FURTHER EXCEPT THAT PORTION DESCRIBED AS COMMENCING AT THE EAST QUARTER CORNER OF SAID SECTION 19;

THENCE SOUTH 88 DEGREES 45 MINUTES 05 SECONDS WEST ALONG THE CENTER SECTION LINE A DISTANCE OF 532.18 FEET TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED;

THENCE SOUTH 36 DEGREES 30 MINUTES 39 SECONDS EAST FOR A DISTANCE OF 124.13 FEET TO A SET 5/8 INCH STEEL PIN:

THENCE SOUTH 57 DEGREES 29 MINUTES 27 SECONDS WEST FOR A DISTANCE OF 260.64 FEET TO A SET 5/8 INCH STEEL PIN ON THE EAST LINE OF MAMMOTH TOWNSITE; THENCE NORTH 36 DEGREES 30 MINUTES 39 SECONDS WEST FOR A DISTANCE OF 224.71 FEET ALONG THE EAST LINE OF MAMMOTH TOWNSITE TO A FOUND ONE INCH STEEL PIN.

THENCE NORTH 48 DEGREES 14 MINUTES 43 SECONDS WEST FOR A DISTANCE OF 77.89 FEET ALONG THE EAST LINE OF MAMMOTH TOWNSITE TO A FOUND ONE INCH STEEL PIN:

THENCE NORTH 88 DEGREES 45 MINUTES 05 SECONDS EAST FOR A DISTANCE OF 337.83 FEET TO THE POINT OF BEGINNING; AND

FURTHER EXCEPT THAT PORTION DESCRIBED AS COMMENCING AT THE EAST QUARTER CORNER OF SAID SECTION 19;

THENCE SOUTH 88 DEGREES 45 MINUTES 05 SECONDS WEST ALONG THE CENTER SECTION LINE A DISTANCE OF 532.18 FEET TO A POINT;

THENCE SOUTH 36 DEGREES 30 MINUTES 39 SECONDS EAST A DISTANCE OF 124.13 FEET TO THE POINT OF BEGINNING;

THENCE SOUTH 36 DEGREES 30 MINUTES 39 SECONDS EAST FOR A DISTANCE OF 307.55 TO A SET 5/8 INCH STEEL PIN ON THE NORTH RIGHT-OF-WAY LINE OF BLUEBIRD STREET; THENCE SOUTH 53 DEGREES 29 MINUTES 21 SECONDS WEST FOR A DISTANCE OF 260.00 FEET ALONG THE NORTH RIGHT-OF-WAY LINE OF BLUEBIRD STREET TO A FOUND ½ INCH REBAR:

THENCE NORTH 36 DEGREES 30 MINUTES 39 SECONDS WEST FOR A DISTANCE OF 325.74 FEET ALONG THE EAST LINE OF MAMMOTH TOWNSITE TO A SET 5/8 INCH REBAR; THENCE NORTH 57 DEGREES 29 MINUTES 27 SECONDS EAST FOR A DISTANCE OF 260.64 FEET TO THE POINT OF BEGINNING; AND,

FURTHER EXCEPT THAT PORTION OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 19, DESCRIBED AS FOLLOWS;

COMMENCING AT THE EAST OUARTER CORNER OF SAID SECTION 19:

THENCE SOUTH 01 DEGREES 26 MINUTES 07 SECONDS EAST, A DISTANCE OF 756.29 FEET ALONG THE EAST LINE OF SAID SECTION 19 TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED:

THENCE SOUTH 01 DEGREES 26 MINUTES 07 SECONDS EAST FOR A DISTANCE OF 452.53 FEET ALONG THE EAST LINE OF SAID SECTION 19 TO A POINT;

THENCE NORTH 36 DEGREES 30 MINUTES 10 SECONDS WEST FOR A DISTANCE OF 814.85 FEET ALONG THE EAST LINE OF MAMMOTH TOWNSITE TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF BLUEBIRD STREET;

THENCE NORTH 53 DEGREES 29 MINUTES 21 SECONDS EAST FOR A DISTANCE OF 260.00 FEET ALONG THE SOUTH RIGHT-OF-WAY LINE OF BLUEBIRD STREET TO A POINT; THENCE SOUTH 36 DEGREES 30 MINUTES 10 SECONDS EAST FOR A DISTANCE OF 444.50 FEET TO THE POINT OF BEGINNING; AND,

FURTHER EXCEPT THAT PORTION DESCRIBED IN QUITCLAIM DEED RECORDED JANUARY 31, 2012 AS 2012-007458, OFFICIAL RECORDS.

Parcel 11:

Gila and Salt River Meridian, Arizona T. 8 S., R. 17 E., sec. 18, Lot 1, N¹/₂NE¹/₄, NE¹/₄NW¹/₄, SE¹/₄NW¹/₄.*

EXCEPT ANY PORTION LYING WITHIN STATE HIGHWAY 77-177 RIGHT-OF-WAY; AND

EXCEPT THAT PART OF THE NORTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18, DESCRIBED AS:

COMMENCING AT THE SOUTHWEST CORNER OF THE NORTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18, SAID POINT BEING THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED;

THENCE NORTH 00 DEGREES 15 MINUTES 15 SECONDS WEST ALONG THE WEST LINE OF SAID SECTION 18 A DISTANCE OF 85.86 FEET TO A POINT;

THENCE NORTH 39 DEGREES 54 MINUTES 19 SECONDS EAST A DISTANCE OF 1231.61 FEET TO A POINT:

THENCE SOUTH 63 DEGREES 21 MINUTES 53 SECONDS EAST A DISTANCE OF 1316.37 FEET TO A POINT ON THE WEST RIGHT-OF-WAY LINE OF STATE ROUTE NO. 77;

THENCE SOUTH 16 DEGREES 00 MINUTES 53 SECONDS WEST ALONG SAID RIGHT-OF-WAY LINE A DISTANCE OF 174.25 FEET TO A RIGHT-OF-WAY MONUMENT;

THENCE SOUTHWESTERLY ALONG A SPIRAL TRANSITION CURVE TO THE LEFT HAVING A CORD OF 284.12 FEET AND A CORD BEARING OF SOUTH 15 MINUTES 07 DEGREES 09 MINUTES WEST;

THENCE NORTH 89 DEGREES 57 MINUTES 37 SECONDS WEST A DISTANCE OF 1844.22 FEET TO THE POINT OF BEGINNING; AND

EXCEPT THAT PART OF THE NORTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18, DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID SECTION 18, SAID POINT BEING THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED:

THENCE SOUTH 69 DEGREES 27 MINUTES 06 SECONDS EAST A DISTANCE OF 849.67 FEET TO A POINT;

THENCE SOUTH 39 DEGREES 54 MINUTES 19 SECONDS WEST A DISTANCE OF 1231.61 FEET TO A POINT ON THE WEST LINE OF SAID SECTION 18;

THENCE NORTH 00 DEGREES 15 MINUTES 15 SECONDS WEST ALONG THE WEST LINE OF SAID SECTION 18 A DISTANCE OF 1243.02 FEET TO THE POINT OF BEGINNING; AND

FURTHER EXCEPT THAT PARCEL OF SAID SECTION 18:

BEGINNING AT THE CENTER OF SECTION 18;

THENCE SOUTH 89 DEGREES 52 MINUTES 44 SECONDS WEST FOR A DISTANCE OF 940.24 FEET TO THE SOUTHEAST CORNER OF SAID PARCEL AND THE TRUE POINT OF BEGINNING:

THENCE ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 4683.66 FEET AND AN ARC LENGTH OF 428.49 FEET, BEING SUBTENDED BY A CORD OF NORTH 01 DEGREES 08 MINUTES 41 SECONDS EAST FOR A DISTANCE OF 428.34 FEET;

THENCE SOUTH 85 DEGREES 30 MINUTES 57 SECONDS WEST FOR A DISTANCE OF 202.88 FEET;

THENCE SOUTH 03 DEGREES 22 MINUTES 03 SECONDS WEST FOR A DISTANCE OF 413.57 FEET:

THENCE NORTH 89 DEGREES 52 MINUTES 44 SECONDS EAST FOR A DISTANCE OF 218.00 FEET TO THE TRUE POINT OF BEGINNING; AND

FURTHER EXCEPT A PARCEL OF LAND IN SAID SECTION 18:

BEGINNING AT THE WEST QUARTER CORNER OF SAID SECTION 18;

THENCE NORTH 89 DEGREES 44 MINUTES 58 SECONDS EAST 1302.21 FEET TO THE TRUE POINT OF BEGINNING;

THENCE NORTH 00 DEGREES 11 MINUTES 27 SECONDS EAST ALONG THE WEST BOUNDARY OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 18, 827.62 FEET;

THENCE SOUTH 89 DEGREES 48 MINUTES 33 SECONDS EAST 427.50 FEET TO THE WESTERLY RIGHT OF WAY LINE FOR STATE ROUTE 77:

THENCE SOUTHWESTERLY ALONG THE RIGHT-OF-WAY FOR STATE ROUTE 77 ON A NON-TANGENT CURVE TO THE LEFT HAVING A RADIUS OF 4744.57 FEET, PASSING THROUGH A CENTRAL ANGLE OF 04 DEGREES 49 MINUTES 46 SECONDS, AN ARC LENGTH OF 399.91 FEET;

THENCE SOUTH 85 DEGREES 37 MINUTES 00 SECONDS WEST, 202.84 FEET;

THENCE SOUTH 03 DEGREES 22 MINUTES 53 SECONDS WEST, 413.69 FEET TO THE EAST-WEST CENTER LINE OF SAID SECTION 18;

THENCE SOUTH 89 DEGREES 53 MINUTES 28 SECONDS WEST ALONG THE EAST-WEST CENTER LINE OF SAID SECTION 18, 160.58 FEET TO THE TRUE POINT OF BEGINNING; AND

FURTHER EXCEPT THAT PART OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18, DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTH HALF OF THE NORTHWEST OUARTER OF SAID SECTION 18:

THENCE SOUTH 89 DEGREES 57 MINUTES 37 SECONDS EAST FOR A DISTANCE OF 1312.20 FEET ALONG THE NORTH LINE OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18 TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED:

THENCE SOUTH 89 DEGREES 57 MINUTES 37 SECONDS EAST FOR A DISTANCE OF 532.02 FEET ALONG THE NORTH LINE OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18 TO A POINT ON THE WEST RIGHT-OF-WAY LINE OF STATE ROUTE 77; THENCE ALONG A CURVE CONCAVE TO THE LEFT, HAVING A RADIUS OF 4744.57 FEET AND AN ARC LENGTH OF 506.39 FEET, BEING SUBTENDED BY A CHORD OF SOUTH 12 DEGREES 06 MINUTES 45 SECONDS WEST, FOR A DISTANCE OF 506.15 FEET ALONG THE WEST RIGHT-OF-WAY LINE OF STATE ROUTE 77:

THENCE NORTH 89 DEGREES 53 MINUTES 41 SECONDS WEST FOR A DISTANCE OF 427.07 FEET ALONG THE NORTH PROPERTY LINE OF THE DIALYSIS CENTER TO A PLASTIC CAP RLS 29869;

THENCE NORTH 00 DEGREES 08 MINUTES 42 SECONDS EAST FOR A DISTANCE OF 494.47 FEET TO THE POINT OF BEGINNING.

Parcel 12:

Gila and Salt River Meridian, Arizona T. 8 S., R. 17 E., Sec. 17, NW¹/4, SW¹/4SE¹/4, E¹/2SW¹/4.

EXCEPT THAT PORTION DESCRIBED IN QUITCLAIM DEED RECORDED JANUARY 31, 2012 AS 2012-007458, OFFICIAL RECORDS. EXCEPTING THEREFROM ALL THE MINERALS IN THE LAND TOGETHER WITH ALL URANIUM, THORIUM OR ANY OTHER MATERIAL WHICH IS OR MAY BE DETERMINED TO BE PECULIARLY ESSENTIAL TO THE PRODUCTION OF

FISSIONABLE MATERIALS, WHETHER OR NOT OF COMMERCIAL VALUE, AS RESERVED IN THE PATENT TO THE LAND.

Parcel 13:

Gila and Salt River Meridian, Arizona T. 8 S., R. 17 E., sec. 7, Lots 2 through 4, E½SW¼, SW¼SE¼.

EXCEPT ANY PORTION LYING WITHIN THE STATE ROUTE 77 RIGHT-OF-WAY.

Parcel 14:

Gila and Salt River Meridian, Arizona T. 8 S., R. 16 E., sec. 12, W½NE¾, SE¾NE¾, NE¾SE¾.

*Survey required. Legal description and final acreage to be completed post survey.

Replace With:

f. Containing 3,120.16 acres of land located in Pinal County, Arizona based on BLM cadastral Survey Titled "Township 9 South, Range 17 East, of the Gila and Salt River Meridian, Arizona, Dependent Resurvey and Subdivision of Sections 3 and 4, officially filed August 5, 2019;

BLM cadastral Survey Titled "Township 8 South, Range 17 East, of the Gila and Salt River Meridian, Arizona, Dependent Resurvey, Subdivision of certain sections, and Metes-and-Bounds Surveys in Certain Sections", officially filed_August 5, 2019;

BLM cadastral Survey Titled "Township 8 South, Range 17 East, of the Gila and Salt River Meridian, Arizona, Metes-and-Bounds Surveys in the Northeast ¼ of Section 20" officially filed_February 21, 2020; and more specifically described as:

PARCEL 1:

Gila and Salt River Meridian, Arizona T. 9 S., R. 17 E., sec. 3, SW1/4, SW1/4.

The area described contains 40 acres.

PARCEL 2:

Gila and Salt River Meridian, Arizona
T. 9 S., R. 17 E.,
sec. 4, lots 3 and 4, S1/2NW1/4, W1/2NW1/4SE1/4, SW1/4SE1/4.

The area described contains 380.97 acres.

PARCEL 3:

Gila and Salt River Meridian, Arizona
T. 8 S., R. 17 E.,
sec. 33, W1/2NW1/4, SW1/4, N1/2NE1/4, SE1/4NE1/4, NE1/4NW1/4,
N1/2NE1/4SE1/4.

The area described contains 420 acres.

PARCEL 4:

Gila and Salt River Meridian, Arizona T. 8 S., R. 17 E., sec. 32, N1/2NE1/4, SE1/4NE1/4.

The area described contains 120 acres.

PARCEL 5:

Gila and Salt River Meridian, Arizona T. 8 S., R. 17 E., sec. 29, E1/2, E1/2NW1/4.

The area described contains 400 acres.

PARCEL 6:

Gila and Salt River Meridian, Arizona T. 8 S., R. 17 E., sec. 28, W1/2SW1/4, W1/2NW1/4. The area described contains 160 acres

PARCEL 7:

Gila and Salt River Meridian, Arizona T. 8 S., R. 17 E., sec. 21, SW1/4NW1/4, W1/2SW1/4. The area described contains 120 acres.

PARCEL 8:

Gila and Salt River Meridian, Arizona
T. 8 S., R. 17 E.,
sec. 20, SW1/4, SW1/4SE1/4, N1/2NE1/4 Parcel I, Parcel M.

The area described contains 468.45 acres.

PARCEL 9:

Gila and Salt River Meridian, Arizona T. 8 S., R. 17 E., sec. 20, N1/2SE1/4, SE1/4SE1/4, Parcel L.

The area described contains 155.96 acres.

PARCEL 10:

Gila and Salt River Meridian, Arizona T. 8 S., R. 17 E., sec. 19, Parcel H.

The area described contains 57.10 acres.

PARCEL 11:

Gila and Salt River Meridian, Arizona T. 8 S., R. 17 E., sec. 18, N1/2NE1/4, Parcel F, Parcel G.

The area described contains 134.15 acres.

PARCEL 12:

Gila and Salt River Meridian, Arizona T. 8 S., R. 17 E., sec. 17, NW1/4, SW1/4SE1/4, Parcel E.

The area described contains 274.24 acres.

PARCEL 13:

Gila and Salt River Meridian, Arizona
T. 8 S., R. 17 E.,
sec. 7, lots 2 through 4, Parcel A, Parcel B, Parcel C, Parcel D.

The area described contains 229.29 acres.

PARCEL 14:

Gila and Salt River Meridian, Arizona T. 8 S., R. 16 E., sec. 12, W1/2NE1/4, SE1/4NE1/4, NE1/4SE1/4.

The area described contains 160 acres.

Delete:

h. approximately 940* acres of land located in Santa Cruz County, Arizona, identified as "Lands to DOI" as generally depicted on the map entitled "Southeast Arizona Land Exchange and Conservation Act of 2011–Non-Federal Parcel–Appleton Ranch" and dated July 6, 2011 and more-specifically described as:

Parcel 1:

Gila and Salt River Meridian, Arizona T. 21 S., R. 18 E.

sec. 14, NW¹/₄SE¹/₄, E¹/₂NE¹/₄SW¹/₄.

Parcel 2:

Gila and Salt River Meridian, Arizona T. 21 S., R. 18 E., sec. 14, Lot 2, SW¹/₄NE¹/₄, E¹/₂SE¹/₄NW¹/₄.

EXCEPT the Northeast quarter of said Lot 2, as conveyed by Deed recorded in Docket 416 at page 491.

Note: the 'Northeast quarter of said Lot 2' is ambiguous and not a valid description.*

Parcel 3:

Gila and Salt River Meridian, Arizona T. 21 S., R. 18 E., sec. 14, Lot 3, SW¹/₄NW¹/₄, W¹/₂SE¹/₄NW¹/₄.

EXCEPT the Northeast quarter and the Southeast quarter of Lot 3, as conveyed by Deeds recorded in Docket 633 at page 134 and Docket 633 at page 135.

Note: the 'Northeast quarter and the Southeast quarter of Lot 3' is ambiguous and not a valid description.*

Parcel 4:

Gila and Salt River Meridian, Arizona T. 21 S., R. 18 E., sec. 14, Lot 4, NW¹/₄SW¹/₄, W¹/₂NE¹/₄SW¹/₄.

EXCEPT the West half of Lot 4, as conveyed by Deed recorded in Docket 545 at page 610; EXCEPT all coal and other minerals as reserved in the Patent from the United States of America.

Note: the 'West half of Lot 4' is ambiguous and not a valid description.*

Parcel 5:

Gila and Salt River Meridian, Arizona T. 21 S., R. 18 E., sec. 15, S½ Lot 4, S½NE¼, S½NW¼, N½SE¼.

EXCEPT all coal and other minerals as reserved in the Patent from the United States of America.

Note: the 'S½ Lot 4' is ambiguous and not a valid description.*

Parcel 6:

Gila and Salt River Meridian, Arizona T. 21 S., R. 18 E., sec. 17, E½.

Parcel 7:

Gila and Salt River Meridian, Arizona T. 21 S., R. 18 E., sec. 28.

More particularly described as follows:

BEGINNING at the corner common to Sections 21, 22, 27 and 28 of said Township and Range, a G.L.O. brass cap firmly set and properly marked;

THENCE South 89 degrees 58 minutes 00 Seconds West, 1,194.62 feet along and upon the North line of said Section 28;

THENCE South 01 degrees 29 minutes 22 seconds East, 1,102.46 feet;

THENCE North 85 degrees 45 minutes 02 seconds East, 549.81 feet;

THENCE South 26 degrees 42 minutes 49 Seconds East, 643.82 feet;

THENCE South 82 degrees 34 minutes 49 Seconds West, 642.26 feet;

THENCE North 89 degrees 59 minutes 20 seconds West, 1,043.72 feet;

THENCE South 68 degrees 15 minutes 26 seconds West, 1,020.59 feet;

THENCE North 08 degrees 35 minutes 36 seconds East, 2,119.11 feet to the North Quarter corner of said Section 28;

THENCE North 89 degrees 58 minutes 00 Seconds East, 1,445.41 feet along and upon the North line of Section 28 to the Point of Beginning.

Replace With:

h. Approximately 955.54 acres of land located in Santa Cruz County, Arizona based on BLM cadastral Survey Titled "Fractional Township 21 South, Range 18 East, of the Gila and Salt River Meridian, Arizona, Dependent Survey, Resurvey Subdivision of Sections 14 and 15 and Metes-and-Bounds Surveys in Sections 14, 15, and 28, officially filed July 29, 2019, and more specifically described as:

PARCEL 1:

Gila and Salt River Meridian, Arizona T. 21 S., R. 18 E., sec. 14, NW1/4SE1/4, E1/2NE1/4SW1/4.

The area described contains 60 acres.

PARCEL 2:

Gila and Salt River Meridian, Arizona
T. 21 S., R. 18 E.,
sec. 14, lot 5, SW1/4NE1/4, E1/2SE1/4NW1/4.

The area described contains 85.20 acres.

^{*}Survey required. Legal description and final acreage to be completed post survey.

PARCEL 3:

Gila and Salt River Meridian, Arizona
T. 21S., R. 18 E.,
sec. 14, lot 6, SW1/4NW1/4, W1/2SE1/4NW1/4.

The area described contains 76.19 acres.

PARCEL 4:

Gila and Salt River Meridian, Arizona
T. 21 S., R. 18 E.,
sec. 14, lot 7, NW1/4SW1/4, W1/2NE1/4SW1/4.

The area described contains 77.57 acres.

PARCEL 5:

Gila and Salt River Meridian, Arizona
T. 21S., R. 18 E.,
sec. 15, lot 5, S1/2NE1/4, S1/2NW1/4, N1/2SE1/4.

The area described contains 259.89 acres.

PARCEL 6:

Gila and Salt River Meridian, Arizona T. 21 S., R. 18 E., sec. 17, E1/2.

The area described contains 320 acres.

PARCEL 7:

Gila and Salt River Meridian, Arizona T. 21 S., R. 18 E., sec. 28, Parcel F.

The area described contains 76.69 acres.

Exhibit B:

Delete: All

Replace With:

EXHIBIT B

Property that the U.S.D.A. Forest Service will exchange:

Approximately 2,422.11 acres of land located in Pinal County, Arizona, based on BLM cadastral Survey Titled "Partially Surveyed Township 1 South, Range 13 East, of the Gila and Salt River Meridian, Arizona, Supplemental plat of tracts 49 and 50", February 13, 2020 and more specifically described as follows:

Gila and Salt River Meridian, Arizona
T. 1 S., R. 13 E., partly surveyed
Tracts 49 and 50.
T. 2 S., R. 12 E.,
Tract 37.
T. 2 S., R. 13 E., partly surveyed
sec. 6.

Land reservations of the <u>U.S.D.A. Forest Service</u>, exceptions to title and uses to be recognized:

Reservations: None

<u>Outstanding Rights</u>: Unpatented mining claims, per list shown in Exhibit C. Note: The conveyance will include all title of the United States in such unpatented mining claims such that Resolution will own the minerals in fee.

Other:

United States Department of Interior Easement for Right-of-Way for Electric Transmission Line granted to Arizona Public Service Company, dated 12/22/75. Federal parcel will be conveyed subject to the easement. GLO401905 APS 500KV POWERLINE

Permit to Salt River Project Agricultural Improvement and Power District for an overhead transmission line Amendment dated 5/21/74. At closing, Resolution shall grant a replacement authorization to Salt River Project Agricultural Improvement and Power District for those sections involved in the conveyance. It shall contain terms at least equivalent to those in the permit. GLO401143 SRP PERMIT

Highway Easement Deed granted to State of Arizona, recorded on 3/18/91 in the records of Pinal County, Arizona. Federal parcel will be conveyed subject to the easement. GLO101208 ADOT US60 EASEMENT

Permit to Salt River Project Agricultural Improvement and Power District for an overhead transmission line Amendment dated 7/8/85. At closing, Resolution shall grant a

replacement authorization to Salt River Project Agricultural Improvement and Power District for those sections involved in the conveyance. It shall contain terms at least equivalent to those in the permit. Forest Service shall amend the permit to reflect those deletions, GLO401137 OAK FLAT 115KV PERMIT

Permit to Qwest/Century Link for a telephone line dated 5/21/74. At closing, Resolution shall grant a replacement easement to Qwest/Century Link those sections involved in the conveyance. It shall contain terms at least equivalent to those in the permit. MASTER SPECIAL USE PERMIT FO209

Permit to Arizona Highway Department for fence dated 2/16/65. Forest Service shall terminate the permit at or before closing. (Affects T. 1 S., R. 13 E., sec. 28)

Permit issued to Pinal County Highway Department for road maintenance and relocation, dated 11/18/64. Forest Service shall terminate the permit at or before closing. (Affects T. 1 S., R. 13 E., sec. 28)

FLPMA Permit issued to Magma Copper Company for a road. Resolution shall obtain a relinquishment from Magma Copper Company for the permit. At closing, Forest Service shall terminate the permit. (Affects T. 1 S., R. 13 E., sec. 29)

Term Grazing Permit issued to Integrity Land and Cattle, dated 1/12/15. At closing, Resolution shall provide a permit relinquishment on behalf of Integrity Land and Cattle. (Affects all federal lands)

Withdrawal - Public Land Order (PLO) 1229, dated September 27, 1955 withdrew 760 acres (in addition to other lands) in T.1 S., R.13 E., Gila & Salt River Meridian from 'all forms of appropriation under the public land laws, including the mining but not mineral leasing laws' and reserved these lands for use as campgrounds, recreation areas, or for other public purposes (20 CFR 7226). In 1971 Public Land Order 1229 was modified by PLO 5132 (36 CFR 19029) which opened up the withdrawn lands to all forms of appropriation applicable to Forest Service lands except the U.S. mining laws. (Affects T. 1 S., R. 13 E., sections 28, 29, 32, and 33) Legislation provides for revocation.

Exhibit C:

Delete: All

Replace With:

EXHIBIT C

Water Rights to be conveyed to the United States:

Lower San Pedro River - Table 1

Water Right/	55-624632	55-624625	55-643806	55-225451	55-225452	55-225453	36-102337
Application/	35-23343	GWSI	GWSI				
Registration	GWSI	32421211037	32431611037				
No.	32413611037	1501	3801				
	1601						
Current	Swift Current	Swift Current	Swift Current	Swift Current	Swift Current	Swift Current	Swift Current
Owner	Land and	Land and	Land and	Land and	Land and	Land and	Land and
	Cattle LLC	Cattle LLC	Cattle LLC	Cattle LLC	Cattle LLC	Cattle LLC	Cattle LLC
Location	SE1/4SE1/4NE1/4	NE ¹ / ₄ SE ¹ / ₄ SE ¹ / ₄	NW1/4SE1/4	SW ¹ / ₄ NW ¹ / ₄	SE¼NW¼	SW1/4NW1/4	SW1/4 Sec. 33,
	Sec. 32, T8S,	Sec. 29, T8S,	Sec. 20, T8S,	SE¼	NW1/4	SW1/4	T8S, R17E
	R17E	R17E	R17E	Sec. 20, T8S,	Sec. 20, T8S,	Sec. 20, T8S,	
				R17E	R17E	R17E	
Original	Stockwatering	Irrigation	Domestic	Environmental	Environmental	Environmental	Irrigation
Reported Use	D08017032A			Monitoring	Monitoring/	Monitoring/	
	DD				Piezometer	Piezometer	

Appleton Ranch - Table 1

Water Right/	38-94410	38-94411	38-94412	39-94418	39-94394	55-566294
Application/						
Registration						
No.						
Current Owner	Marc Francis	Marc Francis	Marc Francis	Peter Bryce &	Aerial	Swift Current
	Appleton	Appleton	Appleton	Susan	Appleton	Land and Cattle
				Appleton		LLC
Location	NE ¹ / ₄ SW ¹ / ₄	NE ¹ / ₄ SW ¹ / ₄	NW ¹ / ₄ SE ¹ / ₄	NW ¹ / ₄ SW ¹ / ₄ Sec.	NE ¹ / ₄ SE ¹ / ₄	NW¹/4NW¹/4
	Sec. 14, T21S,	Sec. 14, T21S,	Sec. 15, T21S,	14, T21S, R18E	Sec. 15, T21S,	SW ¹ / ₄
	R18E	R18E	R18E		R18E	Sec. 15, T21S,
						R18E
Original	Wildlife	Wildlife	Wildlife	Stockwatering	Wildlife	Wildlife
Reported Use	Conservation	Conservation	Conservation		Conservation	Conservation

Appleton Ranch - Table 2

Water Right/	3A-1830	4A-4333	38-94398	38-94399	38-94400	38-94401
Application/	WR#2564	WR#2569				
Registration		A-2640				
No.						
Current Owner	Peter Bryce	Peter Bryce	Peter Bryce	Aerial	Aerial	Aerial
	Appleton	Appleton	Appleton	Appleton	Appleton	Appleton
Location	NW1/4SW1/4	NW1/4SW1/4	SW1/4NW1/4	SW1/4NW1/4	SW1/4NW1/4	SW1/4NW1/4
	Sec. 14, T21S,	Sec. 14, T21S,	Sec. 15, T21S,	Sec. 15, T21S,	Sec. 15, T21S,	Sec. 15, T21S,
	R18E	R18E	R18E	R18E	R18E	R18E
Original	Stockwatering	Stockwatering	Wildlife	Wildlife	Wildlife	Wildlife
Reported Use			Conservation	Conservation	Conservation	Conservation

Appleton Ranch - Table 3

Water Right/ Application/ Registration No.	38-94402	38-94396	38-94397	38-94393	38-94403	38-94404
Current Owner	Aerial	Aerial	Aerial	Aerial	Aerial	Aerial
	Appleton	Appleton	Appleton	Appleton	Appleton	Appleton
Location	SW1/4NW1/4	NW¹/4NW¹/4	NW¹/4NW¹/4	NW¹/4NW¹/4	NW¹/4NW¹/4	SE1/4NW1/4
	Sec. 15, T21S,					
	R18E	R18E	R18E	R18E	R18E	R18E
Original	Wildlife	Wildlife	Wildlife	Wildlife	Wildlife	Wildlife
Reported Use	Conservation	Conservation	Conservation	Conservation	Conservation	Conservation

Appleton Ranch - Table 4

Water Right/ Application/ Registration No.	38-94405	38-94419	55-648930	38-94420	55-650978
Current Owner	Aerial	Peter Bryce	Swift Current Land	Peter Bryce	Swift Current Land
	Appleton	Appleton, et al.	and Cattle LLC	Appleton, et al.	and Cattle LLC
Location	SE ¹ / ₄ NW ¹ / ₄	SW ¹ / ₄ NE ¹ / ₄	NW ¹ / ₄ SW ¹ / ₄ NE ¹ / ₄	SE ¹ / ₄ SE ¹ / ₄	NW ¹ / ₄ NW ¹ / ₄ NE ¹ / ₄
	Sec. 15, T21S,	Sec. 17, T21S,	Sec. 17, T21S,	Sec. 17, T21S,	Sec. 28, T21S,
	R18E	R18E	R18E	R18E	R18E
Original Reported Use	Wildlife Conservation	Wildlife Conservation	Wildlife Conservation	Wildlife Conservation	Domestic, Stock, Fire Prevention

All other terms and conditions of the Agreement to Initiate dated December 6, 2017 remain unchanged.

have been signed by eac Parties need not sign the		delive	red to the other Parties; it being understood that all
1+ 20 2020 Date		BY:	Signature
	Approved as to form RCML legal April 20, 2020 By: Karlene Martorana		Printed Name Vice Pression Title Resolution Copper Mining, LLC, a Delaware limited liability company By: Resolution Copper Company, as Manager and not on its own behalf
Date	_	BY:	Signature
			Printed Name U.S. Department of Agriculture Forest Service
Date	_	BY:	Signature
•			Printed Name U.S. Department of the Interior Bureau of Land Management

This Agreement may be executed in several counterparts, each of which shall be deemed an original and all of which shall constitute one and the same instrument, and shall become effective when counterparts

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0105. The time required to complete this information collection is estimated to average 3 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

This Agreement may be executed in several counterparts, each of which shall be deemed an original and all of which shall constitute one and the same instrument, and shall become effective when counterparts have been signed by each of the Parties and delivered to the other Parties; it being understood that all Parties need not sign the same counterparts.

	BY:	
Date	Sign	nature
	Prin	ted Name
	Title	
	limi By:	olution Copper Mining, LLC, a Delaware ted liability company Resolution Copper Company, as Manager and on its own behalf
Date		Digitally signed by NEIL BOSWORTH Date: 2020.04.20 11:58:11 -07'00' nature
	U.S.	ted Name . Department of Agriculture est Service
Date	BY:	nature
	U.S.	ted Name . Department of the Interior eau of Land Management

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0105. The time required to complete this information collection is estimated to average 3 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

This Agreement may be executed in several counterparts, each of which shall be deemed an original and all of which shall constitute one and the same instrument, and shall become effective when counterparts have been signed by each of the Parties and delivered to the other Parties; it being understood that all Parties need not sign the same counterparts.

	BY:	
Date	ы.	Signature
		Printed Name
		Title
		Resolution Copper Mining, LLC, a Delaware limited liability company By: Resolution Copper Company, as Manager and not on its own behalf
Date	BY:	Signature
		Printed Name U.S. Department of Agriculture Forest Service
 Date	BY:	A. Scott Feldhausen Signature
		ANTHONY FELDHAUSEN FELDHAUSEN Date: 2020.04.17 15:14:32-07'00' Printed Name U.S. Department of the Interior Bureau of Land Management

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0105. The time required to complete this information collection is estimated to average 3 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

APPENDIX D

EDR
Environmental
LienSearch
Report with
Recorded Deeds

Lower San Pedro

Lower San Pedro San Manuel, AZ 85631

Inquiry Number: 6085236.1

June 29, 2020

EDR Environmental Lien and AUL Search



EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- · search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.

Please contact EDR at 1-800-352-0050 with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2017 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

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

EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

Lower San Pedro Lower San Pedro San Manuel, AZ 85631

ENVIRONMENTAL LIEN			
Environmental Lien:	Found	Not Found	×
OTHER ACTIVITY AND HOT LIMIT	TATIONIO (ALII)		
OTHER ACTIVITY AND USE LIMI	IATIONS (AULS)		
Alli s.	Found \square	Not Found	₩

RESEARCH SOURCE

Source 1:

PINAL COUNTY CLERK Pinal, AZ

PROPERTY INFORMATION

Deed 1:

Type of Deed: WARRANTY DEED

Title is vested in: RESOLUTION COPPER MINING, LLC
Title received from: SWIFT CURRENT LAND & CATTLE, LLC

 Deed Dated
 3/24/2020

 Deed Recorded:
 4/8/2020

 Book:
 NA

 Page:
 NA

 Volume:
 NA

Instrument: 2020-033695

Docket: NA

Land Record Comments: Miscellaneous Comments:

Legal Description: SEE EXHIBIT

Legal Current Owner: RESOLUTION COPPER MINING, LLC

Parcel #/ Property Identifier: 307050020, 307050060, 307050050, 307050040, 306250060, 306070080, 306250010,

306070060, 306070050, 30607004A, 30614001A, 30607002C, 30607002D, 306090030,

306030020, 30607003A, 306330100

Comments: SEE EXHIBIT

Deed 2:

Type of Deed: WARRANTY DEED

Title is vested in: SWIFT CURRENT LAND & CATTLE, LLC

Title received from: BHP COPPER INC.

 Deed Dated
 3/26/2004

 Deed Recorded:
 3/26/2004

 Book:
 NA

 Page:
 NA

 Volume:
 NA

Instrument: 2004-021434

Docket: NA

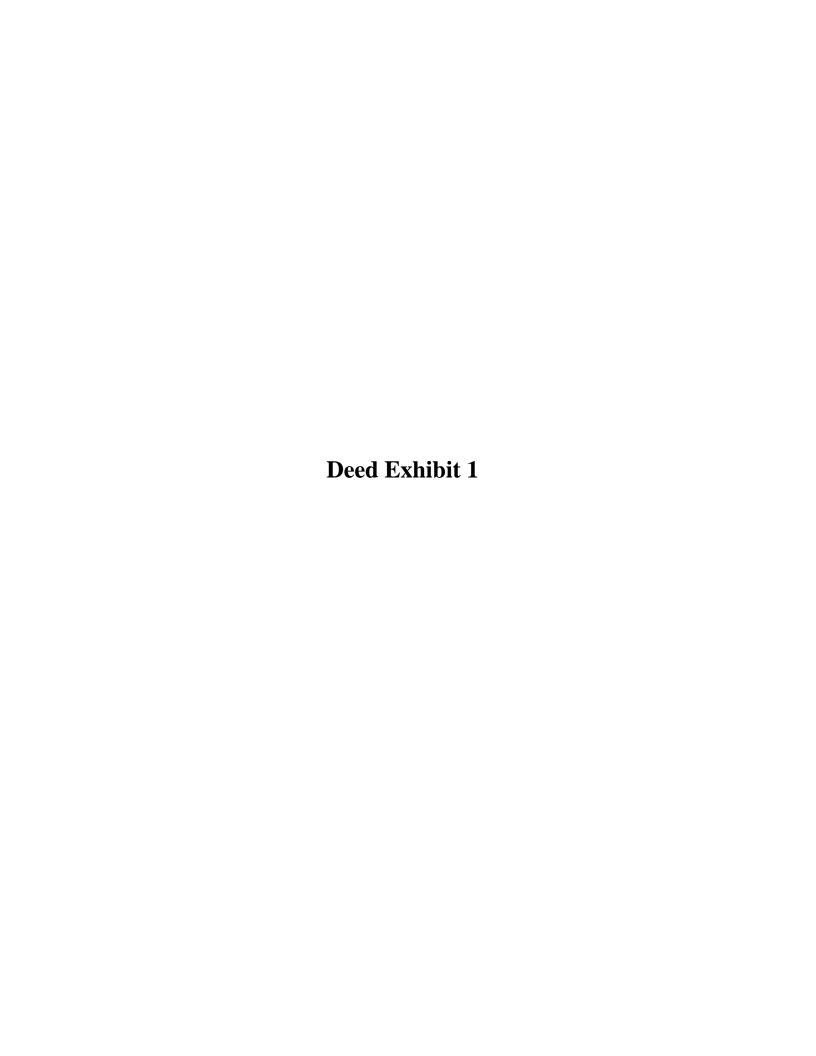
Land Record Comments: Miscellaneous Comments:

Legal Description: SEE EXHIBIT

Legal Current Owner: SWIFT CURRENT LAND & CATTLE, LLC

Parcel # / Property Identifier: 306330090

Comments: SEE EXHIBIT





OFFICIAL RECORDS OF PINAL COUNTY RECORDER Virginia Ross

Electronically Recorded

DATE/TIME:

04/08/2020 1514

FEE:

PAGES:

\$30.00

13

Resolution Copper Mining LLC

Attn: Legal Department

After recording return to:

102 Magma Heights, Box 1944

Superior, AZ, 85173

Exempt pursuant to A.R.S. § 11-1134.B.7(b)

. __

FEE NUMBER: 2020-033695

WARRANTY DEED

FOR THE CONSIDERATION of Ten Dollars (\$10.00) and other valuable considerations, SWIFT CURRENT LAND & CATTLE LLC, whose address is 102 Magma Heights, Box 1944, Superior, AZ 85173, ("Grantor") does hereby convey to RESOLUTION COPPER MINING LLC, a Delaware limited liability company, whose address is 102 Magma Heights, Box 1944, Superior, AZ 85173; that certain real property situated in Pinal County, Arizona, more particularly described in Exhibit A (the "Property"), together with the water rights and claims described in Exhibit B, attached hereto and by this reference incorporated herein;

TOGETHER WITH all associated rights, water rights, tenements, hereditaments and appurtenances thereto belonging, or otherwise appertaining thereto;

SUBJECT TO:

- 1. Current taxes;
- 2. All matters of record in the official records of Pinal County, or would be apparent by an inspection of the property conveyed hereby;
- 3. Reservations in patents from the United States of America or the State of Arizona.

TO HAVE AND TO HOLD the same, together-with the appurtenances and privileges thereunto incident, unto the Grantee, its successors and assigns forever.

GRANTOR WARRANTS title to the Property against all persons whomsoever, subject only to those matters described above.

Presented for recording without liability for acceptability or sufficiency by FIRST AMERICAN TITLE

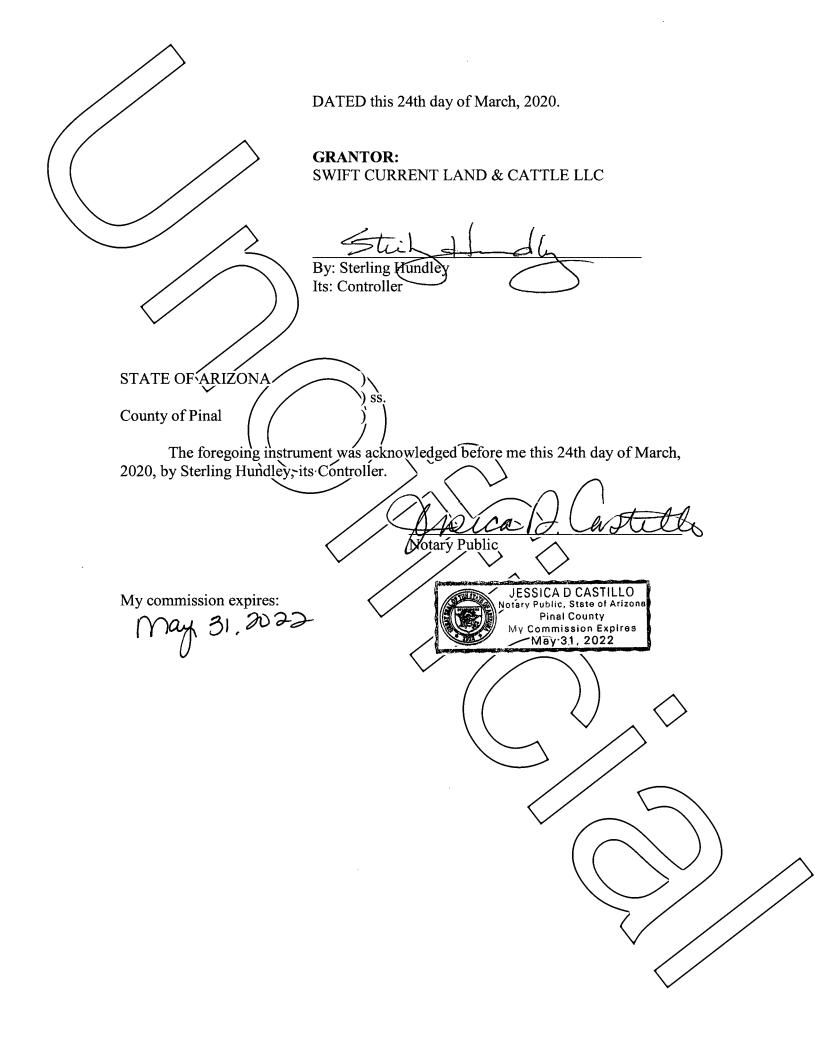


EXHIBIT A

PARCEL 1:

THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 9 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCÉL 2:

LOTS 3 AND 4; THÉ SOUTHEAST QUARTER OF THE NORTHWEST QUARTER; THE WEST HALF OF THE NORTHWEST OF THE SOUTHEAST QUARTER; THE SOUTHWEST QUARTER; THE SOUTHWEST QUARTER; AND THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 4 TOWNSHIP 9 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MÉRIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 3:

THE WEST HALF OF THE NORTHWEST QUARTER; THE NORTH HALF OF THE SOUTHWEST QUARTER; THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER; THE SOUTHWEST QUARTER; THE NORTH HALF OF THE NORTHEAST QUARTER; THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER; THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER; THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER; AND THE NORTH HALF OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 33, TOWNSHIP 8-SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

EXCEPT ALL MINERALS RESERVED IN THE EAST HALF OF THE NORTHEAST QUARTER, THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER AND THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 33 PURSUANT TO PATENT NO. 1122445 FROM THE UNITED STATES, RÉCORDED AT BOOK 81 PAGE 559, IN THE RECORDS OF THE PINAL COUNTY RECORDER.

PARCEL 4:

THE NORTH HALF OF THE NORTHEAST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 32, TOWNSHIP 8

SOÚTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 5:

THE ÉAST HALF AND THE EAST HALF OF THE NORTHWEST QUARTER OF SECTION 29, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE ÁND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL'6:

THE WEST HALF OF THE WEST HALF OF SECTION 28, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 7:

THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER AND THE WEST HALF OF THE SOUTHWEST QUARTER OF SECTION 21, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

EXCEPT ALL MINERALS RESERVED PURSUANT TO PATENT NO. 1122591 FROM THE UNITED STATES, RECORDED AT BOOK 82 PAGE 152, IN THE RECORDS OF THE PINAL COUNTY RECORDER'S OFFICE.

PARCEL 8:

THE WEST HALF; THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER AND THE SOUTHEAST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA-AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

EXCEPTING A PARCEL OF LAND LOCATED IN THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 17 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA, DESCRIBED AS FOLLOWS:

COMMENCING AT THE EAST QUARTER CORNER OF SAID SECTION 20;

THÉNCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST ALONG THE CENTER SECTION LINE OF SAID SECTION 20 FOR A DISTANCE OF 1165.09 FEET TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED;

THENCE SOUTH'88 DEGREES 25 MINUTES 07 SECONDS WEST FOR A DISTANCE OF 39.66 FEET ALONG THE ABOVE SAID CENTER SECTION LINE TO A POINT HEREAFTER REFERRED TO AS POINT "A";

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST ALONG THE ABOVE SAID CENTER SECTION LINE FOR A DISTANCE OF 376.27 FEET TO A SET 5/8 INCH REBAR;

THÈNĆE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 133.54 FEET TO A POINT HEREAFTER REFERRED TO AS POINT "B";

THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 442.77/FEET TO A SET 5/8 INCH REBAR;

THENCE NORTH 72 DEGREES 29 MINUTES 09 SECONDS EAST FOR A DISTANCE OF 435.98 FEET-TO A SET 5/8 INCH REBAR;

THENCE SOUTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 696.04 FEET TO THE POINT OF BEGINNING;

EXCEPT ALL MINERALS RESERVED PURSUANT TO PATENT NO. 1122591 FROM THE UNITED STATES, RECORDED AT BOOK 82 PAGE 152, IN THE RECORDS OF THE PINAL COUNTY RECORDER'S OFFICE.

PARCEL 9:

THE NORTH HALF OF THE SOUTHEAST QUARTER; THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER AND THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

EXCEPTING A PARCEL OF LAND LOCATED IN THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 17 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA, DESCRIBED AS FOLLOWS:

COMMENCING AT THE EAST QUARTER CORNER OF SAID SECTION.20;-

THÉNCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST ALONG THE CENTER SECTION LINE EOF SAID SECTION 20 FOR A DISTANCE OF 1165.09 FEET TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED;

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST FOR A DISTANCE OF 39.66 FEET ALONG THE ABOVE SAID CENTER SECTION LINE TO A POINT HEREAFTER REFERRED TO AS POINT "A";

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST ALONG THE ABOVE SAID CENTER SECTION LINE FOR A DISTANCE OF 376.27 FEET TO A SET 5/8 INCH REBAR;

THÈNCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE EOF 133.54 FEET TO A POINT HEREAFTER REFERRED TO AS POINT "B":

THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 442.77/FEET TO A SET 5/8 INCH REBAR;

THENCE NORTH 72 DEGREES 29 MÍNUTES 09 SECONDS EAST FOR A DISTANCE OF 435.98 FEET-TÓ A SÉT 5/8 INCH/REBAR;

THENCE SOUTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 696.04 FEET TO THE POINT OF BEGINNING.

PARCEL 10:

THE EAST HALF OF THE NORTHEAST QUARTER AND THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 19, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA;

EXCEPT THAT PORTION THEREOF CONVEYED BY FRANK SMITH COMRANY, A CORPORATION TO ARIZONA RARE METALS COMPANY, A CORPORATION, BY DEED DATED APRIL 7, 1916, RECORDED APRIL 15, 1916, IN BOOK 30 OF DEEDS, PAGE 402, RECORDS OF PINAL COUNTY, ARIZONA; AND

EXCEPT THAT PORTION THEREOF LYING WITHIN THE SANTA CATALINA MILLSITE; AND

EXCEPT THAT PORTION THEREOF LYING WITHIN THE TOWNSITE OF MAMMOTH, ACCORDING TO THE PLAT THEREOF OF RECORD IN THE OFFICE OF THE COUNTY RECORDER OF PINAL COUNTY, ARIZONA; AND

FURTHER EXCEPT THAT PORTION DESCRIBED AS COMMENCING AT THE ÉAST QUARTER CORNER OF SAID SECTION 19;

THENCE SOUTH 88 DEGREES 45 MINUTES 05 SECONDS WEST ALONG THE CENTER SECTION LINE A DISTANCE OF 532.18 FEET TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED BED;

THENCE SOUTH'36 DEGREES 30 MINUTES 39 SECONDS EAST FOR A DISTANCE OF 124:13 FEET TO A SET 5/8 INCH STEEL PIN;

THENCÉ SOUTH 57 DEGREES 29 MINUTES 27 SECONDS WEST FOR A DISTANCE OF 260.64/FEET TO A SET 5/8 INCH STEEL PIN ON THE EAST LINE OF MAMMOTH TOWNSITE;

THENCE NORTH 36 DEGREES 30 MINUTES 39 SECONDS WEST FOR A DISTANCE OF 224.71 FEET ALONG THE EAST LINE OF MAMMOTH TOWNSITE TO A FOUND ONE INCH STEEL PIN;

THENCE NORTH 48 DEGREES 14 MINUTES 43 SECONDS WEST FOR A DISTANCE OF 77.89 FEET ALONG THE EAST-LINE OF MAMMOTH TOWNSITE TO A FOUND ONE INCH-STEEL PIN;

THENCE NORTH 88 DEGREES 45 MINUTÉS 05 SECONDS EAST FOR A DISTANCE OF 337.83 FEET TO THE POINT OF BEGINNING, AND

FURTHER EXCEPT THAT PORTION DESCRIBED AS COMMENCING AT THE EAST QUARTER CORNER OF SAID SECTION 19;

THENCE SOUTH 88 DEGREES 45 MINUTES 05 SÉCONDS WEST ALONG THE CENTER SECTION LINE A DISTANCE OF 532.18 FEET TO A-ROINT;

THENCE SOUTH 36 DEGREES 30 MINUTES 39 SECONDS EAST A DISTANCE OF 124.13 FEET TO THE POINT OF BEGINNING;

THENCE SOUTH 36 DEGREES 30 MINUTES 39 SECONDS EAST FOR A DISTANCE OF 307.55 TO A SET 5/8 INCH STEEL PIN ON-THE NORTH RIGHT-OF-WAY LINE OF BLUEBIRD STREET;

THENCE SOUTH 53 DEGREES 29 MINUTES 21 SECONDS WEST FOR A DISTANCE OF 260.00 FEET ALONG THE NORTH RIGHT-OF-WAY LINE OF BLUEBIRD STREET TO A FOUND 1/2 INCH REBAR;

THENCE NORTH 36 DEGREES 30 MINUTES 39 SECONDS WEST, FOR A DISTANCE OF 325.74 FEET ALONG THE EAST LINE OF MAMMOTH TOWNSITE TO A SET 5/8 INCH REBAR;

THÉNCE NORTH 57 DEGREES 29 MINUTES 27 SECONDS EAST FOR A DISTANCE OF 260.64 FEET TO THE POINT OF BEGINNING; AND,

FURTHER EXCÉPT THAT PORTION OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 19, DESCRIBED AS FOLLOWS;

COMMENCING AT THE EAST QUARTER CORNER OF SAID SECTION 19;

-THENCE SOUTH 01 DEGREES 26 MINUTES 07 SECONDS EAST, A DISTANCE OF 756.29-FEET-ALONG THE EAST LINE OF SAID SECTION 19 TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED;

THÈNĆE SOUTH 01/DEGREES 26 MINUTES 07 SECONDS EAST FOR A DISTANCE OF 452.53/FEET ALONG THE EAST LINE OF SAID SECTION 19 TO A POINT:

THENCE NORTH 36 DEGREES 30 MINUTES 10 SECONDS WEST FOR A DISTANCE OF 814.85 FEET ALONG THE EAST LINE OF MAMMOTH TOWNSITE TO A POINT ON THE SOUTH RIGHT, OF WAY LINE OF BLUEBIRD STREET;

THENCE NORTH 53 DEGREES 29 MINUTES 21 SECONDS EAST FOR A DISTANCE OF 260.00 FEET ALONG THE SOUTH RIGHT-OF-WAY LINE OF BLUEBIRD STREET TO A POINT;

THENCE SOUTH 36 DEGREES 30 MINUTES 10 SECONDS EAST FOR A DISTANCE OF 444.50 FEET TO THE POINT OF BEGINNING.

PARCEL 11:

LOT 1; THE NORTH HALF OF THE NORTHEAST QUARTER; THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 18, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA;

EXCEPT ANY PORTION LYING WITHIN STATE HÌGHWAY 77-177 RIGHT OF WAY; AND

EXCEPT THAT PART OF THE NORTH HALF OF THE NORTHWEST QUARTER' OF SAID SECTION 18 DESCRIBED AS:

COMMENCING AT THE SOUTHWEST CORNER OF THE NORTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18, SAID POINT BEING THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED:

THÉNCE NORTH 00 DEGREES 15 MINUTES 15 SECONDS WEST ALONG THE WEST LINE OF SAID SECTION 18 A DISTANCE OF 85.86 FEET TO A POINT;

THENCE NORTH 39 DEGREES 54 MINUTES 19 SECONDS EAST A DISTANCE OF 1231.61-FEET TO A POINT;

THENCE SOUTH 63 DEGREES 21 MINUTES 53 SECONDS EAST A DISTANCE OF TIS 16.37 FEET TO A POINT ON THE WEST RIGHT-OF-WAY LINE OF STATE -ROUTE NO. 77;

THENCÉ SOUTH 16 DEGREES 00 MINUTES 53 SECONDS WEST ALONG SAID RIGHT-OF-WAY LINE A DISTANCE OF 174.25 FEET TO A RIGHT-OF-WAY MONUMENT;

THENCE SOUTHWESTERLY-ALONG A SPIRAL TRANSITION CURVE TO THE LEFT HAVING A CORD OF 284.12 FEET AND A CORD BEARING OF SOUTH 15 MINUTES 07 DEGRÉES 09 MINUTES WEST;

THENCE NORTH 89 DEGREES 57 MINUTES 37 SECONDS WEST A DISTANCE OF 1844.22 FEET TO THE POINT OF BEGINNING; AND

EXCEPT THAT PART OF THE NORTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18, DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID SECTION 18, SAID POINT BEING THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED;

THENCE SOUTH 69 DEGREES 27 MINUTES 06 SECONDS EAST A DISTANCE OF 849.67 FEET TO A POINT;

THENCE SOUTH 39 DEGREES 54 MINUTES 19 SECONDS WEST A DISTANCE OF 1231.61 FEET TO A POINT ON THE WEST LINE OF SAID SECTION 18;

THENCE NORTH 00 DEGREES 15 MINUTES 15 SECONDS WEST ALONG THE WEST LINE OF SAID SECTION 18 A DISTANCE OF 1243.02 FEET TO THE POINT OF BEGINNING; AND

FURTHER EXCEPT THAT PARCEL OF SAID SECTION 18:

BEGINNING AT THE CENTER OF SECTION 18:

THENCE SOUTH 89 DEGREES 52 MINUTES 44 SECONDS WEST FOR A DISTANCE OF 940.24 FEET TO THE SOUTHEAST CORNER OF SAID PARCEL AND THE TRUE POINT OF BEGINNING;

THÉNCE ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 4683.66 FEET AND AN ARC LENGTH OF 428.49 FEET, BEING SUBTENDED BY A CORD OF NORTH 01 DEGREES 08 MINUTES 41 SECONDS EAST FOR A DISTANCE OF 428.34 FEET;

THENCE SOUTH 85 DEGREES 30 MINUTES 57 SECONDS WEST FOR A DISTANCE OF 202.88 FEET;

THENCE SOUTH 03 DEGREES 22 MINUTES 03 SECONDS WEST FOR A DISTANCE OF 413.57 FEET;

THENCE NORTH 89 DEGREES 52 MINUTES 44 SECONDS EAST FOR A DISTANCE OF 218.00 FEET TO THE TRUE POINT OF BEGINNING; AND

FURTHER EXCEPT A PARGEL-OF LAND IN SAID SECTION 18:

BEGINNING AT THE WEST QUARTER CORNER OF SAID SECTION 18;

THENCE NORTH 89 DEGREES 44, MINUTES 58 SECONDS EAST 1302.21 FEET TO THE TRUE POINT, OF BEGINNING;

THENCE NORTH 00 DEGREES 11 MINUTES 27 SECONDS EAST ALONG THE WEST BOUNDARY OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 18, 827.62 FEET;

THENCE SOUTH 89 DEGREES. 48 MINUTES 33. SECONDS EAST 427.50 FEET TO THE WESTERLY RIGHT OF WAY LINE FOR STATE ROUTE 77;

THENCE SOUTHWESTERLY ALONG THE RIGHT OF WAY FOR STATE ROUTE 77 ON A NON TANGENT CURVE TO THE LEFT HAVING.A-RADIUS OF 4744.57 FEET, PASSING THROUGH A CENTRAL ANGLE OF 04 DEGREES 49 MINUTES 46 SECONDS, AN ARC LENGTH OF 399.91 FEET;

THENCE SOUTH 85 DEGREES 37 MINUTES 00 SECONDS WEST, 202.84 FEET;

THENCE SOUTH 03 DEGREES 22 MINUTES 53 SÉCONDS-WEST, 413:69 ÉEET TO THE EAST-WEST CENTER LINE OF SAID SECTION 18;

THENCE SOUTH 89 DEGREES 53 MINUTES 28 SECONDS WEST ALONG THE EAST-WEST CENTERLINE OF SAID SECTION 18, 160.58 FEET TO THE TRUE POINT OF BEGINNING; AND

FURTHER EXCEPT THAT PART OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18, DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18;

THENCE SOUTH 89 DEGREES 57 MINUTES 37 SECONDS EAST FOR A DISTANCE OF 1312.20 FEET ALONG THE NORTH LINE OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18 TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED:

THÉNCE SOUTH 89 DEGREES 57 MINUTES 37 SECONDS EAST FOR A DISTANCE OF 532:02 FEET ALONG THE NORTH LINE OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18 TO A POINT ON THE WEST RIGHT-OF-WAY LINE OF STATE ROUTE 77;

THENCE ALONG A CURVE CONCAVE TO THE LEFT, HAVING A RADIUS OF 4744.57 FEET AND AN ARC-LENGTH OF 506.39 FEET, BEING SUBTENDED BY A CHORD OF SOUTH-12 DEGREES 06 MINUTES 45 SECONDS WEST, FOR A DISTANCE OF 506.15 FEET ALONG THE WEST RIGHT-OF-WAY LINE OF STATE ROUTE 77;

THENCE NORTH 89 DEGREES 53 MINUTES 41 SECONDS WEST FOR A DISTANCE OF 427.07 FEET-ALONG THE NORTH PROPERTY LINE OF THE DIALYSIS CENTER TO A.P.LASTIC CAP RLS 29869;

THENCE NORTH 00 DEGREES 08 MINUTES 42 SECONDS EAST FOR A DISTANCE OF 494.47 FEET TO THE POINT OF BEGINNING,

PARCEL 12:

THE NORTHWEST QUARTER; THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER AND THE EAST HALF OF THE SOUTHWEST QUARTER OF SECTION 17, TOWNSHIP 8 SOUTH, KANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA,

EXCEPT ALL MINERALS RESERVED PURSUANT TO PATENT NO. 1122591 FROM THE UNITED STATES, RECORDED AT BOOK 82.PAGE 152, IN THE RECORDS OF THE PINAL COUNTY RECORDER'S OFFICE.

PARCEL 13:

LOTS 2, 3 AND 4; THE EAST HALF OF THE SOUTHWEST QUARTER AND THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 7
TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT'RÎVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

EXĆEPT ANY PORTION LYING WITHIN THE STATE ROUTE 77 RIGHT OF WAY.

PARCEL 14:

THE-WEST HALF OF THE NORTHEAST QUARTER; THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER; AND THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12, TOWNSHIP 8 SOUTH, RANGE 16 EAST OF THE-GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

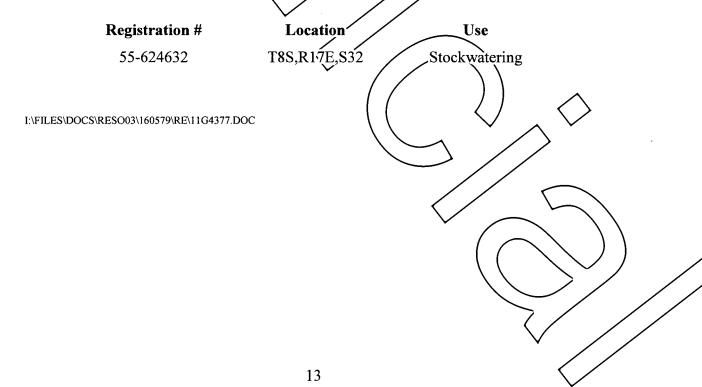
Exhibit B

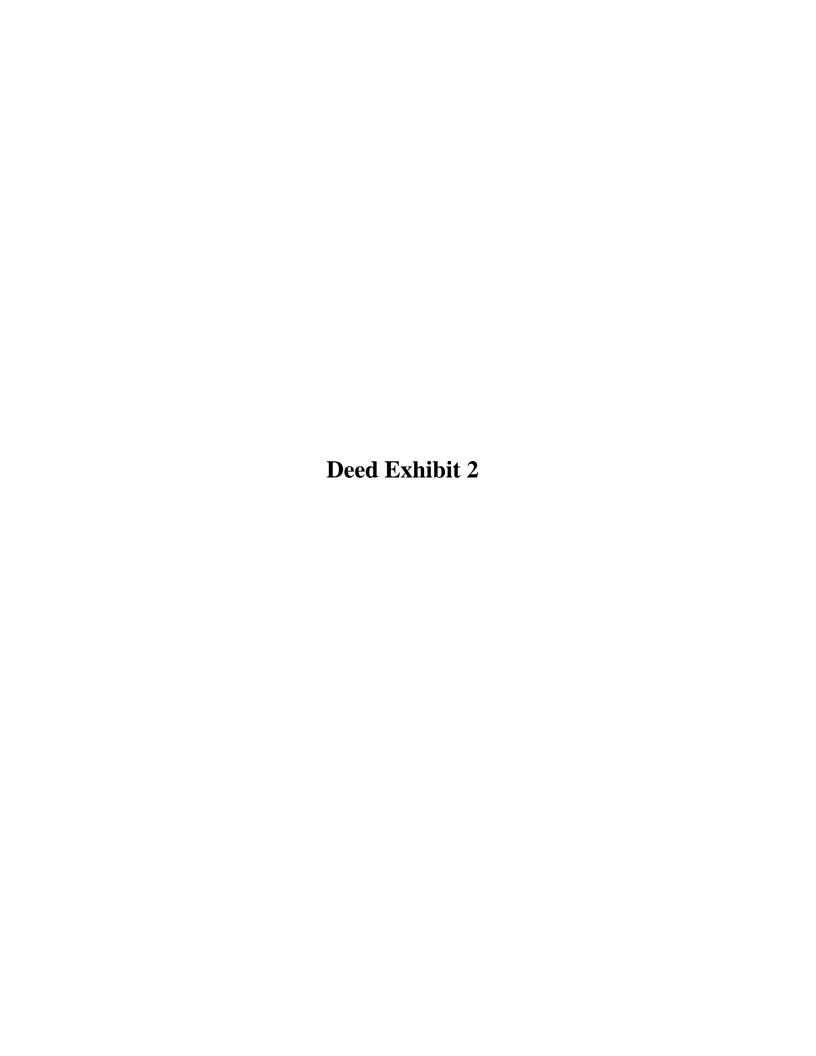
Water Rights

All of the groundwater rights and surface water rights appurtenant to the Property filed of record with the Arizona Department of Water Resources, and the following wells to the extent located on the Property:

Registration #	Location	Use
55-624625	T8S,R17E,S29	Irrigation
55-643806	T8S,R17E,S20	Domestic
55-225451 55-225452	T8S, R17E,S20 T8S, R17E,S20	Env. Monitoring Env. Monitoring
55-225453	T8S, R17E;S20	Env. Monitoring
•		

Further, all of the groundwater rights and surface water rights appurtenant to the Property as described in Claim Number 35-23343 filed with the Arizona Department of Water Resources, and the following wells to the extent located on the Property:





WHEN RECORDED, RETURN TO: R. Craig Johnson

PARSONS BEHLE'& LATIMER 201 South Main Street, Suite 1800

P.O. Box 45898

Salt Lake City, UT-84145-0898

PLEASE MAIL TAX NOTICE TO GRANTEE AT ITS ADDRESS LISTED BELOW



OFFICIAL RECORDS OF PINAL COUNTY RECORDER LAURA DEAN-LYTLE

DATE/TIME: 03/26/04 1447

FEE NUMBER:

2004-021434

GENERAL WARRANTY DEED

BHP COPPER INC., a Delaware corporation (fka Magma Copper Company, a Maine corporation and Magma Copper Company, a Delaware corporation), as "Grantor", of 200 S. Veterans Blvd., San Manuel, Arizona 85631, hereby grants, bargains, sells, conveys and warrants the title against all persons whomsoever to SWIFT CURRENT LAND & CATTLE LLC, an Arizona limited liability company, as "Grantee", of 2525 East Arizona Biltmore Circle, Suite C-135, Phoenix, AZ 85016, for the sum of \$10.00, those properties located in Pinal County, Arizona, more particularly described on Exhibit "A" attached hereto (the "Premises"); together with all and singular all the rights, benefits, privileges, easements, tenements, hereditaments, appurtenances and interests thereon or in any wise appertaining thereto, and with all improvements, including without limitation, all surface and ground water and water rights appurtenant to the Premises, (including, but subject to the limitations expressed therein, the water rights described on Exhibit "B" attached hereto), and all minerals, oil, gas and other hydrocarbons, and geothermal rights (to the extent not excepted in the legal description of the Premises in Exhibit "A" attached hereto) and all other rights, hereditaments, and interests whatsoever, appertaining to the Premises and owned by Grantor;

SUBJECT only to the permitted exceptions listed on Exhibit "C" attached hereto (the "Permitted Exceptions").

For the same consideration recited above, Grantor hereby bargains, sells and transfers, without warranty, express or implied, all interest, if any of the Grantor in (i) strips or gores, if any, between the Premises and abutting or immediately adjacent properties, and (ii) any land lying in or under the bed of any street, alley, road or right-of-way, opened or proposed, abutting or immediately adjacent to the Premises.

TO HAVE AND TO HOLD the said Premises, with their appurtenances unto the said Grantee and to the Grantee's heirs and assigns forever. Grantor does hereby covenant to and with the said Grantee, that the Grantor is the owner in fee simple of said Premises; that said Premises are free from all encumbrances except the Permitted Exceptions, and that Grantor will warrant and forever defend the same, unto Grantee, and Grantee's successors and assigns, against each and every person whomsoever claiming the same or any part thereof, and from any and all claims whatsoever.

IN WITNESS WHEREOF, the has	nd of said Grantor, this day of, 2004.
	GRANTOR:
	BHP COPPER, INC.
	By: Bhllish
	Print Name: BENWICHERS Title: PRESIDENT
	Title.
STATE OF ARIZONA) ss	
COUNTY OF Maricopa)	
The foregoing instrument was	as acknowledged before me this 22nd day of as the <u>President</u> of BHP Copper, Inc., a reporation.
Delaware corporation, on behalf of the co	rporation.
Notary Public	
- Committee and College and Co	
Notary Public - Arteure Markeone County	
Expires 11/01/06	

EXHIBIT "A"

The Premises

All of the following described property located in Pinal County, Arizona:

PARCEL 1:/

THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 3, TOWNSHIP 9 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL'2:

LOTS 3 AND 4; THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER; THE WEST HALF OF THE NORTHWEST OF THE SOUTHEAST QUARTER; THE SOUTHWEST QUARTER; OF THE SOUTHWEST QUARTER; THE SOUTHWEST QUARTER; AND THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER OF SECTION 4, TOWNSHIP 9 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 3:

THE WEST HALF OF THE NORTHWEST QUARTER; THE NORTH HALF OF THE SOUTHWEST QUARTER; THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER; THE SOUTHWEST QUARTER; THE NORTH HALF OF THE NORTHEAST QUARTER; THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER; THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER; AND THE NORTH HALF OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 33, TOWNSHIP'S SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

EXCEPTING ALL MINERALS RESERVED TO THE UNITED STATES IN THE NORTH HALF OF THE NORTHEAST QUARTER, THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 33, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 4:

THE NORTH HALF OF THE NORTHEAST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 32, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 5:

THE EAST HALF AND THE EAST HALF OF THE NORTHWEST QUARTER OF SECTION 29, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 6:

THE WEST HALF OF THE WEST HALF OF SECTION 28, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL'7:

THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER AND THE WEST HALF OF THE SOUTHWEST QUARTER OF SECTION 21, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

EXCEPTING ALL MINERALS AS AND TO THE EXTENT RESERVED TO THE UNITED STATES.

PARCEL 8:

THE WEST HALF; THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER; THE NORTH HALF OF THE NORTHEAST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

EXCEPTING A PARCEL OF LAND LOCATED IN THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 17 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA, DESCRIBED AS FOLLOWS:

COMMENCING AT THE EAST QUARTER CORNER OF/SAID SECTION 20; THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST ALONG THE CENTER SECTION LINE OF SAID SECTION 20 FOR A DISTANCE OF 1165.09 FEET TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED;

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST FOR A DISTANCE OF 39.66 FEET ALONG THE ABOVE SAID CENTER SECTION LINE TO A POINT HEREAFTER REFERRED TO AS POINT "A";

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST ALONG THE ABOVE SAID CENTER SECTION LINE FOR A DISTANCE OF 376.27 FEET TO A SET 5/8 INCH REBAR;

THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 133.54 FEET TO A POINT HEREAFTER REFERRED TO AS POINT "B";

THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTÂNCE OF 442.77 FEET TO A SET 5/8 INCH REBAR;

THENCE NORTH 72 DEGREES 29 MINUTES 09 SECONDS EAST FOR A DISTANCE OF 435.98 FEET TO A SET 5/8 INCH REBAR;

THENCE SOUTH, 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 696.04 FEET TO THE POINT OF BEGINNING.

SAID PARCEL CONTAINING 6.07 ACRES.

AND FURTHER EXCEPTING ALL MINERALS RESERVED TO THE UNITED STATES IN THE NORTH HALF OF THE NORTHEAST QUARTER, AND THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 9:

THE NORTH HALF OF THE SOUTHEAST QUARTER; THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER AND THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

EXCEPTING A PARCEL OF LAND LOCATED IN THE NORTHEAST QUARTER OF SECTION 20, TOWNSHIP 8 SOUTH, RANGE 17 EAST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA, DESCRIBED AS FOLLOWS:

COMMENCING AT THE EAST QUARTER/CORNER OF SAID SECTION 20; THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS/WEST ALONG THE CENTER SECTION LINE OF SAID SECTION 20 FOR A DISTANCE OF 1165.09 FEET TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED;

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS WEST FOR A DISTANCE OF 39.66 FEET ALONG THE ABOVE SAID CENTER SECTION LINE TO A POINT HEREAFTER REFERRED TO AS POINT "A";

THENCE SOUTH 88 DEGREES 25 MINUTES 07 SECONDS/WEST ALONG THE ABOVE SAID CENTER SECTION LINE FOR A DISTANCE OF 376.27 FEET TO A' SET 5/8 INCH REBAR;

THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 133.54 FEET TO A POINT HEREAFTER REFERRED TO AS POINT "B":

THENCE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 442.77 FEET TO A SET 5/8 INCH REBAR;

THENCE NORTH 72 DEGREES 29 MINUTES 09 SECONDS EAST FOR A DISTANCE OF 435.98 FEET TO A SET 5/8 INCH REBAR;

THENCE SOUTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE OF 696.04 FEET TO THE POINT OF BEGINNING.

SAID PARCEL CONTAINING 6.07 ACRES.

PARCEL 10:

THE EAST HALF OF THE NORTHEAST QUARTER OF SECTION 19, TOWNSHIP 8 SOUTH, RANGE 17 (EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA;

EXCEPTING THAT-PORTION THEREOF CONVEYED BY FRANK SMITH COMPANY, A CORPORATION TO ARIZONA RARE METALS COMPANY, A CORPORATION, BY DEED DATED APRIL 7, 1916, RECORDED APRIL 15, 1916, IN BOOK 30 OF DEEDS, PAGE 402, RECORDS OF PINAL COUNTY, ARIZONA; AND

FURTHER EXCEPTING THAT PORTION THEREOF LYING WITHIN THE SANTA CATALINA MILLSITE; AND

FURTHER EXCEPTING THAT PORTION THEREOF LYING WITHIN THE TOWNSITE OF MAMMOTH, ACCORDING TO THE PLAT THEREOF OF RECORD IN THE OFFICE OF THE COUNTY RECORDER OF PINAL COUNTY, ARIZONA; AND

FURTHER EXCEPTING THAT PORTION DESCRIBED AS COMMENCING AT THE EAST QUARTER CORNER OF SAID SECTION 19; THENCE SOUTH 88 DEGREES 45 MINUTES 05 SECONDS WEST ALONG THE CENTER SECTION LINE A DISTANCE OF 532.18 FEET TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED; THENCE SOUTH 36 DEGREES 30 MINUTES 39 SECONDS EAST FOR A DISTANCE OF 124.13 FEET TO A SET 5/8 INCH STEEL PIN; THENCE SOUTH 57 DEGREES 29 MINUTES 27 SECONDS WEST FOR A DISTANCE OF 260.64 FEET TO A SET 5/8 INCH STEEL PIN ON THE EAST LINE OF MAMMOTH TOWNSITE; THENCE NORTH 36 DEGREES 30 MINUTES 39 SECONDS WEST FOR A DISTANCE OF 224.71 FEET ALONG THE EAST LINE OF MAMMOTH TOWNSITE TO A FOUND ONE INCH STEEL PIN; THENCE NORTH 48 DEGREES 14 MINUTES 43 SECONDS WEST FOR A DISTANCE OF 77.89 FEET ALONG THE EAST LINE OF MAMMOTH TOWNSITE TO A FOUND ONE INCH

STEEL PIN; THENCE NORTH 88 DEGREES 45 MINUTES 05 SECONDS EAST FOR A DISTANCE OF 337.83 FEET TO THE POINT OF BEGINNING; AND

FURTHER EXCEPTING THAT PORTION DESCRIBED AS COMMENCING AT THE EAST, QUARTER CORNER OF SAID SECTION 19; THENCE SOUTH 88 DEGREES 45 MINUTES 05 SECONDS WEST ALONG THE CENTER SECTION LINE A DISTANCE OF 532.18 FEET TO A POINT; THENCE SOUTH 36 DEGREES 30 MINUTES 39 SECONDS EAST A DISTANCE OF 124.13 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 36 DEGREES 30 MINUTES 39 SECONDS EAST FOR A DISTANCE OF 307.55 TO A SET 5/8 INCH STEEL PIN ON THE NORTH RIGHT-OF-WAY LINE OF BLUEBIRD STREET; THENCE SOUTH 53 DEGREES 29 MINUTES 21 SECONDS WEST FOR A DISTANCE OF 260.00 FEET ALONG THE NORTH RIGHT-OF-WAY LINE OF BLUEBIRD STREET TO A FOUND ½ INCH REBAR; THENCE NORTH 36 DEGREES 30 MINUTES 39 SECONDS WEST FOR A DISTANCE OF 325.74 FEET ALONG THE EAST LINE OF MAMMOTH TOWNSITE TO A SET 5/8 INCH REBAR; THENCE NORTH 57 DEGREES 29 MINUTES 27 SECONDS EAST FOR A DISTANCE OF 260.64 FEET TO THE POINT OF BEGINNING; AND,

FURTHER EXCEPTING THAT/PORTION OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 19, DESCRIBED AS FOLLOWS; COMMENCING AT THE EAST QUARTER CORNER OF SAID SECTION 19; THENCE SOUTH 01 DEGREES 26 MINUTES 07 SECONDS EAST, A DISTANCE OF 756.29 FEET ALONG THE EAST LINE OF SAID SECTION 19 TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED; THENCE SOUTH 01 DEGREES 26 MINUTES 07 SECONDS EAST FOR A DISTANCE OF 452.53 FEET ALONG THE EAST LINE OF SAID SECTION 19 TO A POINT; THENCE NORTH 36 DEGREES 30 MINUTES 10 SECONDS WEST FOR A DISTANCE OF 814.85 FEET ALONG THE EAST LINE OF MAMMOTH TOWNSITE TO A POINT ON THE SOUTH RIGHT-OF-WAY LINE OF BLUEBIRD STREET; THENCE NORTH 53 DEGREES 29 MINUTES 21 SECONDS EAST FOR A DISTANCE OF 260.00 FEET ALONG THE SOUTH RIGHT-OF-WAY LINE OF BLUEBIRD STREET TO A POINT; THENCE SOUTH 36 DEGREES 30 MINUTES 10 SECONDS EAST FOR A DISTANCE OF 444.50 FEET TO THE POINT OF BEGINNING!

PARCEL 11:

LOT 1; THE NORTH HALF OF THE NORTHEAST QUARTER; THE NORTHEAST QUARTER OF THE NORTHWEST QUARTER AND THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SECTION 18, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY; ARIZONA;

EXCEPTING ANY PORTION LYING WITHIN STATE HIGHWAY 77-177 RIGHT OF WAY; AND

FURTHER EXCEPTING THAT PART OF THE NORTH HALF, OF THE NORTHWEST QUARTER OF SAID SECTION 18, DESCRIBED AS:

COMMENCING AT THE SOUTHWEST CORNER OF THE NORTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18, SAID POINT BEING THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED; THENCE NORTH 00 DEGREES 15 MINUTES 15 SECONDS WEST ALONG THE WEST LINE OF SAID SECTION 18 A DISTANCE OF 85.86 FEET TO A POINT; THENCE NORTH 39 DEGREES 54 MINUTES 19 SECONDS EAST A DISTANCE OF 1231.61 FEET TO A POINT; THENCE SOUTH 63 DEGREES 21 MINUTES 53 SECONDS EAST A DISTANCE OF 1316.37 FEET TO A POINT ON THE WEST RIGHT-OF-WAY LINE OF STATE ROUTE NO. 77; THENCE SOUTH 16 DEGREES 00 MINUTES 53 SECONDS WEST, ALONG SAID RIGHT-OF-WAY LINE A DISTANCE OF 174.25 FEET TO A RIGHT-OF-WAY MONUMENT; THENCE SOUTHWESTERLY ALONG A SPIRAL TRANSITION CURVE TO THE LEFT HAVING A CORD OF 284.12 FEET AND A CORD BEARING OF SOUTH 15 MINUTES 07 DEGREES 09 MINUTES WEST; THENCE NORTH 89 DEGREES 57 MINUTES 37 SECONDS WEST A DISTANCE OF 1844.22 FEET TO THE POINT OF BEGINNING; AND

FURTHER EXCEPTING THAT PART OF THE NORTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18, DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHWEST CORNER OF SAID SECTION 18, SAID POINT BEING THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED; THENCE SOUTH 69 DEGREES 27 MINUTES 06 SECONDS EAST A DISTANCE OF 849.67 FEET TO A POINT; THENCE SOUTH 39 DEGREES 54 MINUTES 19 SECONDS WEST A DISTANCE OF 1231'.61' FEET TO A POINT ON THE WEST LINE OF SAID SECTION 18; THENCE NORTH 00 DEGREES 15 MINUTES 15 SECONDS WEST ALONG THE WEST LINE OF SAID SECTION 18 A DISTANCE OF 1243.02 FEET TO THE POINT OF BEGINNING; AND

FURTHER EXCEPTING THAT PARCEL OF SAID SECTION 18:BEGINNING AT THE CENTER OF SECTION 18; THENCE SOUTH 89 DEGREES 52 MINUTES 44 SECONDS WEST FOR A DISTANCE OF 940.24 FEET TO THE SOUTHEAST CORNER OF SAID PARCEL AND THE TRUE POINT OF BEGINNING; THENCE ALONG A CURVE TO THE RIGHT HAVING A RADIUS OF 4683.66 FEET AND A ARC LENGTH OF 428.49 FEET, BEING SUBTENDED BY A CORD OF NORTH 01 DEGREES 08 MINUTES 41 SECONDS EAST FOR A DISTANCE OF 428.34 FEET; THENCE SOUTH 85 DEGREES 30 MINUTES 57 SECONDS WEST FOR A DISTANCE OF 202.88 FEET; THENCE SOUTH 03 DEGREES 22 MINUTES 03 SECONDS WEST FOR A DISTANCE OF 413.57 FEET; THENCE NORTH 89 DEGREES 52 MINUTES 44 SECONDS EAST FOR A DISTANCE OF 218.00 FEET TO THE TRUE POINT OF BEGINNING; AND

FURTHER EXCEPTING A PARCEL OF LAND IN SAID SECTION 18: BEGINNING AT THE WEST QUARTER CORNER OF SAID SECTION 18; THENCE NORTH 89 DEGREES 44 MINUTES 58 SECONDS EAST 1302.21 FEET TO THE TRUE POINT OF BEGINNING; THENCE NORTH 00 DEGREES 11 MINUTES 27. SECONDS EAST ALONG THE WEST BOUNDARY OF THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER OF SAID SECTION 18, 827.62 FEET; THENCE SOUTH 89 DEGREES 48 MINUTES 33 SECONDS EAST 427.50 FEET TO THE WESTERLY

RIGHT OF WAY LINE FOR STATE ROUTE 77; THENCE SOUTHWESTERLY ALONG THE RIGHT OF WAY FOR STATE ROUTE 77 ON A NON TANGENT CURVE TO THE LEFT HAVING A RADIUS OF 4744.57 FEET, PASSING THROUGH A CENTRAL ANGLE OF 04 DEGREES 49 MINUTES 46 SECONDS, AN ARC LENGTH OF 399.91 FEET; THENCE SOUTH 85 DEGREES 37 MINUTES 00 SECONDS WEST, 202.84 FEET; THENCE SOUTH 03 DEGREES 22 MINUTES 53 SECONDS WEST, 413.69 FEET TO THE EAST-WEST CENTER LINE OF SAID SECTION 18; THENCE SOUTH 89 DEGREES 53 MINUTES 28 SECONDS WEST ALONG THE EAST-WEST CENTERLINE OF SAID SECTION 18, 160.58 FEET TO THE TRUE POINT OF BEGINNING; AND

1 FURTHER EXCEPTING THAT PART OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18, DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHWEST CORNER OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18; THENCE SOUTH 89 DEGREES 57 MINUTES 37 SECONDS EAST FOR A DISTANCE OF 1312.20 FEET ALONG THE NORTH LINE OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18 TO THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED: THENCE SOUTH 89 DEGREES 57 MINUTES 37 SECONDS EAST FOR A DISTANCE OF 532.02 FEET ALONG THE NORTH LINE OF THE SOUTH HALF OF THE NORTHWEST QUARTER OF SAID SECTION 18 TO A POINT ON THE WEST RIGHT-OF-WAY LINE OF STATE ROUTE 77; THENCE ALONG A CURVE CONCAVE TO THE LEFT, HAVING A RADIUS OF 4744.57 FEET AND AN ARC LENGTH OF 506.39 FEET, BEING SUBTENDED BY A CHORD OF SOUTH 12 DEGREES 06 MINUTES 45 SECONDS WEST, FOR A DISTANCE OF 506.15 FEET ALONG THE WEST RIGHT-OF-WAY LINE OF STATE ROUTE 77; THENCE NORTH 89 DEGREES 53 MINUTES 41 SECONDS WEST FOR A DISTANCE OF 427.07 FEET ALONG THE NORTH'PROPERTY LINE OF THE DIALYSIS CENTER TO A PLASTIC CAP'RLS 29869; THENCE NORTH 00 DEGREES 08 MINUTES 42 SECONDS EAST-FOR A DISTANCE OF 494.47 FEET TO THE POINT OF BEGINNING.

PARCEL 12:

THE NORTHWEST QUARTER; THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER AND THE EAST HALF OF THE SOUTHWEST QUARTER OF SECTION 17, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

EXCEPTING ALL MINERALS RESERVED TO THE UNITED STATES—IN THE NORTHWEST QUARTER, THE EAST HALF OF THE SOUTHWEST QUARTER AND THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 17, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

PARCEL 13:

LOTS 2, 3 AND 4; THE EAST HALF OF THE SOUTHWEST QUARTER AND THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 7, TOWNSHIP 8 SOUTH, RANGE 17 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

EXCEPTING ANY PORTION LYING WITHIN THE STATE ROUTE 77 RIGHT OF

PARCEL 14:

THE WEST HALF OF THE NORTHEAST QUARTER; THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER, AND THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 12, TOWNSHIP 8 SOUTH, RANGE 16 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, PINAL COUNTY, ARIZONA.

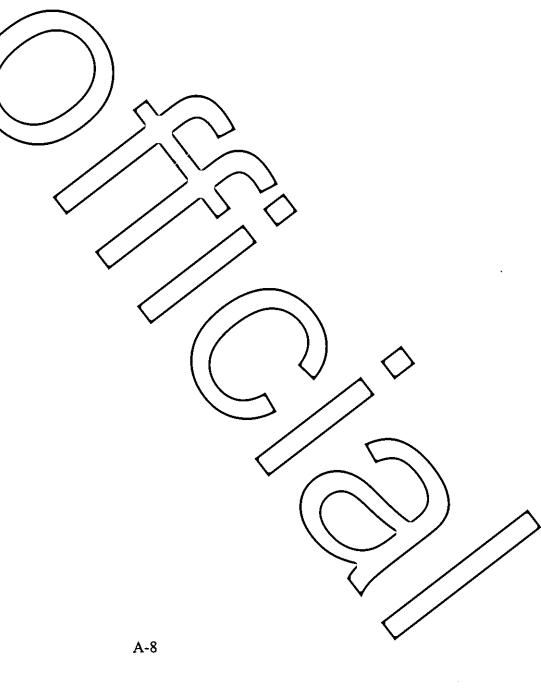


EXHIBIT "B"

The Water Rights

All of the groundwater rights and surface water rights appurtenant to the Premises as described in Claim Number 36-102337 filed with the Arizona Department of Water Resources, and the following wells to the extent located on the Premises:

Registration #	Location	Use
55-624625	T8S,R17E,S29	Irrigation
55-624643	T8S,R17E,S29	Domestic/irrigation
55-800932	T8S,R17E,S21	Unknown
55-643806	T8S,R17E,S20	Stock/irrigation
55-624623	T8S,R17E,S20	Unknown
55-624641	T8S,R17E,S18	Unknown
55-624629	T8S,R17E,S7	Domestic/Livestock

The above described water rights are subject to the current and federal adjudication of water rights (In re the General Adjudication of All Rights to Use Water in the Gila River System and Source, Maricopa County Civil Cause Nos. W-1, W-2, W-3 and W-4, and United States v. Gila Valley Irrigation District, et. al, United States Federal District Court, Arizona Globe Equity No. 59), and any related legislation, administrative, or judicial allocation or determination of water rights appurtenant to the Premises, and upon execution and delivery of this General Warranty Deed and other ministerial filings required by the Department of Water Resources, Grantee shall receive good and marketable title to such water rights, subject only to the allocation or determination referred to herein, the restrictions of Arizona law and the Permitted Exceptions. Grantor makes no representation or warranty regarding the eventual outcome of any such allocation, adjudication, or determination of ultimate entitlement, or the Grantee or Grantor, to use, own and/or possess any water rights appurtenant to the Premises, or regarding the quantification, classification, past damages or limitations on use thereof.

EXHIBIT "C"

Permitted Exceptions

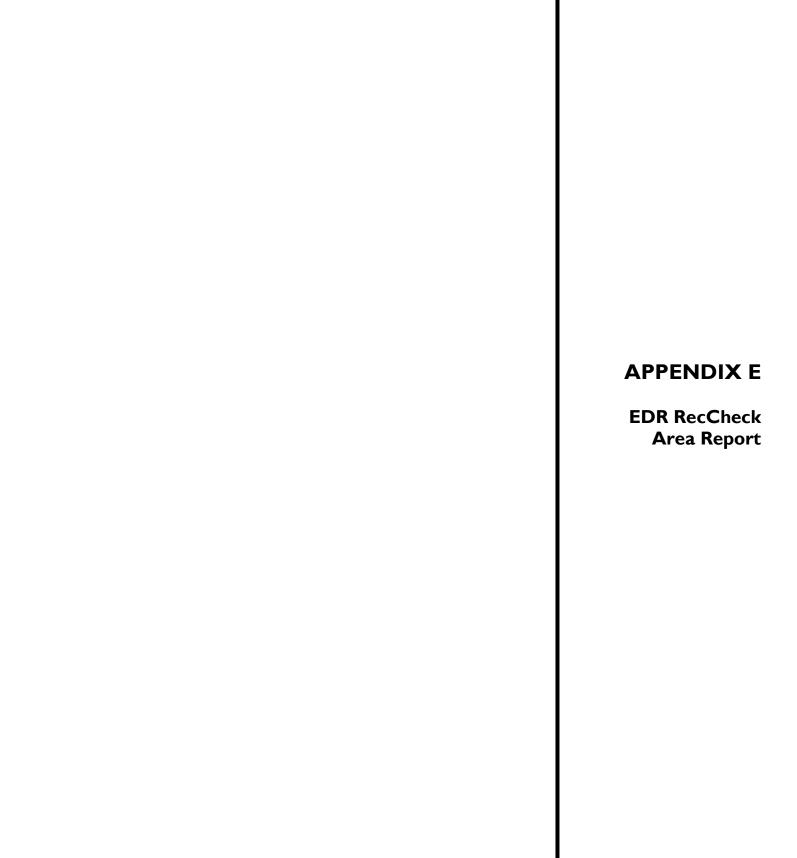
Permitted Exceptions shall consist of the following pertaining to the Premises:

- Non-delinquent real property taxes for the current year.
- 2. Liens imposed by law, such as mechanics liens or tax liens, for sums which are not yet due or which are being contested in good faith and for which adequate provision has been made by Grantor and which shall remain the obligations of the Grantor;
 - 3. Laws of general applicability, including zoning laws;
 - 4. The following liens, encumbrances and exceptions:
 - (a) Reservations in United States and State Patents.
 - (b) Any charge upon said Premises by reason of its inclusion in Central Arizona Water Conservation District for the current and future years.
 - (c) The rights or claims of title, if any, by the State of Arizona to any portion of the property described in Schedule A being located in the bed of any river or dry wash.
 - (d) Terms, covenants and conditions as set forth in instrument recorded in Docket 1987, Page 335.
 - (e) The terms and provisions contained in the document entitled "Pipe Line License" recorded January 18, 1995 as Docket 117, Page 306 of Official Records.
 - (f) An easement for electric power line and incidental purposes in the document recorded as Book 54 of Deeds, Page 579 and Page 580 of Official Records.
 - (g) As easement for electric power line and incidental purposes in the document recorded as Book 55 of Deeds, Page 347 of Official Records.
 - (h) An easement for railroad, telephone and telegraph lines and incidental purposes in the document recorded as Docket 113, Page 473 of Official Records.
 - (i) An easement for public highway and incidental purposes in the document recorded as Docket 139, Page 463 of Official Records.
 - (j) An easement for communication lines and incidental purposes in the document recorded as Docket 184, Page 473 of Official Records.

- An easement for pipe line and incidental purposes in the document (k) recorded as Docket 191, Page 568 of Official Records. An easement for roadway purposes and incidental purposes in the documents recorded as Docket 242, Page 104 of Official Records. An easement for roadway and incidental purposes in the document (m) recorded as Docket 297, Page 319 of Official Records. An easement for transmission lines and incidental purposes in the document recorded as Docket 358, Page 574 of official Records. An easement for electric power transmission system and incidental (o) purposes in the document recorded as Docket 362, Page 595 of Official Records. An easement for electric power transmission line and incidental purposes in the document recorded as Docket 413, Page 322 of Official Records. An easement for electric lines and incidental purposes in the document (q) recorded as Docket 686, Page 465 of Official Records. An easement for electric lines and incidental purposes in the document (r) recorded as Docket 687, Page 292 of Official Records. An easement for haul road and incidental purposes in the document (s) recorded as Docket 870, Page 260 of Official Records. An easement for drainage and incidental purposes in the document (t) recorded as Docket 2076, Page 792 of Official Records. An easement for access road, power transmission site and communications (u) and incidental purposes in the document recorded as 1999-045692 of Official Records. Unpatented mining and millsite claims (collectively, the "Claims"), but (v) only to the extent that Grantor has no knowledge of such Claims. As used in the preceding sentence, knowledge refers exclusively to (i) the actual
 - (vi) An easement for power line and roadway and incidental purposes in the document recorded as 2003-065283 in the Official Records.

knowledge (not constructive or imputed) knowledge of Ben Wichers, President of BHP Copper, Inc., as of the March 22, 2004, without any investigation or inquiry, and (ii) Grantor's review of the public records of mining claims at the Arizona State Office of the Bureau of Land

Management, as of 10:00 a.m., on March 22, 2004/



Lower San Pedro

Lower San Pedro San Manuel, AZ 85631

Inquiry Number: 6085236.2s

June 18, 2020

EDR Area / Corridor Report



TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Mapped Sites Summary	2
Key Map	2
Map Findings Summary	 3
Focus Maps.	7
Map Findings.	41
Orphan Summary.	OR-1
Government Records Searched/Data Currency Tracking	GR-1

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2020 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

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

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

SUBJECT PROPERTY INFORMATION

ADDRESS

LOWER SAN PEDRO SAN MANUEL, AZ 85631

TARGET PROPERTY SEARCH RESULTS

The Target Property was identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

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

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

SPILLS: Hazardous Material Logbook

A review of the SPILLS list, as provided by EDR, and dated 11/15/2001 has revealed that there is 1 SPILLS site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
PHOENIX FUEL	RIVER RD & HWY 77/CL	1/2	40
Incident Number: 94-0)28-C		

Other Ascertainable Records

US MINES: Mines Master Index File

A review of the US MINES list, as provided by EDR, has revealed that there are 2 US MINES sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
METRO MATERIALS GLOB		6 / 10	43
Database: US MINES, Date of Go Mine ID:: 0200656	vernment Version: 02/11/2020		
ST. CLOUD MINING CO	vernment Version: 02/11/2020	B9 / 10	45

Mine ID:: 0202342

ABANDONED MINES: Abandoned Mines

A review of the ABANDONED MINES list, as provided by EDR, and dated 03/05/2020 has revealed that there is 1 ABANDONED MINES site within the requested target property.

<u>Address</u>		Map ID / Focus Map(s)		
WHITE CLIFFS MINE &	94294 RIVER ROAD	B8 / 10	44	

FINDS: Facility Index System/Facility Registry System

A review of the FINDS list, as provided by EDR, and dated 02/03/2020 has revealed that there is 1 FINDS site within the requested target property.

Site	Address	Map ID / Focus Map(s)	<u>Page</u>
MAMMOTH WWTF	14610 S. STATE RTE 7	2/5	40
Registry ID:: 110055977420			

MINES MRDS: Mineral Resources Data System

A review of the MINES MRDS list, as provided by EDR, and dated 04/06/2018 has revealed that there are 4 MINES MRDS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
F.L. CLARK TRUCKING		A3/9	40
CLARKS GRAVEL QUARRY		A4 / 9	41
PIT NO.1		5 / 10	42
TIGER TAILINGS DUMP		7 / 10	43

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Page Numbers and Map Identifications refer to the EDR Area/Corridor Report where detailed data on individual sites can be reviewed.

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

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

STANDARD ENVIRONMENTAL RECORDS

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Listing

A review of the LUST list, as provided by EDR, and dated 01/16/2020 has revealed that there are 5

LUST sites within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
SAN CARLOS PROJECT Date Closed: 07/30/98 Facility Id: 0-004333 Facility Status: CLOSED		SSW 1/4 - 1/2 (0.251 mi.)	16/5	51
PINAL APN #306-13-12 Date Closed: 01/07/16 Facility Id: 0-010507 Facility Status: CLOSED	203 W HAYDEN AVE	SSW 1/4 - 1/2 (0.253 mi.)	17/5	51
CIRCLE K #2700853 Date Closed: 04/08/98 Date Closed: 01/07/20 Facility Id: 0-001335 Facility Status: CLOSED	307 N HIGHWAY 77	WSW 1/4 - 1/2 (0.285 mi.)	18/9	53
PARCEL NO. 306-13-17 Date Closed: 08/21/12 Facility Id: 0-008828 Facility Status: CLOSED	706 N HIGHWAY 77	W 1/4 - 1/2 (0.346 mi.)	19/5	57
PINAL APN #306-13-20 Date Closed: 08/21/12 Facility Id: 0-010432 Facility Status: CLOSED	713 N HIGHWAY 77	WNW 1/4 - 1/2 (0.348 mi.)	20/5	59

State and tribal registered storage tank lists

UST: Underground Storage Tank Listing

A review of the UST list, as provided by EDR, and dated 01/16/2020 has revealed that there are 3 UST sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
FRED L CLARK TRUCKIN Closure Type: Removal Facility Id: 0-001558 Date Closed: 08/01/1992	104 N MAIN ST	SW 1/8 - 1/4 (0.134 mi.)	12/9	48
CREOLA DUNGEN Closure Type: Removal Facility Id: 0-006770 Date Closed: 02/15/1990	15062 S HIGHWAY 77	S 1/8 - 1/4 (0.152 mi.)	14 / 5	49
TOWN OF MAMMOTH Closure Type: Removal Facility Id: 0-005920 Date Closed: 02/01/1991	125 N CLARK ST	W 1/8 - 1/4 (0.191 mi.)	15 / 9	50

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

US MINES: Mines Master Index File

A review of the US MINES list, as provided by EDR, has revealed that there is 1 US MINES site within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
NATIONAL GYPSUM COMP		E 1/8 - 1/4 (0.147 mi.)	13/2	49
Database: US MINES, Date of Government Version: 02/11/2020				

Mine ID:: 0202160

WWFAC: Waste Water Treatment Facilities

A review of the WWFAC list, as provided by EDR, and dated 07/09/2012 has revealed that there are 2 WWFAC sites within approximately 0.5 miles of the requested target property.

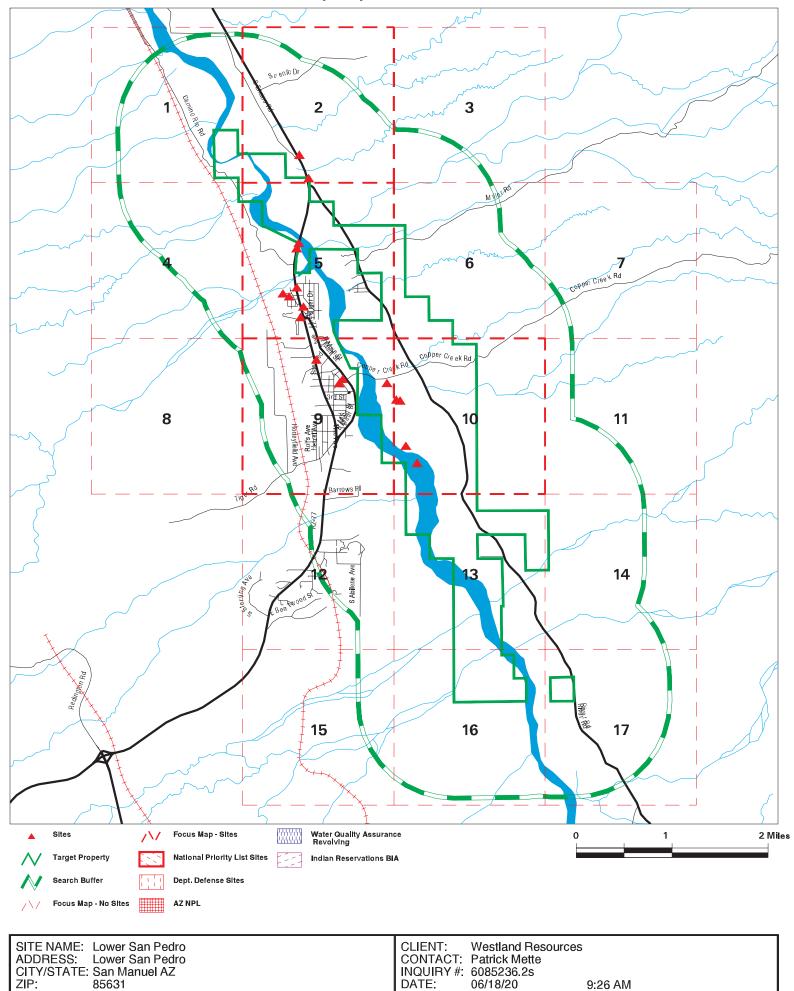
Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
TOWN OF MAMMOTH - CI Place ID: 91551		0 - 1/8 (0.001 mi.)	C10/5	45
MAMMOTH, TOWN OF - W Place ID: 1577	14610 HIGHWAY 77	WNW 0 - 1/8 (0.017 mi.)	C11/5	46

MAPPED SITES SUMMARY

Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / FOCUS MAP			DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION		
1/2	PHOENIX FUEL	RIVER RD & HWY 77/CL	SPILLS	TP		
2/5	MAMMOTH WWTF	14610 S. STATE RTE 7	FINDS	TP		
A3/9	F.L. CLARK TRUCKING		MINES MRDS	TP		
A4/9	CLARKS GRAVEL QUARRY		MINES MRDS	TP		
5 / 10	PIT NO.1		MINES MRDS	TP		
6 / 10	METRO MATERIALS GLOB		US MINES	TP		
7 / 10	TIGER TAILINGS DUMP		MINES MRDS	TP		
B8 / 10	WHITE CLIFFS MINE &	94294 RIVER ROAD	ABANDONED MINES	TP		
B9 / 10	ST. CLOUD MINING CO		US MINES	TP		
C10/5	TOWN OF MAMMOTH - CI		Aquifer, WWFAC	3 (0.001	
C11 / 5	MAMMOTH, TOWN OF - W	14610 HIGHWAY 77	FINDS, EMAP, Enforcement, WWFAC	89	0.017	WNW
12/9	FRED L CLARK TRUCKIN	104 N MAIN ST	UST	710	0.134	SW
13 / 2	NATIONAL GYPSUM COMP		US MINES	777	0.147	East
14/5	CREOLA DUNGEN	15062 S HIGHWAY 77	UST	803	0.152	South
15 / 9	TOWN OF MAMMOTH	125 N CLARK ST	UST	1007	0.191	West
16 / 5	SAN CARLOS PROJECT		LUST, UST	1326	0.251	SSW
17 / 5	PINAL APN #306-13-12	203 W HAYDEN AVE	LUST, UST, EMAP	1338	0.253	SSW
18 / 9	CIRCLE K #2700853	307 N HIGHWAY 77	LUST, UST, EMAP, Enforcement, Financial	1505	0.285	WSW
19 / 5	PARCEL NO. 306-13-17	706 N HIGHWAY 77	LUST, UST, EMAP, Enforcement	1829	0.346	West
20 / 5	PINAL APN #306-13-20	713 N HIGHWAY 77	LUST, UST, EMAP	1840	0.348	WNW

Key Map - 6085236.2s



Database		Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMEN	NTAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0
Federal Delisted NPL sit	te list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRA	P site list							
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities list	•						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD fac	ilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-VSQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional con engineering controls reg								
LUCIS US ENG CONTROLS US INST CONTROLS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equiva	alent NPL							
AZ NPL AZ WQARF	1.000 1.000		0 0	0 0	0 0	0 0	NR NR	0 0
State- and tribal - equiva	alent CERCLIS							
SPL SHWS	1.000 1.000		0 0	0 0	0 0	0 0	NR NR	0 0
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking	storage tank lis	ts						
LUST	0.500		0	0	5	NR	NR	5

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	<u>1/2 - 1</u>	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registere	ed storage tal	nk lists						
FEMA UST UST AST INDIAN UST	0.250 0.250 0.250 0.250		0 0 0 0	0 3 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 3 0 0
State and tribal institution control / engineering co		es						
AZURITE AUL	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal voluntar	y cleanup sit	es						
INDIAN VCP VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
State and tribal Brownfie	elds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONME	ENTAL RECOR	DS						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
SWTIRE INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500		0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0
Local Lists of Hazardous Contaminated Sites	s waste /							
US HIST CDL CDL US CDL PFAS	TP TP TP 0.500		NR NR NR 0	NR NR NR 0	NR NR NR 0	NR NR NR NR	NR NR NR NR	0 0 0 0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency I	Release Repo	orts						
HMIRS SPILLS SPILLS 90	TP TP TP	1	NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 1 0
Other Ascertainable Red	cords							
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		Ö	Ö	Ö	Ö	NR	Ö
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	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 TRIS	TP TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	Ö
RAATS	TP		NR	NR	NR	NR	NR	Ö
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 COAL ASH EPA	TP 0.500		NR 0	NR 0	NR 0	NR NR	NR NR	0 0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	Ő
HIST FTTS	TP		NR	NR	NR	NR	NR	Ö
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 NR	0 ND	0 ND	NR	NR	0
LEAD SMELTERS US AIRS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
US MINES	0.250	2	0	1	NR	NR	NR	3
ABANDONED MINES	0.250	1	Ő	Ö	NR	NR	NR	1
FINDS	TP	1	NR	NR	NR	NR	NR	1
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS Aguifer	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
AZ DOD	0.500		0	0	0	NR	NR	0
Dry Wells	TP		NR	NR	NR	NR	NR	Õ
DRYCLEANERS	0.250		0	0	NR	NR	NR	Ö
EMAP	TP		NR	NR	NR	NR	NR	0
Enforcement	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
SPDES	TP		NR	NR	NR	NR	NR	0
VAPOR UIC	0.500 TP		0 NR	0 NR	0 NR	NR NR	NR NR	0 0
WWFAC	0.500		2	0	0	NR	NR	2
MINES MRDS	TP	4	NR	NR	NR	NR	NR	4
EDR HIGH RISK HISTORIC								
5005 / / 5								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR Hist Auto EDR Hist Cleaner	0.125 0.125		0 0	NR NR	NR NR	NR NR	NR NR	0 0
EDR RECOVERED GOVERNMENT ARCHIVES Exclusive Recovered Govt. Archives								
RGA HWS RGA LF RGA LUST	TP TP TP		NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0
- Totals		9	2	4	5	0	0	20

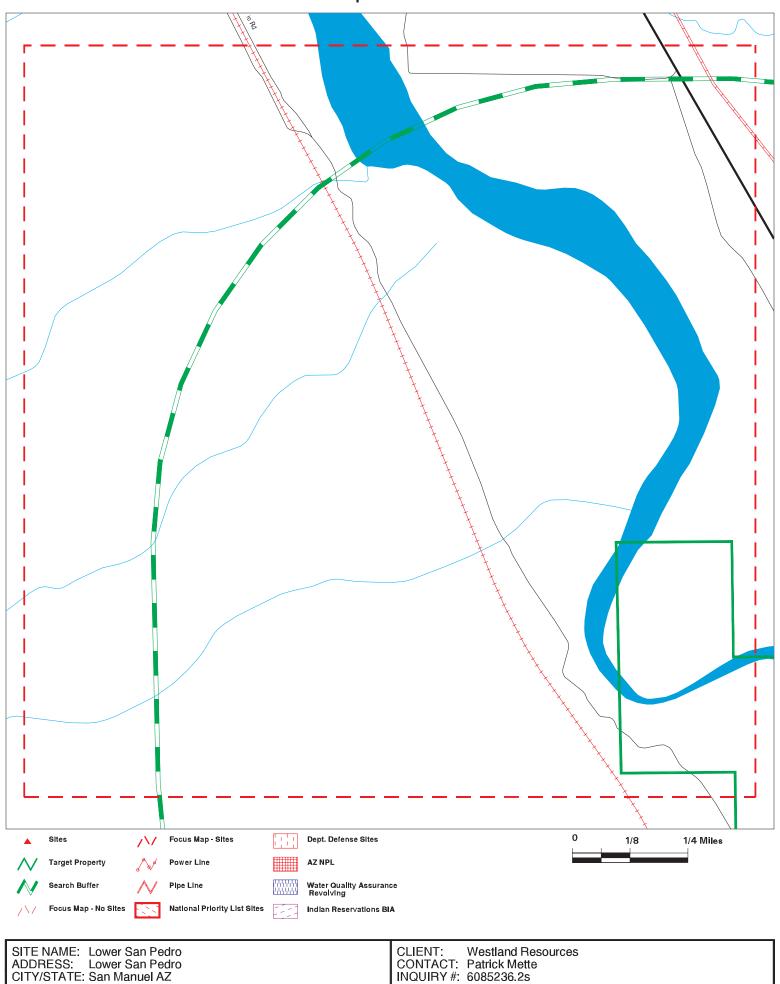
NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Focus Map - 1 - 6085236.2s



DATE: 06/18/20

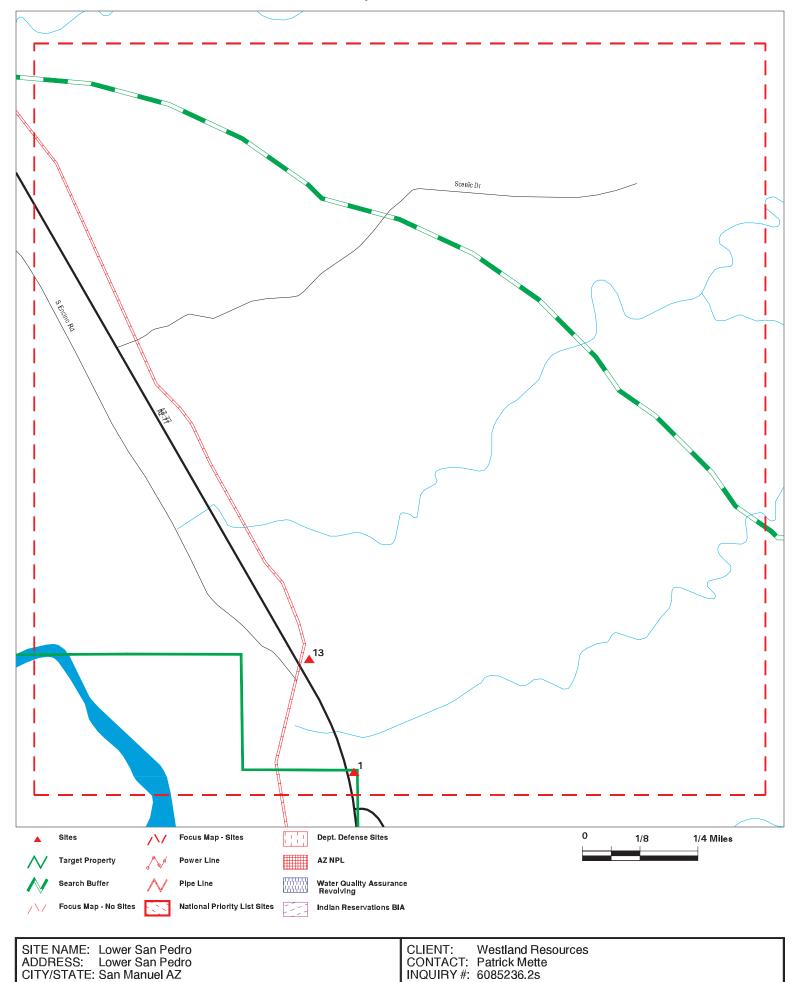
Copyright © 2020 EDR, Inc. © 2015 TomTom Rel. 2015.

85631

ZIP:

Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION



ZIP:

85631

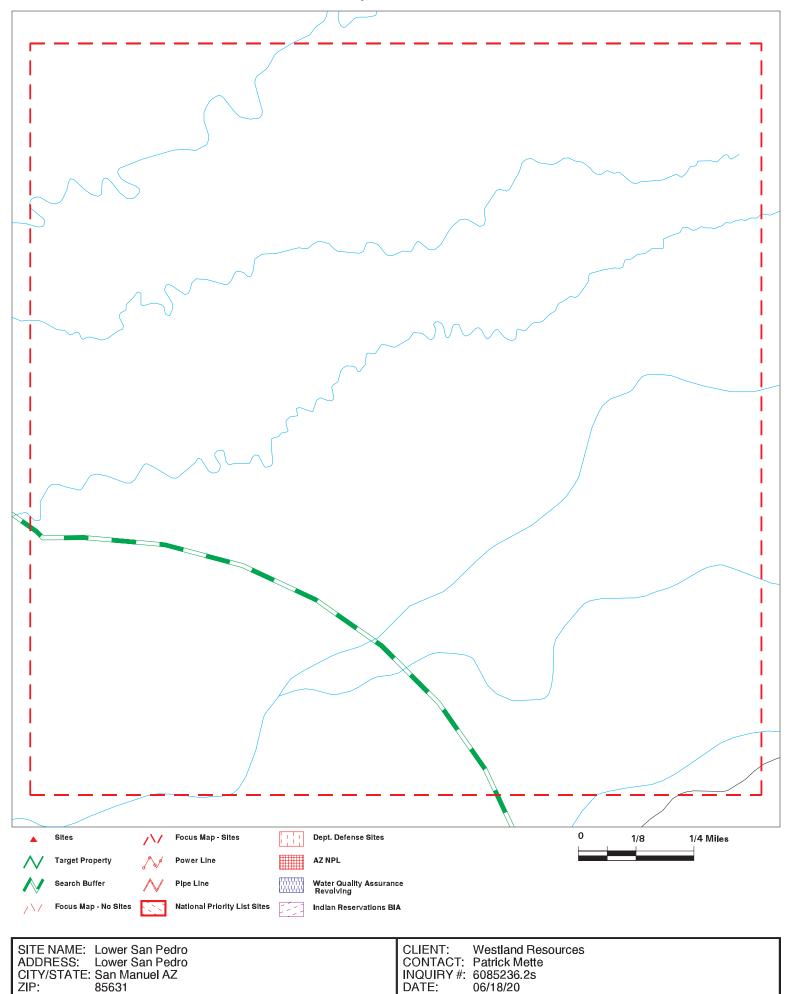
Copyright © 2020 EDR, Inc. © 2015 TomTom Rel. 2015.

06/18/20

DATE:

Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

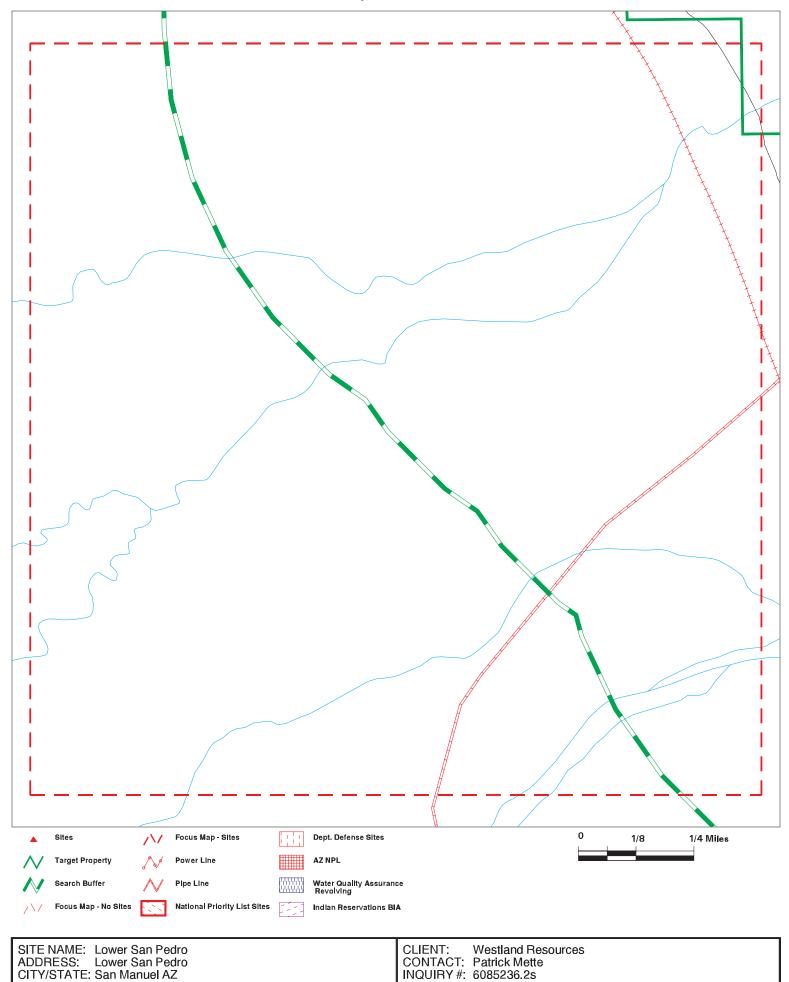
MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
1/2	PHOENIX FUEL	RIVER RD & HWY 77/CL	SPILLS	TP
13 / 2	NATIONAL GYPSUM COMP		US MINES	777 0.147 East



Copyright © 2020 EDR, Inc. © 2015 TomTom Rel. 2015.

Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION



ZIP:

85631

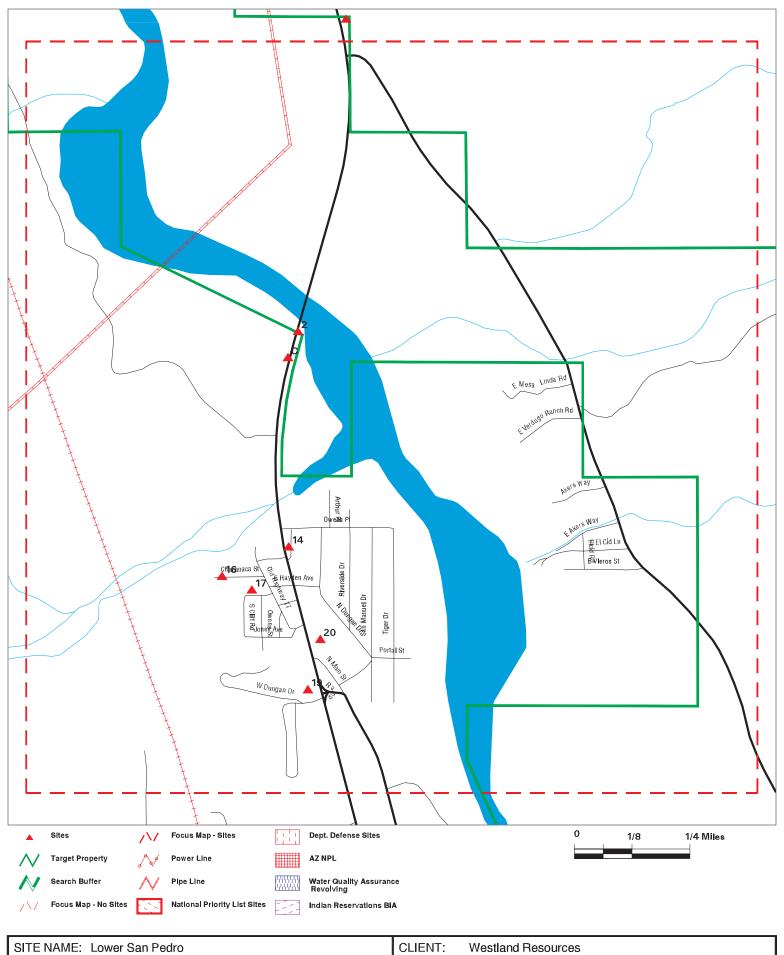
06/18/20

DATE:

Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

Focus Map - 5 - 6085236.2s



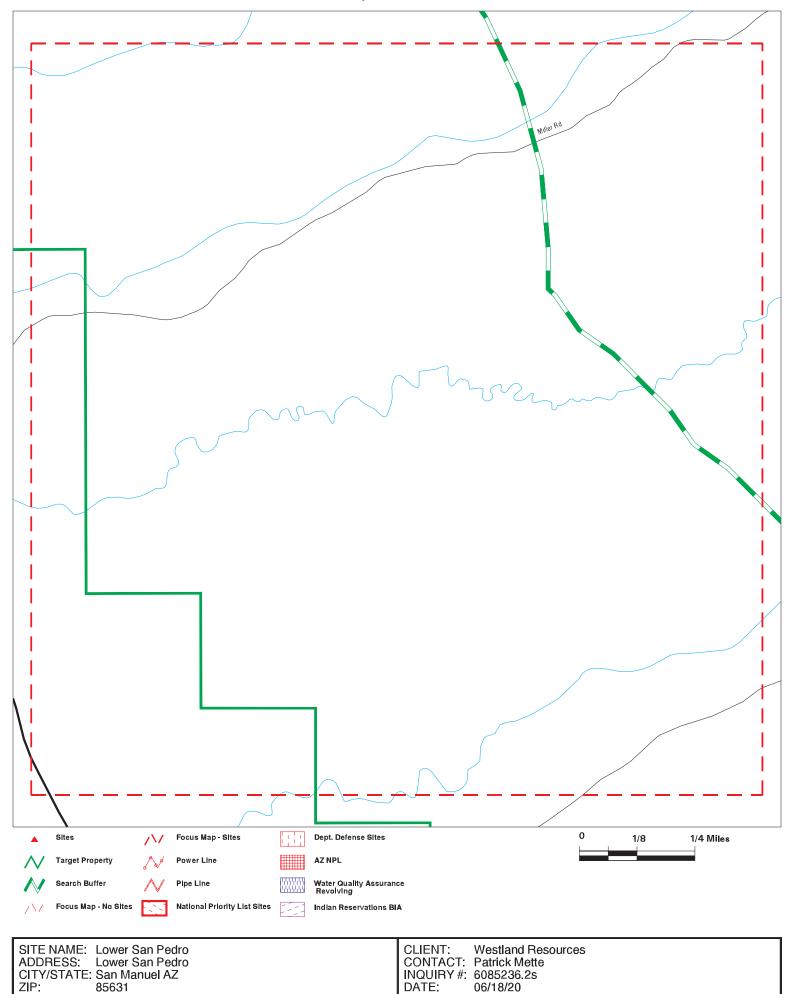
ADDRESS: Lower San Pedro CITY/STATE: San Manuel AZ ZIP: 85631 CLIENT: Westland Resources CONTACT: Patrick Mette INQUIRY#: 6085236.2s

DATE: 06/18/20

Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
2/5	MAMMOTH WWTF	14610 S. STATE RTE 7	FINDS	TP
C10 / 5	TOWN OF MAMMOTH - CI		Aquifer, WWFAC	3 0.001
C11 / 5	MAMMOTH, TOWN OF - W	14610 HIGHWAY 77	FINDS, EMAP, Enforcement, WWFAC	89 0.017 WNW
14 / 5	CREOLA DUNGEN	15062 S HIGHWAY 77	UST	803 0.152 South
16 / 5	SAN CARLOS PROJECT		LUST, UST	1326 0.251 SSW
17 / 5	PINAL APN #306-13-12	203 W HAYDEN AVE	LUST, UST, EMAP	1338 0.253 SSW
19 / 5	PARCEL NO. 306-13-17	706 N HIGHWAY 77	LUST, UST, EMAP, Enforcement	1829 0.346 West
20 / 5	PINAL APN #306-13-20	713 N HIGHWAY 77	LUST, UST, EMAP	1840 0.348 WNW

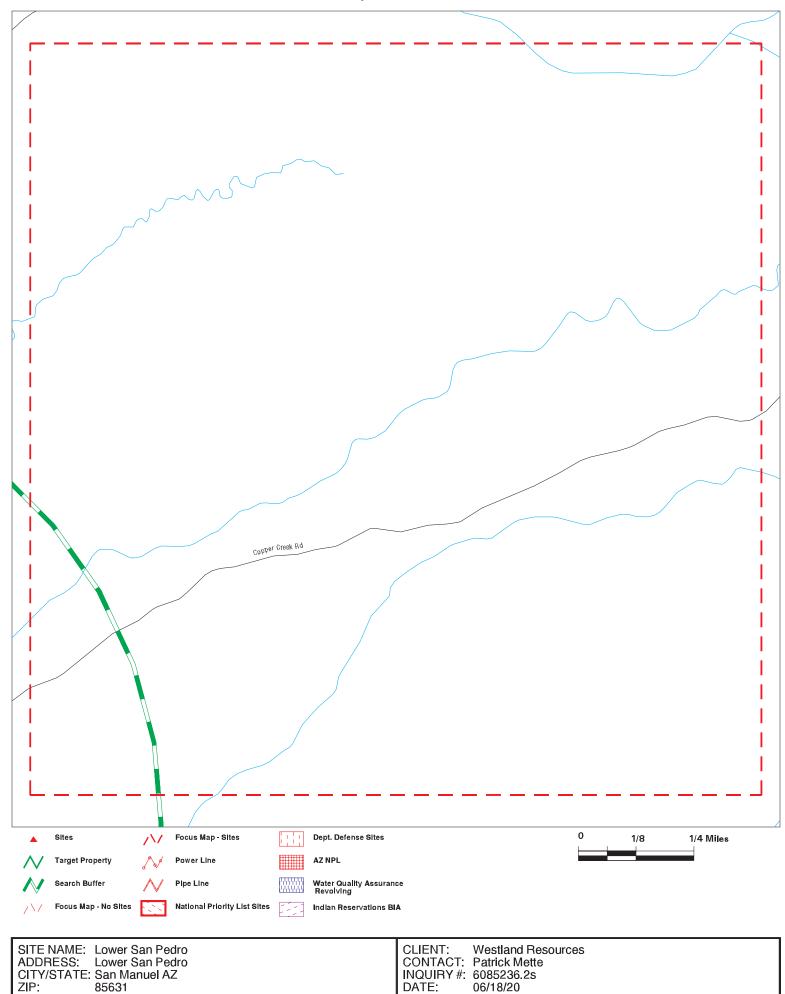
Focus Map - 6 - 6085236.2s



Copyright © 2020 EDR, Inc. © 2015 TomTom Rel. 2015.

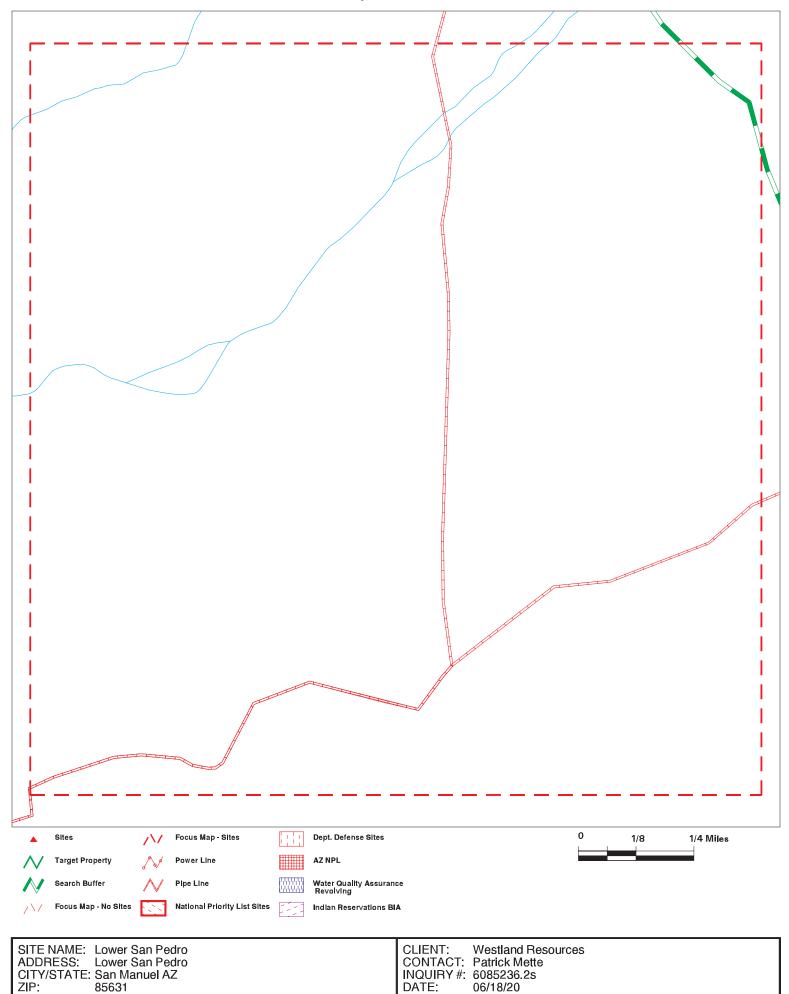
Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION



Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

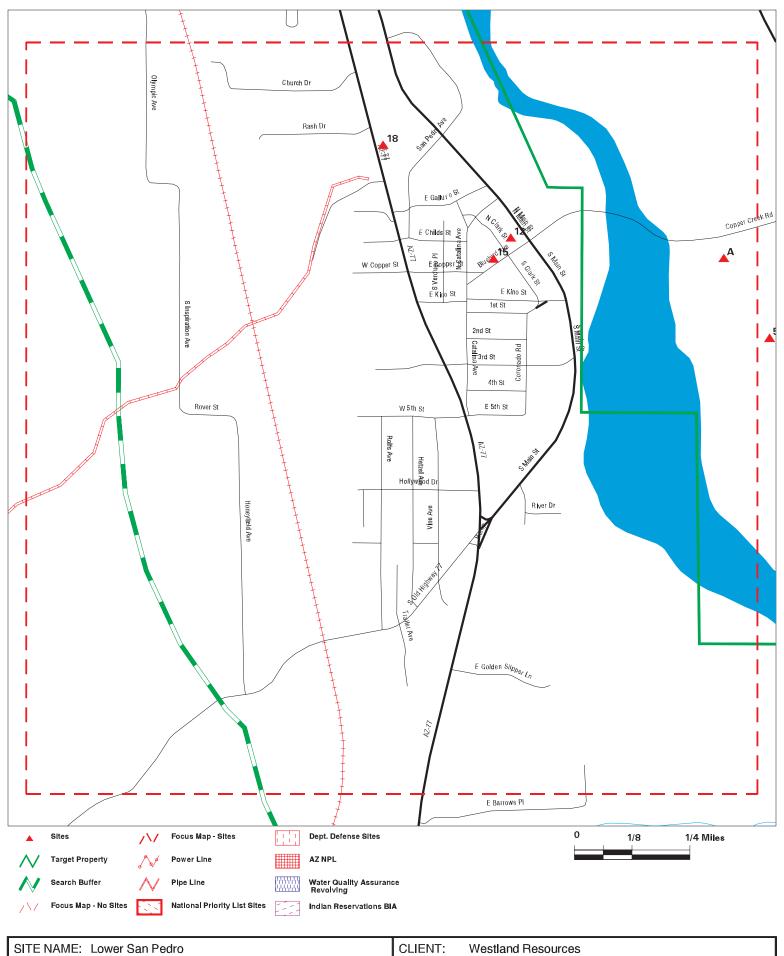


Copyright © 2020 EDR, Inc. © 2015 TomTom Rel. 2015.

Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

Focus Map - 9 - 6085236.2s

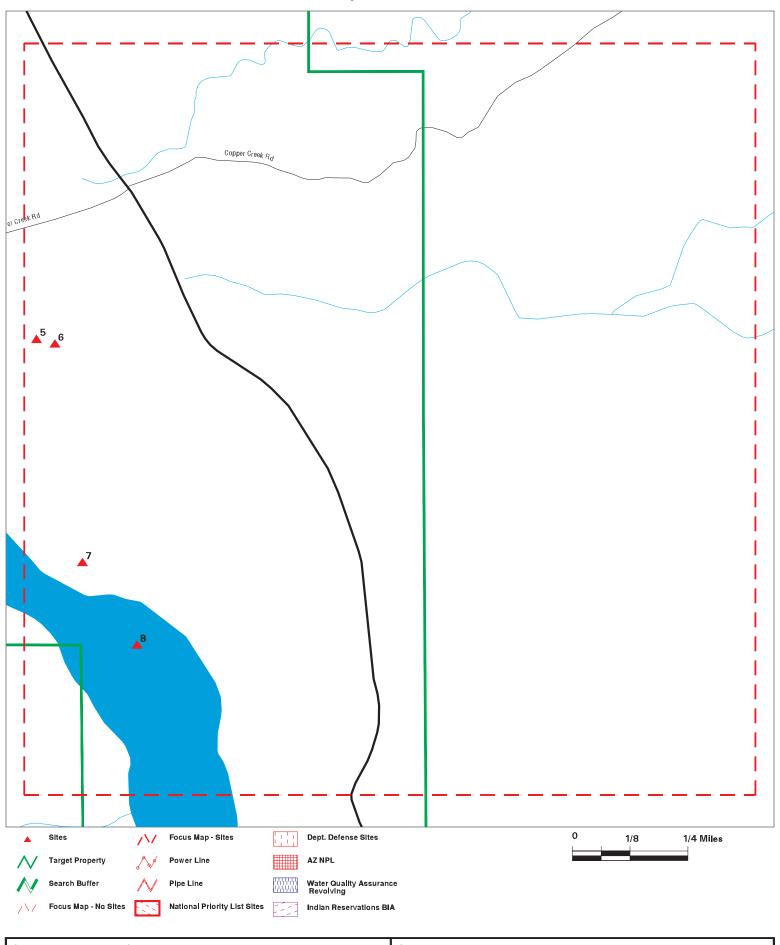


ADDRESS: Lower San Pedro CITY/STATE: San Manuel AZ ZIP: 85631 CLIENT: Westland Resources CONTACT: Patrick Mette INQUIRY #: 6085236.2s DATE: 06/18/20

Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS		(ft. & m	,
A3 / 9	F.L. CLARK TRUCKING		MINES MRDS	TP		_
A4/9	CLARKS GRAVEL QUARRY		MINES MRDS	TP		
12/9	FRED L CLARK TRUCKIN	104 N MAIN ST	UST	710	0.134	SW
15 / 9	TOWN OF MAMMOTH	125 N CLARK ST	UST	1007	0.191	West
18 / 9	CIRCLE K #2700853	307 N HIGHWAY 77	LUST, UST, EMAP, Enforcement, Financial	1505	0.285	WSW

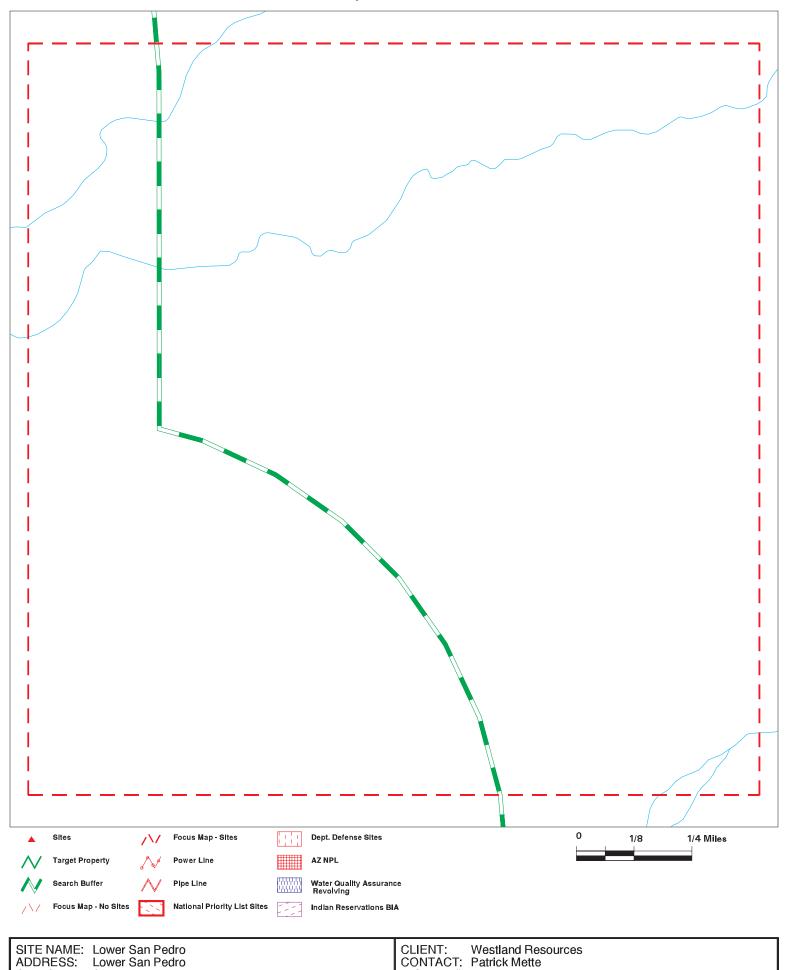
Focus Map - 10 - 6085236.2s



SITE NAME: Lower San Pedro ADDRESS: Lower San Pedro CITY/STATE: San Manuel AZ ZIP: 85631 CLIENT: Westland Resources
CONTACT: Patrick Mette
INQUIRY #: 6085236.2s
DATE: 06/18/20

Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
5/10	PIT NO.1		MINES MRDS	TP
6 / 10	METRO MATERIALS GLOB		US MINES	TP
7 / 10	TIGER TAILINGS DUMP		MINES MRDS	TP
B8 / 10	WHITE CLIFFS MINE &	94294 RIVER ROAD	ABANDONED MINES	TP
B9 / 10	ST. CLOUD MINING CO		US MINES	TP



CITY/STATE: San Manuel AZ

85631

ZIP:

Copyright © 2020 EDR, Inc. © 2015 TomTom Rel. 2015.

INQUIRY#: 6085236.2s

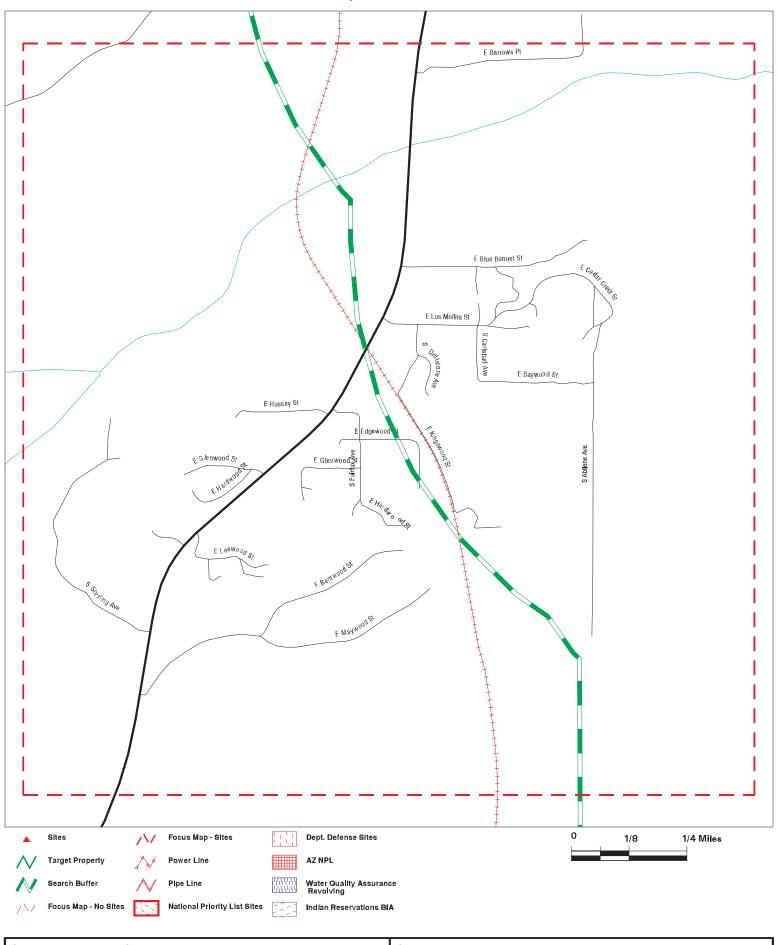
06/18/20

DATE:

Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

Focus Map - 12 - 6085236.2s



SITE NAME: Lower San Pedro ADDRESS: Lower San Pedro CITY/STATE: San Manuel AZ ZIP: 85631

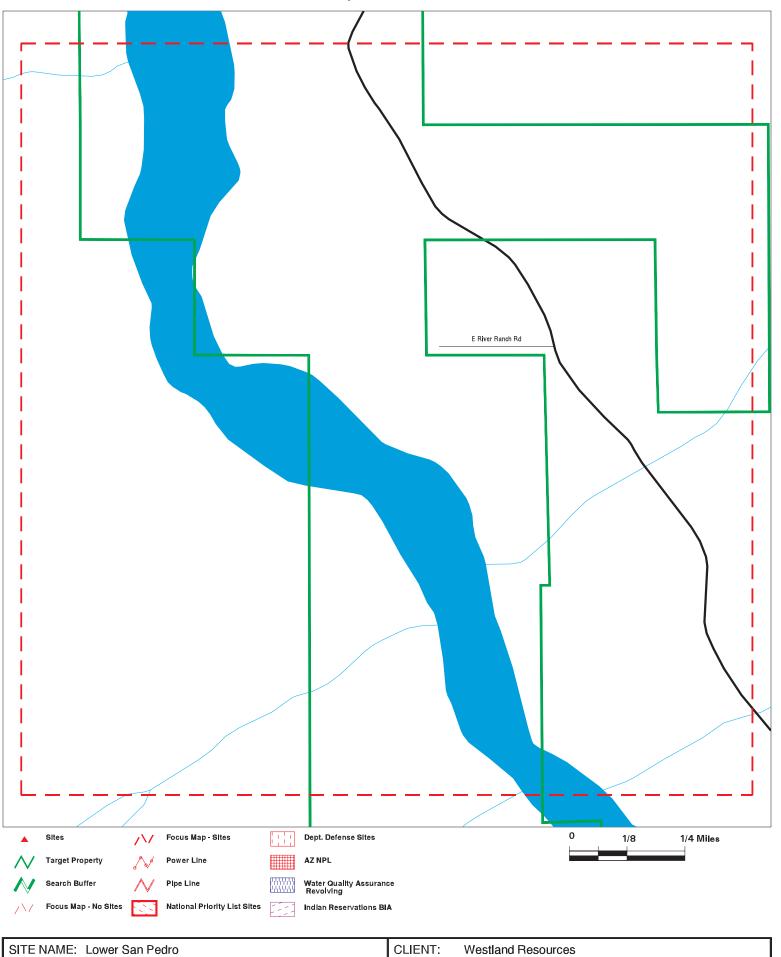
CLIENT: Westland Res CONTACT: Patrick Mette Westland Resources INQUIRY#: 6085236.2s

DATE: 06/18/20

Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

Focus Map - 13 - 6085236.2s



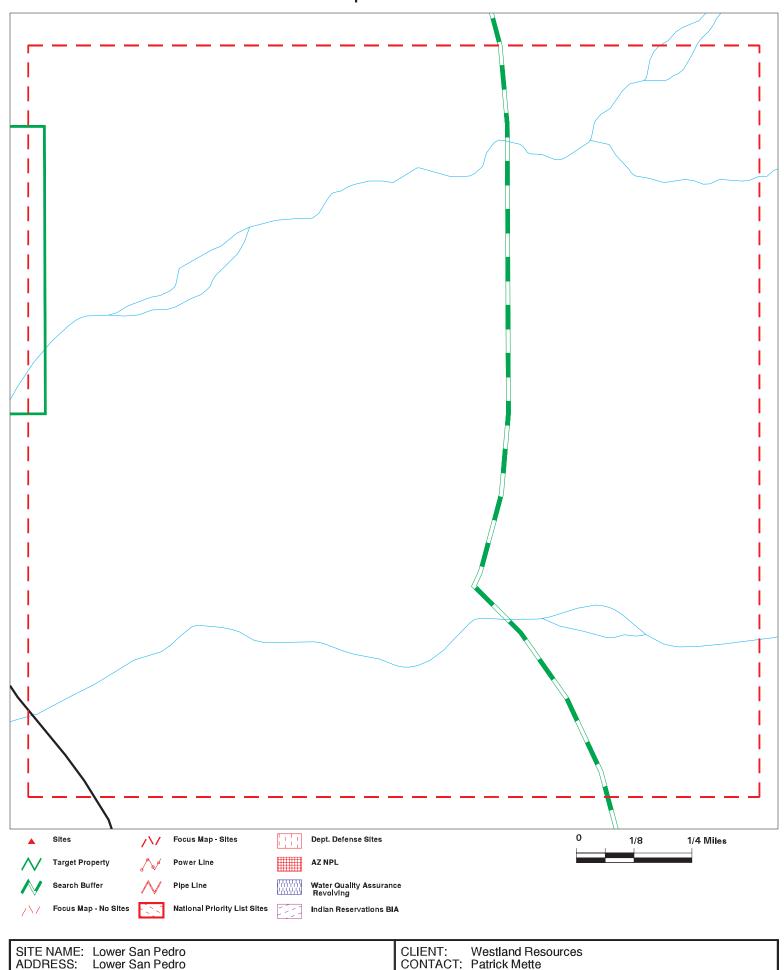
ADDRESS: Lower San Pedro CITY/STATE: San Manuel AZ 85631 ZIP:

CLIENT: Westland Res CONTACT: Patrick Mette Westland Resources

INQUIRY#: 6085236.2s DATE: 06/18/20

Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION



CITY/STATE: San Manuel AZ ZIP:

85631

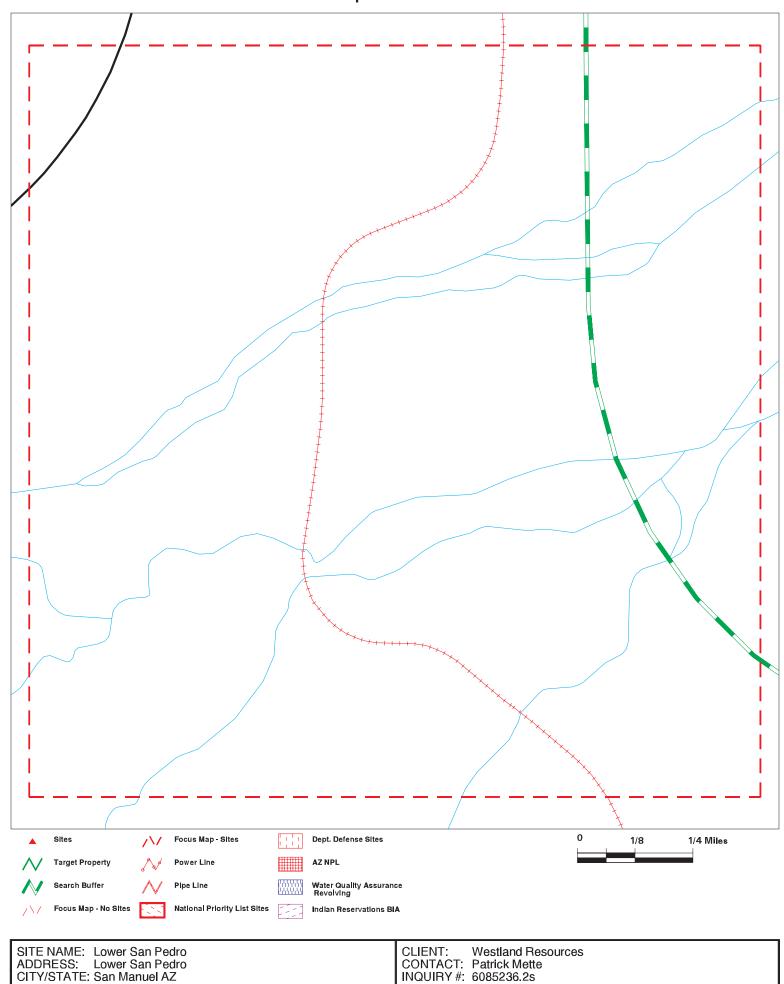
CLIENT: Westland Res CONTACT: Patrick Mette INQUIRY#: 6085236.2s DATE: 06/18/20

MAPPED SITES SUMMARY - FOCUS MAP 14

Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

NO MAPPED SITES FOUND



ZIP:

85631

Copyright © 2020 EDR, Inc. © 2015 TomTom Rel. 2015.

06/18/20

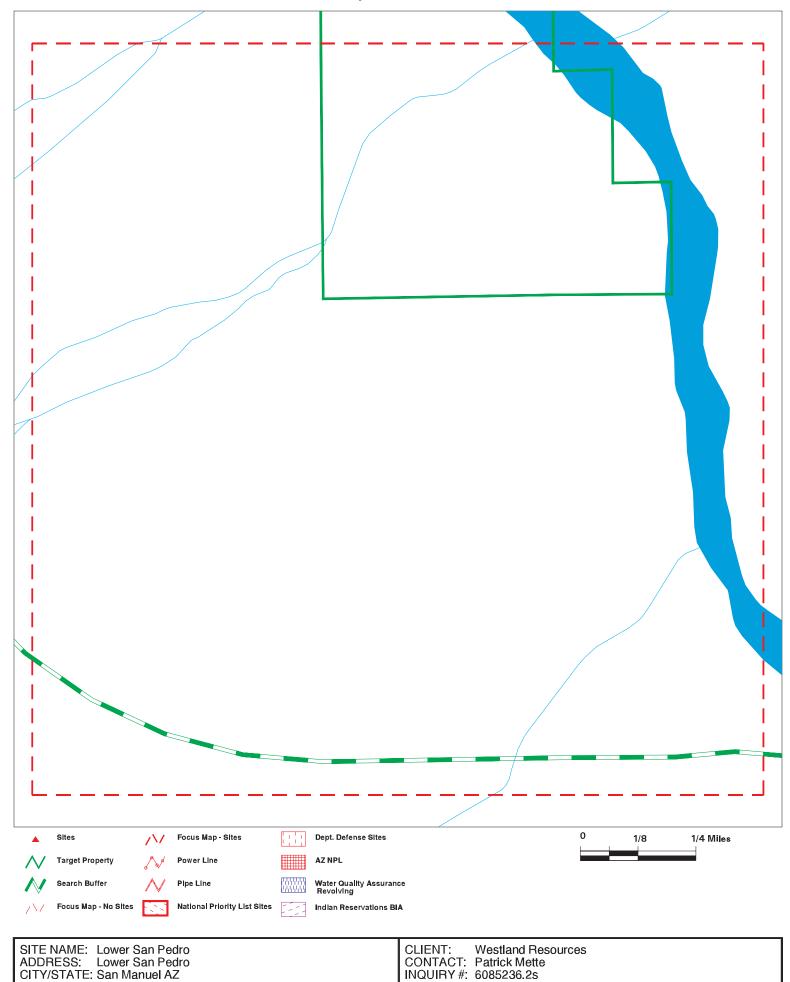
DATE:

MAPPED SITES SUMMARY - FOCUS MAP 15

Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

NO MAPPED SITES FOUND



85631

ZIP:

Copyright © 2020 EDR, Inc. © 2015 TomTom Rel. 2015.

06/18/20

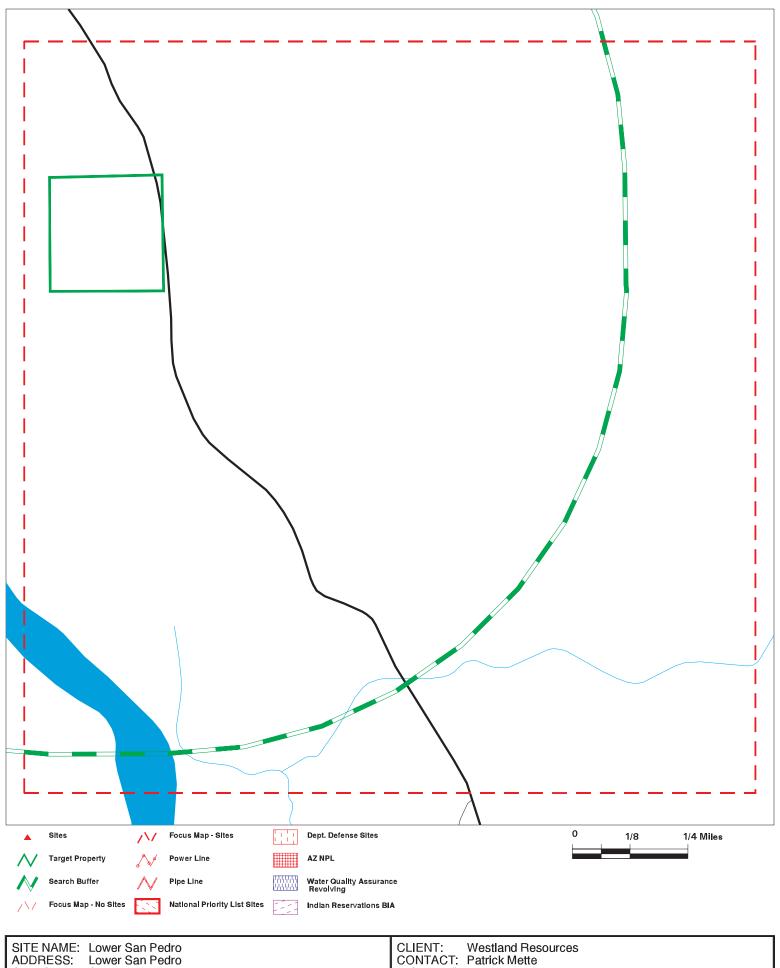
DATE:

MAPPED SITES SUMMARY - FOCUS MAP 16

Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

NO MAPPED SITES FOUND



CITY/STATE: San Manuel AZ ZIP: 85631 DATE:

CLIENT: Westland Res CONTACT: Patrick Mette

INQUIRY#: 6085236.2s 06/18/20

MAPPED SITES SUMMARY - FOCUS MAP 17

Target Property: LOWER SAN PEDRO SAN MANUEL, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

NO MAPPED SITES FOUND

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

PHOENIX FUEL SPILLS S101092842 **Target**

RIVER RD & HWY 77/CLARK PIT #1 N/A

Property MAMMOTH, AZ

SPILLS:

05/25/94 Incident Date: Actual: Property Mngmt: Private 2322 ft. Chemicals: Diesel Focus Map: Response Date: N/A Type: Release Referred to:

SWU & APP Fund Amount: Pvt/Unk Quantity: 2-2500 gals. Incident Number: 94-028-C 5/25/1994 Referral Date: Structure: Tank Date Report: 05/25/94

MAMMOTH WWTF FINDS 1012271197 N/A

14610 S. STATE RTE 77 **Target Property** MAMMOTH, AZ 85618

FINDS:

Registry ID:

Actual: Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_

2319 ft. registry_id=110055977420

Focus Map: Environmental Interest/Information System:

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

Facility System Universal Interface (AFS-UI).

Click this hyperlink while viewing on your computer to access

additional FINDS: detail in the EDR Site Report.

MINES MRDS А3 F.L. CLARK TRUCKING CO. PLANT 1025643839

Target

Property SAN MANUEL, AZ 85631

Site 1 of 2 in cluster A

MINES MRDS: Actual: 2353 ft. Name:

Focus Map:

Address: Not reported

Deposit identification Number: 10162357

City, State, Zip: SAN MANUEL, ARIZONA 85631

URL: https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10162357

F.L. CLARK TRUCKING CO. PLANT

Not reported MRDS Identification Number: 0040210019 MAS/MILS Identification Number:

NA Region:

Country: **United States** Primary Commodities: Silica Secondary Commodities: Not reported **Tertiary Commodities:** Not reported Operation Type: Surface Deposit Type: Not reported Production Size: Not reported **Development Status:** Producer

N/A

Direction Distance

Elevation Site Database(s) **EPA ID Number**

F.L. CLARK TRUCKING CO. PLANT (Continued)

1025643839

EDR ID Number

Ore Minerals or Materials: Not reported Gangue Minerals or Materials: Not reported Not reported Other Minerals or Materials: Ore Body Form: Not reported Workings Type: Not reported Mineral Deposit Model: Not reported Alteration Processes: Not reported Concentration Processes: Not reported Not reported Previous Names: Ore Controls: Not reported

Reporter: Intermountain Field Operations Center (IFOC)

Host Rock Unit Name: Not reported Host Rock Type: Not reported Associated Rock Unit Name: Not reported Associated Rock Type Code: Not reported Structural Characteristics: Not reported Not reported Tectonic Setting: References: Not reported First Production Year: Not reported Began Before/After FPY: Not reported Last Production Year: Not reported Ended Before/After LPY: Not reported Year Discovered: Not reported Found Before/After YD: Not reported Production History: Not reported Discovery Information: Not reported Latitude: 32.7207 Longitude: -110.63238

Α4 **CLARKS GRAVEL QUARRY** MINES MRDS 1025755502 N/A

Target

Property SAN MANUEL, AZ 85631

Site 2 of 2 in cluster A

Actual: MINES MRDS:

2353 ft. Name:

Focus Map:

CLARKS GRAVEL QUARRY Address: Not reported

10283483 Deposit identification Number:

SAN MANUEL, ARIZONA 85631 City, State, Zip:

https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10283483

MRDS Identification Number: M241186 MAS/MILS Identification Number: 0040210238 NA Region:

Country: **United States Primary Commodities:** Silica Not reported Secondary Commodities: **Tertiary Commodities:** Not reported Operation Type: Surface Deposit Type: Not reported Production Size: Not reported Past Producer **Development Status:** Not reported Ore Minerals or Materials: Ganque Minerals or Materials: Not reported Other Minerals or Materials: Not reported Ore Body Form: Not reported Workings Type: Not reported Mineral Deposit Model: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

CLARKS GRAVEL QUARRY (Continued)

1025755502

EDR ID Number

Alteration Processes: Not reported Concentration Processes: Not reported Previous Names: Not reported Not reported Ore Controls: Reporter: **ADMR** Host Rock Unit Name: Not reported Not reported Host Rock Type: Associated Rock Unit Name: Not reported Not reported Associated Rock Type Code: Structural Characteristics: Not reported Tectonic Setting: Not reported References: Not reported First Production Year: Not reported Began Before/After FPY: Not reported Last Production Year: Not reported Ended Before/After LPY: Not reported Not reported Year Discovered: Found Before/After YD: Not reported Production History: Not reported **Discovery Information:** Not reported 32.7207 Latitude: Longitude: -110.63238

PIT NO.1 MINES MRDS 1025666036 N/A

Target

Actual:

2358 ft.

Property SAN MANUEL, AZ 85631

MINES MRDS:

PIT NO.1 Name: Not reported Address: Deposit identification Number: 10186497

Focus Map:

10

City, State, Zip: SAN MANUEL, ARIZONA 85631 URL:

https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10186497 MRDS Identification Number: Not reported

0040210075 MAS/MILS Identification Number: Region: NA Country: **United States**

Primary Commodities: Sand and Gravel, Construction

Secondary Commodities: Not reported **Tertiary Commodities:** Not reported Operation Type: Surface Deposit Type: Not reported Production Size: Not reported **Development Status:** Producer Ore Minerals or Materials: Not reported Gangue Minerals or Materials: Not reported Other Minerals or Materials: Not reported Ore Body Form: Not reported Workings Type: Not reported Mineral Deposit Model: Not reported Alteration Processes: Not reported Concentration Processes: Not reported Not reported Previous Names: Ore Controls: Not reported

Reporter: Intermountain Field Operations Center (IFOC)

Host Rock Unit Name: Not reported Host Rock Type: Not reported Associated Rock Unit Name: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

PIT NO.1 (Continued) 1025666036

Associated Rock Type Code: Not reported Structural Characteristics: Not reported Tectonic Setting: Not reported References: Not reported First Production Year: Not reported Began Before/After FPY: Not reported Not reported Last Production Year: Ended Before/After LPY: Not reported Year Discovered: Not reported Found Before/After YD: Not reported Production History: Not reported Discovery Information: Not reported 32.7182 Latitude: Longitude: -110.63068

METRO MATERIALS GLOBE US MINES 1011121206 6

Target PINAL (County), AZ **Property**

US MINES:

Sic Code(s): 144200 Actual: Sic Code(s): 000000 2359 ft. Sic Code(s): 000000 Sic Code(s): 000000 Focus Map: Sic Code(s): 000000 Sic Code(s): 000000

Mine ID: 0200656 **Entity Name:** MAMMOTH

METRO MATERIALS GLOBE Company:

Status:

Status Date: 20020813 Operation Class: 2 Number of Shops: 0 Number of Plants: 0 Latitude Degree: 00 Longitude Degree: 000 Latitude Minute: 00 Latitude Seconds: 00 Longitude Minutes: 00 Longitude Seconds: 00 Number of Pits: 000

TIGER TAILINGS DUMP MINES MRDS 1025688527 7 N/A

Target

SAN MANUEL, AZ 85631 **Property**

MINES MRDS:

TIGER TAILINGS DUMP Name:

Actual: Address: Not reported 2378 ft. Deposit identification Number: 10210869

City, State, Zip: Focus Map:

URL: 10

https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10210869

SAN MANUEL, ARIZONA 85631

MRDS Identification Number: Not reported MAS/MILS Identification Number: 0040210021 Region: NA

United States Country:

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TIGER TAILINGS DUMP (Continued)

1025688527

Primary Commodities: Copper Secondary Commodities: Not reported Gold, Silver **Tertiary Commodities:** Operation Type: Surface Deposit Type: Not reported Production Size: Not reported **Development Status:** Producer Ore Minerals or Materials: Not reported Not reported Ganque Minerals or Materials: Other Minerals or Materials: Not reported Ore Body Form: Not reported Workings Type: Not reported Mineral Deposit Model: Not reported Alteration Processes: Not reported Concentration Processes: Not reported Previous Names: Not reported Not reported Ore Controls:

Reporter: Intermountain Field Operations Center (IFOC)

Host Rock Unit Name: Not reported Host Rock Type: Not reported Associated Rock Unit Name: Not reported Associated Rock Type Code: Not reported Structural Characteristics: Not reported Tectonic Setting: Not reported References: Not reported First Production Year: Not reported Began Before/After FPY: Not reported Last Production Year: Not reported Ended Before/After LPY: Not reported Year Discovered: Not reported Found Before/After YD: Not reported Production History: Not reported Discovery Information: Not reported Latitude: 32.7112 -110.62898 Longitude:

WHITE CLIFFS MINE & PLANT **ABANDONED MINES** 1022834586 94294 RIVER ROAD N/A

Target Property MAMMOTH, AZ 87943

Site 1 of 2 in cluster B

ABANDONED MINES: Actual: 2379 ft.

Focus Map:

B8

Mine ID: 0202342 WHITE CLIFFS MINE & PLANT Mine Name:

Mine Address: 94294 RIVER ROAD City, State, Zip: MAMMOTH, AZ 87943

Primary SIC Code: Not reported Mine Type: Surface Mine Status Description: Abandoned Mine Status Date: 1/1/2012 Coal (C) or Metal (M) Mine: М Controller ID: 0041943

Controller Name: Imagin Minerals Incorporated

Operator ID: L06398

Operator name: St. Cloud Mining Co Address of Record Street: 761 Saint Cloud Rd Address of Record PO Box: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

WHITE CLIFFS MINE & PLANT (Continued)

1022834586

EDR ID Number

Address of Record City: Winston Address of Record State: ΑZ Address of Record Zip Code: 87943

Assessment Address Street: 761 Saint Cloud Rd Assessment Address PO Box: Not reported Assessment Address City: Winston Assessment Address State: ΑZ 87943 Assessment Address Zip Code:

Mine Health and Safety Address Street: 94294 RIVER ROAD Mine Health and Safety Address PO Box: Not reported MAMMOTH Mine Health and Safety Address City: Mine Health and Safety Address State: ΑZ Mine Health and Safety Address Zip Code: 87943 Latitude: 32.708611

US MINES B9 ST. CLOUD MINING CO 1011122866 N/A

-110.626944

Target

Property PINAL (County), AZ

Site 2 of 2 in cluster B

Longitude:

Actual: US MINES: 2378 ft. Sic Code(s):

Focus Map: 10

Sic Code(s): 000000 Mine ID: 0202342

Entity Name: WHITE CLIFFS MINE & PLANT Company: ST. CLOUD MINING CO

149904

Status:

Status Date: 20120101 Operation Class: 2 Number of Shops: 0

Number of Plants: 0 Latitude Degree: 32 Longitude Degree: 110 Latitude Minute: 42 Latitude Seconds: 30 Longitude Minutes: 37 Longitude Seconds: 36 Number of Pits: 000

C10 S108106929 **TOWN OF MAMMOTH - CIELO WWTP** Aquifer **WWFAC** N/A

< 1/8 MAMMOTH, AZ 85326

0.001 mi.

Site 1 of 2 in cluster C 3 ft.

AQUIFER: Actual:

2328 ft. Name: TOWN OF MAMMOTH - CIELO WWTP

Address: Not reported Focus Map:

MAMMOTH, AZ 85326 City,State,Zip:

Invoice #: 105647

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TOWN OF MAMMOTH - CIELO WWTP (Continued)

S108106929

Place ID: 91551 LTF Number: 60498

Permit Type: APP, Individual Permit, Minor Amendment

Permit Status:

AZ PDES Permit #: Not reported

WASTEWATER TREATMENT PLANT Facility Type:

32.741066667 Latitude: Longitude: 110.648272222 Issue Date: 06/13/2014 Expire Date: Not reported App Name: Town Of Mammoth PO BOX 130 App Address:

App City/State/Zip: MAMMOTH, AZ 85618 Phone: (520) 487-2331 Email: Not reported

WWFAC:

Place ID: 91551 Inventory ID: 105647 Facility Code: **WWTP**

WASTEWATER TREATMENT PLANT Facility Type:

MAMMOTH, TOWN OF - WWTP C11 **FINDS** 1007124615 **EMAP** WNW 14610 HIGHWAY 77 N/A < 1/8 SAN MANUEL, AZ 85631 **Enforcement** 0.017 mi. **WWFAC**

89 ft. Site 2 of 2 in cluster C

Actual: FINDS:

2328 ft. Registry ID: 110015935069

Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_ Focus Map:

registry_id=110015935069

Environmental Interest/Information System:

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

Facility System Universal Interface (AFS-UI).

Click this hyperlink while viewing on your computer to access

additional FINDS: detail in the EDR Site Report.

EMAP:

TOWN OF MAMMOTH - WWTP Name:

Address: 14610 HIGHWAY 77 City,State,Zip: MAMMOTH, AZ 85618

ID Number: 1577 Township: **8S** Range: 17E Section: 18 Quarter 1: SW Quarter 2: ΝE Quarter 3: NE

32.741066 Latitude: Longitude: -110.648273

Collection Method: GPS WITH CORRECTION < 3 METER ERROR

WASTEWATER TREATMENT PLANT Place Type:

Direction Distance

Elevation Site Database(s) EPA ID Number

MAMMOTH, TOWN OF - WWTP (Continued)

1007124615

EDR ID Number

Place Type Code: WWTP
Place C Code: PP
Facility Status: ACTIVE
End Date: Not reported

Verified:

Name: POD INTO EVAP / PERCO PONDS

Address: 14610 HIGHWAY 77 City, State, Zip: MAMMOTH, AZ 85618

 ID Number:
 18020

 Township:
 8N

 Range:
 17W

 Section:
 18

Quarter 1: Not reported
Quarter 2: Not reported
Quarter 3: Not reported
Latitude: 32.740833
Longitude: -110.648056

Collection Method: PROVIDED IN A WATER QUALITY PERMIT Place Type: WASTEWATER MONITORING POINT

Place Type Code: WWMP
Place C Code: RO
Facility Status: ACTIVE
End Date: Not reported

Verified: Y

Name: GW NORTHWEST WELL POC

Address: 14610 HIGHWAY 77
City,State,Zip: MAMMOTH, AZ 85618

 ID Number:
 18021

 Township:
 8N

 Range:
 17W

 Section:
 18

Quarter 1: Not reported
Quarter 2: Not reported
Quarter 3: Not reported
Latitude: 32.741667
Longitude: -110.647222

Collection Method: PROVIDED IN A WATER QUALITY PERMIT Place Type: WASTEWATER MONITORING POINT

Place Type Code: WWMP
Place C Code: RO
Facility Status: ACTIVE
End Date: Not reported

Verified: Y

Name: FACILITY INSPECTION
Address: 14610 HIGHWAY 77
City, State, Zip: MAMMOTH, AZ 85618

 ID Number:
 18022

 Township:
 8N

 Range:
 17W

 Section:
 18

Quarter 1: Not reported
Quarter 2: Not reported
Quarter 3: Not reported
Latitude: 32.740833

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

MAMMOTH, TOWN OF - WWTP (Continued)

1007124615

Longitude: -110.648056

Collection Method: PROVIDED IN A WATER QUALITY PERMIT Place Type: WASTEWATER MONITORING POINT

Place Type Code: WWMP
Place C Code: RO
Facility Status: ACTIVE
End Date: Not reported

Verified: Y

ENF:

Facility ID: 1577

Facility Name: TOWN OF MAMMOTH - WWTP

Address: 14610 HIGHWAY 77 City,State,Zip: MAMMOTH, AZ 85618

Case ID: 112014

Facility Type: WASTEWATER TREATMENT PLANT

Notice Type: Not reported
Notice Issue Date: 08/20/2009
Order Type: Not reported
Order Issue Date: Not reported
Closed Date: 10/27/2009
Facility Status: Case Closed

Env Program: SMRF (STATE WASTEWATER)

Notice Type Code: Not reported

WWFAC:

Place ID: 1577 Inventory ID: 101690 Facility Code: WWTP

Facility Type: WASTEWATER TREATMENT PLANT

12 FRED L CLARK TRUCKING CO SW 104 N MAIN ST

1/8-1/4 MAMMOTH, AZ 85618

0.134 mi. 710 ft.

 Actual:
 UST:

 2362 ft.
 Name:
 FRED L CLARK TRUCKING CO

Focus Map: Address: 104 N MAIN ST 9 City, State, Zip: MAMMOTH, AZ 85618

Facility ID: 0-001558

Owner: FRED CLARK TRUCKING COMPANY

Latitude: 32.720906 Longitude: 110.639553

Tank ID: 1

Date Closed: 08/01/1992
Tank Status: Perm Closure
Closure Type: Removal
Tank Inst Date: 01/01/1976
Capacity: 7500
Substance: Diesel

Compartment: COMPARTMENT A
Tank Const Type: Not reported

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: Suction - Check Valve at the Tank Top

UST

U001157898

N/A

Direction Distance

Elevation Site Database(s) **EPA ID Number**

FRED L CLARK TRUCKING CO (Continued)

U001157898

EDR ID Number

Pipe Mtrl Type: Not reported Pipe const Type: Not reported

Tank ID:

08/01/1992 Date Closed: Tank Status: **Perm Closure** Closure Type: Removal Tank Inst Date: 01/01/1976 Capacity: 7500 Substance: Gasoline

Compartment: **COMPARTMENT A** Tank Const Type: Not reported

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: Suction - Check Valve at the Tank Top

Pipe Mtrl Type: Not reported Pipe const Type: Not reported

13 **NATIONAL GYPSUM COMPANY** **US MINES** 1025788119 N/A

1/8-1/4

East

PINAL (County), AZ

0.147 mi. 777 ft.

Actual: US MINES: 2364 ft.

Sic Code(s): 149907 Sic Code(s): 000000 Focus Map: Sic Code(s): 000000 Sic Code(s): 000000

Sic Code(s): 000000 Sic Code(s): 000000 Mine ID: 0202160 **Entity Name:** FELDMAN #2

Company: NATIONAL GYPSUM COMPANY

Status:

Status Date: 19830825

Operation Class: 2 Number of Shops: 0 Number of Plants: 0 Latitude Degree: 32 Longitude Degree: 110 Latitude Minute: 51 Latitude Seconds: 52 Longitude Minutes: 41 Longitude Seconds: 49 Number of Pits: 000

UST U001628173 14 **CREOLA DUNGEN** South 15062 S HIGHWAY 77 N/A

1/8-1/4 MAMMOTH, AZ 85618 0.152 mi.

Actual: UST:

803 ft.

2375 ft. Name: CREOLA DUNGEN Address: 15062 S HIGHWAY 77 Focus Map: City,State,Zip: MAMMOTH, AZ 85618

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CREOLA DUNGEN (Continued)

U001628173

Facility ID: 0-006770

DUNGEN, CREOLA Owner:

Latitude: 32.737067 Longitude: 110.649657

Tank ID:

02/15/1990 Date Closed: Tank Status: **Perm Closure** Closure Type: Removal Tank Inst Date: 01/01/1968 8000 Capacity: Substance: Gasoline

COMPARTMENT A Compartment: Tank Const Type: **Double Walled**

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: Not reported Pipe Mtrl Type: Not reported Pipe const Type: Not reported

Tank ID: 2

Date Closed: 02/15/1990 **Tank Status: Perm Closure** Closure Type: Removal Tank Inst Date: 01/01/1968 Capacity: 4000 Substance: Gasoline

Compartment: **COMPARTMENT A** Tank Const Type: **Double Walled**

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: Not reported Pipe Mtrl Type: Not reported Pipe const Type: Not reported

15 **TOWN OF MAMMOTH** UST U003091376 West 125 N CLARK ST N/A

1/8-1/4 0.191 mi. 1007 ft.

Actual: UST: 2380 ft. Name: TOWN OF MAMMOTH Address: 125 N CLARK ST Focus Map:

MAMMOTH, AZ 85618

City, State, Zip: MAMMOTH, AZ 85618 Facility ID: 0-005920

TOWN OF MAMMOTH Owner:

Latitude: 32.721888 Longitude: 110.641094

Tank ID:

Date Closed: 02/01/1991 Tank Status: **Perm Closure** Closure Type: Removal Tank Inst Date: 11/20/1967 Capacity: 650 Substance: Gasoline

COMPARTMENT A Compartment: Tank Const Type: **Double Walled**

Tank Mtrl Type: Asphalt coated or Bare Steel

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

TOWN OF MAMMOTH (Continued)

Pipe Type: Suction - Check Valve at the Tank Top

Pipe Mtrl Type: Not reported Pipe const Type: Not reported

16 SAN CARLOS PROJECT LUST U001000049

SSW UST N/A

1/4-1/2 MAMMOTH, AZ 0.251 mi.

0.251 mi. 1326 ft.

Actual: LUST: 2398 ft. Name:

2398 ft.Name:SAN CARLOS PROJECTFocus Map:Address:Not reported5City,State,Zip:MAMMOTH, AZ

City,State,Zip: MAMMOT
Facility ID: 0-004333
Lust Number: 3639.02
Facility Status: CLOSED
Leak Priority: 5R1

Priority Description: Closed soil levels meet RBCA Tier 1

Notification: 11/04/97 Date Closed: 07/30/98

UST:

Name: SAN CARLOS PROJECT

Address: Not reported City, State, Zip: MAMMOTH Facility ID: 0-004333

Owner: SAN CARLOS IRRIGATION PROJECT

Latitude: 32.734267 Longitude: 110.650995

Tank ID:

Date Closed: 10/21/1997
Tank Status: Perm Closure
Closure Type: Removal
Tank Inst Date: 05/08/1976
Capacity: 20000
Substance: Gasoline

Compartment: COMPARTMENT A
Tank Const Type: Double Walled

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: Gravity Feed
Pipe Mtrl Type: Not reported
Pipe const Type: Not reported

17 PINAL APN #306-13-121 LUST U004224586 SSW 203 W HAYDEN AVE UST N/A

MAMMOTH, AZ 85618 EMAP

0.253 mi. 1338 ft.

1/4-1/2

Actual: LUST:

 2391 ft.
 Name:
 PINAL APN #306-13-121

 Focus Map:
 Address:
 203 W HAYDEN AVE

 5
 City,State,Zip:
 MAMMOTH, AZ 85618

Facility ID: 0-010507

U003091376

Direction Distance

Elevation Site Database(s) EPA ID Number

PINAL APN #306-13-121 (Continued)

U004224586

EDR ID Number

Lust Number: 5623.01
Facility Status: CLOSED
Leak Priority: 5R1

Priority Description: Closed soil levels meet RBCA Tier 1

 Notification:
 09/09/14

 Date Closed:
 01/07/16

UST:

Name: PINAL APN #306-13-121 Address: 203 W HAYDEN AVE City,State,Zip: MAMMOTH, AZ 85618

 Facility ID:
 0-010507

 Owner:
 None

 Latitude:
 32.733773

 Longitude:
 110.649406

Tank ID: 1

Date Closed: 08/05/2014
Tank Status: Perm Closure
Closure Type: Removal
Tank Inst Date: Not reported
Capacity: 1500
Substance: (Null)

Compartment: COMPARTMENT A Tank Const Type: Single Walled

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: Pressure

Pipe Mtrl Type: Bare or Galvanized Steel

Pipe const Type: Single Walled

Tank ID: 2

Date Closed: 08/05/2014
Tank Status: Perm Closure
Closure Type: Removal
Tank Inst Date: Not reported
Capacity: 1000
Substance: Gasoline

Compartment: COMPARTMENT A Tank Const Type: Single Walled

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: Pressure

Pipe Mtrl Type: Bare or Galvanized Steel

Pipe const Type: Single Walled

Tank ID: 3

Date Closed: 08/05/2014
Tank Status: Perm Closure
Closure Type: Removal
Tank Inst Date: Not reported
Capacity: 1500
Substance: Gasoline

Compartment: COMPARTMENT A Tank Const Type: Single Walled

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: Pressure

Pipe Mtrl Type: Bare or Galvanized Steel

Pipe const Type: Single Walled

Direction Distance

18

wsw

1/4-1/2

EDR ID Number Elevation Site Database(s) **EPA ID Number**

PINAL APN #306-13-121 (Continued)

U004224586

Tank ID:

08/05/2014 Date Closed: Tank Status: **Perm Closure** Closure Type: Removal Tank Inst Date: Not reported Capacity: 1500 Substance: Gasoline

COMPARTMENT A Compartment: Tank Const Type: Single Walled

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: **Pressure**

Pipe Mtrl Type: **Bare or Galvanized Steel**

Single Walled Pipe const Type:

EMAP:

PINAL APN #306-13-121 Name: 203 W HAYDEN AVE Address: City, State, Zip: MAMMOTH, AZ 85618

ID Number: 146595 Township: Not reported Not reported Range: Section: Not reported Quarter 1: Not reported Quarter 2: Not reported Quarter 3: Not reported Latitude: 32.733775 -110.649442 Lonaitude:

Collection Method: LOCATED FROM COUNTY PARCEL INFORMATION

Place Type: GAS FILLING STATION - COMMERCIAL

Place Type Code: GS Place C Code: PΡ Facility Status: **ACTIVE** End Date: Not reported

Verified: Υ

LUST **CIRCLE K #2700853** U004130106

307 N HIGHWAY 77 UST MAMMOTH, AZ 85618 **EMAP**

0.285 mi. **Enforcement** 1505 ft. **Financial Assurance**

Actual: LUST: 2409 ft. CIRCLE K #2700853 Name: 307 N HIGHWAY 77 Address: Focus Map: City, State, Zip: MAMMOTH, AZ 85618

> Facility ID: 0-001335 Lust Number: 581.02 Facility Status: CLOSED Leak Priority:

Priority Description: Closed soil levels meet RBCA Tier 1

11/28/95 Notification: Date Closed: 04/08/98

Name: CIRCLE K #2700853 Address: 307 N HIGHWAY 77 City,State,Zip: MAMMOTH, AZ 85618

Facility ID: 0-001335 N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

CIRCLE K #2700853 (Continued)

U004130106

EDR ID Number

Lust Number:581.04Facility Status:CLOSEDLeak Priority:5R3

Priority Description: Closed soil levels meet RBCA Tier 3

 Notification:
 12/26/14

 Date Closed:
 01/07/20

 Name:
 CIRCLE K #2700853

 Address:
 307 N HIGHWAY 77

 City, State, Zip:
 MAMMOTH, AZ 85618

 Facility ID:
 0-001335

 Lust Number:
 581.03

 Facility Status:
 CLOSED

 Leak Priority:
 5R1

Priority Description: Closed soil levels meet RBCA Tier 1

 Notification:
 11/28/95

 Date Closed:
 04/08/98

 Name:
 CIRCLE K #2700853

 Address:
 307 N HIGHWAY 77

 City, State, Zip:
 MAMMOTH, AZ 85618

 Facility ID:
 0-001335

 Lust Number:
 581.01

 Facility Status:
 CLOSED

 Leak Priority:
 5R1

Priority Description: Closed soil levels meet RBCA Tier 1

Notification: 11/10/88 Date Closed: 04/08/98

UST:

 Name:
 CIRCLE K #2700853

 Address:
 307 N HIGHWAY 77

 City,State,Zip:
 MAMMOTH, AZ 85618

Facility ID: 0-001335

Owner: CIRCLE K STORES INC

Latitude: 32.724145 Longitude: 110.645027

Tank ID: 1

Date Closed: 11/28/1995
Tank Status: Perm Closure
Closure Type: Removal
Tank Inst Date: 01/01/1973
Capacity: 10000
Substance: Gasoline

Compartment: COMPARTMENT A Tank Const Type: Not reported

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: Not reported
Pipe Mtrl Type: Not reported
Pipe const Type: Not reported

Tank ID: 2

Date Closed: 11/28/1995
Tank Status: Perm Closure
Closure Type: Removal
Tank Inst Date: 01/01/1973

Direction Distance

Elevation Site Database(s) EPA ID Number

CIRCLE K #2700853 (Continued)

U004130106

EDR ID Number

Capacity: 10000 Substance: Gasoline

Compartment: COMPARTMENT A Tank Const Type: Not reported

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: Not reported
Pipe Mtrl Type: Not reported
Pipe const Type: Not reported

Tank ID:

Date Closed: 11/28/1995
Tank Status: Perm Closure
Closure Type: Removal
Tank Inst Date: 01/01/1973
Capacity: 6000
Substance: Gasoline

Compartment: COMPARTMENT A
Tank Const Type: Not reported

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: Not reported
Pipe Mtrl Type: Not reported
Pipe const Type: Not reported

Tank ID:

Date Closed: Not reported
Tank Status: Open
Closure Type: Not reported
Tank Inst Date: 12/08/1995

Capacity: 10000
Substance: Gasoline
Compartment: COMPART

Compartment: COMPARTMENT A
Tank Const Type: Not reported

Tank Mtrl Type: Fiberglass Reinforced Plastic

Pipe Type: Pressure

Pipe Mtrl Type: Fiberglass Reinforced Plastic

Pipe const Type: Double Walled

Tank ID: 5

Date Closed: Not reported
Tank Status: Open
Closure Type: Not reported
Tank Inst Date: 12/08/1995
Capacity: 10000

Substance: Gasoline (PUL)
Compartment: COMPARTMENT A
Tank Const Type: Not reported

Tank Mtrl Type: Fiberglass Reinforced Plastic

Pipe Type: Pressure

Pipe Mtrl Type: Fiberglass Reinforced Plastic

Pipe const Type: Double Walled

EMAP:

 Name:
 CIRCLE K #2700853

 Address:
 307 N HIGHWAY 77

 City,State,Zip:
 MAMMOTH, AZ 85618

ID Number: 4117 Township: 8S

Direction Distance

Elevation Site Database(s) EPA ID Number

CIRCLE K #2700853 (Continued)

U004130106

EDR ID Number

Range: 17E Section: 19

Quarter 1: Not reported
Quarter 2: Not reported
Quarter 3: Not reported
Latitude: 32.724258
Longitude: -110.645014

Collection Method: LOCATED FROM COUNTY PARCEL INFORMATION

Place Type: GAS FILLING STATION - COMMERCIAL

Place Type Code: GS
Place C Code: PP
Facility Status: ACTIVE
End Date: Not reported

Verified: Y

ENF:

Facility ID: 4117

Facility Name: CIRCLE K #2700853
Address: 307 N HIGHWAY 77
City, State, Zip: MAMMOTH, AZ 85618

Case ID: 82531

Facility Type: GAS FILLING STATION - COMMERCIAL

Notice Type: Not reported
Notice Issue Date: 05/02/2007
Order Type: Not reported
Order Issue Date: Not reported
Closed Date: 05/10/2007
Facility Status: Case Closed

Env Program: UNDERGROUND STORAGE TANK PROGRAM

Notice Type Code: Not reported

Facility ID: 4117

Facility Name: CIRCLE K #2700853
Address: 307 N HIGHWAY 77
City, State, Zip: MAMMOTH, AZ 85618

Case ID: 110324

Facility Type: GAS FILLING STATION - COMMERCIAL

Notice Type: Not reported
Notice Issue Date: 06/03/2009
Order Type: Not reported
Order Issue Date: Not reported
Closed Date: 08/10/2009
Facility Status: Case Closed

Env Program: UNDERGROUND STORAGE TANK PROGRAM

Notice Type Code: Not reported

Financial Assurance 1:

 Name:
 CIRCLE K #2700853

 Address:
 307 N HIGHWAY 77

 City,State,Zip:
 MAMMOTH, AZ 85618

Mech Desc: Guarantee

Owner Name: CIRCLE K STORES INC

Annual Coverage: 2000000
Effective Date: 08/28/2019
Expired Date: 08/28/2020

Direction Distance

Elevation Site Database(s) EPA ID Number

 19
 PARCEL NO. 306-13-176D
 LUST U003153825

 West
 706 N HIGHWAY 77
 UST N/A

MAMMOTH, AZ 85618

1/4-1/2 MAMMOTH, AZ 85618 EMAP 0.346 mi. Enforcement

1829 ft.

 Actual:
 LUST:

 2390 ft.
 Name:

 PARCEL NO. 306-13-176D

 Focus Man:
 Address:

 706 N HIGHWAY 77

Focus Map: Address: 5 City,State,Zip:

 Facility ID:
 0-008828

 Lust Number:
 5576.01

 Facility Status:
 CLOSED

 Leak Priority:
 5R1

Priority Description: Closed soil levels meet RBCA Tier 1

Notification: 03/08/12 Date Closed: 08/21/12

UST:

 Name:
 PARCEL NO. 306-13-176D

 Address:
 706 N HIGHWAY 77

 City, State, Zip:
 MAMMOTH, AZ 85618

Facility ID: 0-008828

Owner: SALIM & NABILA ABUKHZAM

Latitude: 32.730714 Longitude: 110.647658

Tank ID: 1

Date Closed: 01/18/2012
Tank Status: Perm Closure
Closure Type: Removal
Tank Inst Date: 01/01/1988
Capacity: 8000
Substance: Gasoline

Compartment: COMPARTMENT A Tank Const Type: Single Walled

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: Pressure

Pipe Mtrl Type: Bare or Galvanized Steel

Pipe const Type: Single Walled

Tank ID: 2

Date Closed: 01/18/2012
Tank Status: Perm Closure
Closure Type: Removal
Tank Inst Date: 01/01/1988
Capacity: 8000
Substance: Gasoline

Compartment: COMPARTMENT A Tank Const Type: Single Walled

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: Pressure

Pipe Mtrl Type: Bare or Galvanized Steel

Pipe const Type: Single Walled

EMAP:

Name: PARCEL NO. 306-13-176D Address: 706 N HIGHWAY 77 **EDR ID Number**

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

PARCEL NO. 306-13-176D (Continued)

U003153825

City, State, Zip: MAMMOTH, AZ 85618

ID Number: 29500 Township: 88 Range: 17E Section: 18

Quarter 1: Not reported Quarter 2: Not reported Quarter 3: Not reported Latitude: 32.730715 Longitude: -110.647658

LOCATED FROM COUNTY PARCEL INFORMATION Collection Method:

GROCERY STORE/CONVENIENCE STORE Place Type:

Place Type Code: **GROC** PΡ Place C Code: Facility Status: **ACTIVE** End Date: Not reported

Verified:

ENF:

Facility ID: 29500

Facility Name: PARCEL NO. 306-13-176D Address: 706 N HIGHWAY 77 City, State, Zip: MAMMOTH, AZ 85618

124604 Case ID:

Facility Type: GROCERY STORE/CONVENIENCE STORE

Notice Type: Not reported Notice Issue Date: 04/19/2011 Order Type: Not reported Order Issue Date: Not reported 01/18/2012 Closed Date: Faciltiy Status: Case Closed

Env Program: UNDERGROUND STORAGE TANK PROGRAM

Notice Type Code: Not reported

29500 Facility ID:

Facility Name: PARCEL NO. 306-13-176D Address: 706 N HIGHWAY 77 City, State, Zip: MAMMOTH, AZ 85618

Case ID: 133080

Facility Type: GROCERY STORE/CONVENIENCE STORE

Not reported Notice Type: Notice Issue Date: 09/26/2012 Order Type: Not reported Order Issue Date: Not reported Closed Date: 10/19/2012 Faciltiy Status: Case Closed

ARIZ POLLUTANT DISCHARGE ELIMINATION SYSTEM Env Program:

Notice Type Code: Not reported

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

20 PINAL APN #306-13-203 LUST U004189644 WNW 713 N HIGHWAY 77 UST N/A

MAMMOTH, AZ 85618 EMAP

1/4-1/2 0.348 mi. 1840 ft.

 Actual:
 LUST:

 2374 ft.
 Name:
 PINAL APN #306-13-203

 Focus Map:
 Address:
 713 N HIGHWAY 77

Gity,State,Zip: MAMMOTH, AZ 85618
Facility ID: 0-010432

Lust Number: 5575.01
Facility Status: CLOSED
Leak Priority: 5R1

Priority Description: Closed soil levels meet RBCA Tier 1

Notification: 03/08/12 Date Closed: 08/21/12

UST:

 Name:
 PINAL APN #306-13-203

 Address:
 713 N HIGHWAY 77

 City,State,Zip:
 MAMMOTH, AZ 85618

 Facility ID:
 0-010432

 Owner:
 None

 Latitude:
 32.732101

 Longitude:
 110.647452

Tank ID: 1

Date Closed: 01/18/2012
Tank Status: Perm Closure
Closure Type: Removal
Tank Inst Date: Not reported
Capacity: 1000
Substance: Gasoline

Compartment: COMPARTMENT A
Tank Const Type: Not reported

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: Not reported
Pipe Mtrl Type: Not reported
Pipe const Type: Not reported

Tank ID: 2

Date Closed: 01/18/2012
Tank Status: Perm Closure
Closure Type: Removal
Tank Inst Date: Not reported
Capacity: 1000
Substance: Gasoline

Compartment: COMPARTMENT A Tank Const Type: Not reported

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: Not reported
Pipe Mtrl Type: Not reported
Pipe const Type: Not reported

Tank ID: 3

Date Closed: 01/18/2012
Tank Status: Perm Closure
Closure Type: Removal

Direction Distance

Elevation Site Database(s) EPA ID Number

PINAL APN #306-13-203 (Continued)

U004189644

EDR ID Number

Tank Inst Date: Not reported Capacity: 1000 Substance: Gasoline

Compartment: COMPARTMENT A Tank Const Type: Not reported

Tank Mtrl Type: Asphalt coated or Bare Steel

Pipe Type: Not reported
Pipe Mtrl Type: Not reported
Pipe const Type: Not reported

EMAP:

 Name:
 PINAL APN #306-13-203

 Address:
 713 N HIGHWAY 77

 City,State,Zip:
 MAMMOTH, AZ 85618

ID Number: 142423 Township: Not reported Range: Not reported Section: Not reported Quarter 1: Not reported Quarter 2: Not reported Quarter 3: Not reported Latitude: 32.732092 Longitude: -110.647478

Collection Method: LOCATED FROM COUNTY PARCEL INFORMATION

Place Type: GAS FILLING STATION - COMMERCIAL

Place Type Code: GS
Place C Code: PP
Facility Status: ACTIVE
End Date: Not reported

Verified: Y

Count: 8 records ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
COPPER CREEK	S110124323	COPPER CREEK DEVELOPMENT ROCK DISPOSAL FACILITY	LOCATED ADJACENT TO SALOON GULCH IN A SMALL, UNNAMED TRIBUTARY APPX 1/2 MILE ABOVE CONFLUENCE OF SALOON GULCH AND COPPER CREEK	85631	WWFAC
MAMMOTH	94240930		INTER SECTION OF RIVER	85618	ERNS
MAMMOTH	U004308331	PARCEL 30614011B	341 N HIGHWAY 77	85618	UST
MAMMOTH	1007443830	MAMMOTH LANDFILL	0.9 MI N OF SAN PEDRO BRIDGE ON E SIDE OF AZ-77		ODI
MAMMOTH	S106202795	UNKNOWN	S OF RIVER, W OF HWY.		SPILLS
MAMMOTH	1012156546	CIRCLE K #2700853	307 N HIGHWAY 77	85618	FINDS
PINAL COUNTY	S106196794	UNKNOWN	I-10 & GILA RIVER		SPILLS
PINAL COUNTY	S112365924	UNKNOWN	I-10 & GILA RIVER		SPILLS 90

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 04/27/2020 Source: EPA
Date Data Arrived at EDR: 05/06/2020 Telephone: N/A

Date Made Active in Reports: 05/28/2020 Last EDR Contact: 06/03/2020

Number of Days to Update: 22 Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 04/27/2020 Source: EPA
Date Data Arrived at EDR: 05/06/2020 Telephone: N/A

Date Made Active in Reports: 05/28/2020 Last EDR Contact: 06/03/2020 Number of Days to Update: 22 Next Scheduled EDR Contact:

Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA

Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 04/27/2020 Date Data Arrived at EDR: 05/06/2020 Date Made Active in Reports: 05/28/2020

Number of Days to Update: 22

Source: EPA Telephone: N/A

Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 07/13/2020 Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 04/03/2019 Date Data Arrived at EDR: 04/05/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 39

Source: Environmental Protection Agency Telephone: 703-603-8704

Last EDR Contact: 04/03/2020

Next Scheduled EDR Contact: 07/13/2020 Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2020 Date Data Arrived at EDR: 05/06/2020 Date Made Active in Reports: 05/28/2020

Number of Days to Update: 22

Source: EPA Telephone: 800-424-9346 Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 07/27/2020 Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2020 Date Data Arrived at EDR: 05/06/2020 Date Made Active in Reports: 05/28/2020

Number of Days to Update: 22

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 07/27/2020 Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/23/2020 Date Data Arrived at EDR: 03/25/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 57

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 03/25/2020

Next Scheduled EDR Contact: 07/06/2020 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/23/2020 Date Data Arrived at EDR: 03/25/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/25/2020

Next Scheduled EDR Contact: 07/06/2020 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/23/2020 Date Data Arrived at EDR: 03/25/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 57

Source: Environmental Protection Agency Telephone: (415) 495-8895

Last EDR Contact: 03/25/2020

Next Scheduled EDR Contact: 07/06/2020 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/23/2020 Date Data Arrived at EDR: 03/25/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/25/2020

Next Scheduled EDR Contact: 07/06/2020 Data Release Frequency: Quarterly

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

Date of Government Version: 03/23/2020 Date Data Arrived at EDR: 03/25/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/25/2020

Next Scheduled EDR Contact: 07/06/2020 Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 11/04/2019 Date Data Arrived at EDR: 11/13/2019 Date Made Active in Reports: 01/28/2020

Number of Days to Update: 76

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/14/2020

Next Scheduled EDR Contact: 08/24/2020 Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 02/13/2020 Date Data Arrived at EDR: 02/20/2020 Date Made Active in Reports: 05/15/2020

Number of Days to Update: 85

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 05/15/2020

Next Scheduled EDR Contact: 09/07/2020 Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 02/13/2020 Date Data Arrived at EDR: 02/20/2020 Date Made Active in Reports: 05/15/2020

Number of Days to Update: 85

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 05/15/2020

Next Scheduled EDR Contact: 09/07/2020

Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

substances.

Date of Government Version: 12/16/2019 Date Data Arrived at EDR: 12/19/2019 Date Made Active in Reports: 03/06/2020

Number of Days to Update: 78

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 03/24/2020

Next Scheduled EDR Contact: 07/06/2020 Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

AZ NPL: NPL Detail Listing

Detailed site information for NPL sites from the Arizona Department of Environmental Quality.

Date of Government Version: 09/30/2019 Date Data Arrived at EDR: 11/20/2019 Date Made Active in Reports: 01/23/2020

Number of Days to Update: 64

Source: Department of Environmental Quality

Telephone: 602-771-4609 Last EDR Contact: 05/14/2020

Next Scheduled EDR Contact: 08/31/2020 Data Release Frequency: Varies

WQARF: Water Quality Assurance Revolving Fund Sites

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

Date of Government Version: 09/30/2019 Date Data Arrived at EDR: 11/20/2019 Date Made Active in Reports: 01/23/2020

Number of Days to Update: 64

Source: Department of Environmental Quality

Telephone: 602-771-4360 Last EDR Contact: 05/14/2020

Next Scheduled EDR Contact: 08/31/2020 Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SPL: Superfund Program List

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

Date of Government Version: 08/25/2004 Date Data Arrived at EDR: 04/04/2018 Date Made Active in Reports: 05/17/2018

Number of Days to Update: 43

Source: Department of Environmental Quality

Telephone: 602-771-4360 Last EDR Contact: 04/16/2020

Next Scheduled EDR Contact: 08/10/2020 Data Release Frequency: No Update Planned

SHWS: ZipAcids List

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

Date of Government Version: 01/03/2000 Date Data Arrived at EDR: 04/11/2000 Date Made Active in Reports: 05/16/2000

Number of Days to Update: 35

Source: Department of Environmental Quality

Telephone: 602-771-4360 Last EDR Contact: 06/10/2020

Next Scheduled EDR Contact: 09/28/2020 Data Release Frequency: No Update Planned

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

SWF/LF: Directory of Solid Waste Facilities

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

Date of Government Version: 12/31/2019 Date Data Arrived at EDR: 02/11/2020 Date Made Active in Reports: 04/29/2020

Number of Days to Update: 78

Source: Department of Environmental Quality

Telephone: 602-771-2300 Last EDR Contact: 04/06/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Varies

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Listing

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

Date of Government Version: 01/16/2020 Date Data Arrived at EDR: 01/22/2020 Date Made Active in Reports: 03/10/2020

Number of Days to Update: 48

Source: Department of Environmental Quality

Telephone: 602-771-4345

Last EDR Contact: 04/10/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Semi-Annually

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

Date of Government Version: 10/01/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/02/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/01/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/15/2019 Date Data Arrived at EDR: 12/17/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 55

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/11/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

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

Date of Government Version: 10/10/2019 Date Data Arrived at EDR: 12/05/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 67

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/03/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/14/2020

Number of Days to Update: 72

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 05/20/2020

Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/04/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/27/2020

Number of Days to Update: 85

Source: Environmental Protection Agency Telephone: 415-972-3372

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020 Date Data Arrived at EDR: 03/19/2020 Date Made Active in Reports: 06/09/2020

Number of Days to Update: 82

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 03/19/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Varies

UST: Underground Storage Tank Listing

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

Date of Government Version: 01/16/2020 Date Data Arrived at EDR: 01/22/2020 Date Made Active in Reports: 03/10/2020

Number of Days to Update: 48

Source: Department of Environmental Quality

Telephone: 602-771-4345 Last EDR Contact: 04/10/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Annually

AST: List of Aboveground Storage Tanks

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

Date of Government Version: 12/05/2019 Date Data Arrived at EDR: 12/06/2019 Date Made Active in Reports: 01/31/2020

Number of Days to Update: 56

Source: Department of Building & Fire Safety

Telephone: 602-364-1003 Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 09/21/2020 Data Release Frequency: No Update Planned

AST 2: Aboveground Storage Tank Listing

A listing of aboveground storage tank site locations.

Date of Government Version: 12/05/2019 Date Data Arrived at EDR: 01/15/2020 Date Made Active in Reports: 03/10/2020

Number of Days to Update: 55

Source: Department of Environmental Quality

Telephone: 602-771-4380 Last EDR Contact: 06/08/2020

Next Scheduled EDR Contact: 09/21/2020 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/10/2019 Date Data Arrived at EDR: 12/05/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 67

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/04/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/27/2020

Number of Days to Update: 85

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/11/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/03/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/14/2020

Number of Days to Update: 72

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/11/2019 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 68

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 05/20/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AZURITE: Remediation and DEUR/VEMUR Tracking System

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

Date of Government Version: 11/19/2018 Date Data Arrived at EDR: 11/19/2018 Date Made Active in Reports: 11/30/2018

Number of Days to Update: 11

Source: Department of Environmental Quality

Telephone: 602-771-4397 Last EDR Contact: 06/10/2020

Next Scheduled EDR Contact: 09/28/2020 Data Release Frequency: Varies

AUL: DEUR Database

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

Date of Government Version: 10/03/2019 Date Data Arrived at EDR: 10/04/2019 Date Made Active in Reports: 12/12/2019

Number of Days to Update: 69

Source: Department of Environmental Quality

Telephone: 602-771-4397 Last EDR Contact: 06/10/2020

Next Scheduled EDR Contact: 09/28/2020 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015 Date Data Arrived at EDR: 09/29/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 142

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 06/17/2020

Next Scheduled EDR Contact: 10/05/2020 Data Release Frequency: Varies

VCP: Voluntary Remediation Program Sites
Sites involved in the Voluntary Remediation Program.

Date of Government Version: 09/01/2019 Date Data Arrived at EDR: 03/31/2020

Date Made Active in Reports: 06/09/2020

Number of Days to Update: 70

Source: Department of Environmental Quality

Telephone: 602-771-4411 Last EDR Contact: 03/30/2020

Next Scheduled EDR Contact: 07/13/2020

Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Tracking System

Information relating to Brownfields sites in Arizona.

Date of Government Version: 09/01/2019 Date Data Arrived at EDR: 03/31/2020 Date Made Active in Reports: 06/09/2020

Number of Days to Update: 70

Source: Department of Environmental Quality

Telephone: 602-771-4401 Last EDR Contact: 03/30/2020

Next Scheduled EDR Contact: 07/13/2020

Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 06/01/2020 Date Data Arrived at EDR: 06/02/2020 Date Made Active in Reports: 06/09/2020

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 06/02/2020

Next Scheduled EDR Contact: 09/28/2020 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Solid Waste Tire Facilities

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

Date of Government Version: 03/20/2020 Date Data Arrived at EDR: 03/24/2020 Date Made Active in Reports: 06/09/2020

Number of Days to Update: 77

Source: Department of Environmental Quality

Telephone: 602-771-4132 Last EDR Contact: 05/18/2020

Next Scheduled EDR Contact: 09/07/2020

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

Location of open dumps on Indian land.

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

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 04/16/2020

Next Scheduled EDR Contact: 08/10/2020 Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside

County and northern Imperial County, California.

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

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 04/09/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

Subtitle D Criteria.

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

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 08/06/2014 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service

Telephone: 301-443-1452 Last EDR Contact: 05/01/2020

Next Scheduled EDR Contact: 08/10/2020

Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020 Date Data Arrived at EDR: 03/19/2020 Date Made Active in Reports: 06/09/2020

Number of Days to Update: 82

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/18/2020

Next Scheduled EDR Contact: 09/07/2020 Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab seizures in Arizona.

Date of Government Version: 10/28/2019 Date Data Arrived at EDR: 10/30/2019 Date Made Active in Reports: 12/12/2019

Number of Days to Update: 43

Source: Board of Technical Registration

Telephone: 602-364-4931 Last EDR Contact: 06/17/2020

Next Scheduled EDR Contact: 10/05/2020

US CDL: Clandestine Drug Labs

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

Date of Government Version: 03/18/2020 Date Data Arrived at EDR: 03/19/2020 Date Made Active in Reports: 06/09/2020

Number of Days to Update: 82

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/18/2020

Next Scheduled EDR Contact: 09/07/2020 Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Listing

Arizona?s Public Water System Screening for Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonate (PFOS) Final Report. The purpose of the grant was to screen Public Water System (PWS) drinking water wells in Arizona potentially impacted by perfluorooctanoic acid (PFOA) and/or perfluorooctane sulfonate (PFOS) contamination.

Date of Government Version: 11/01/2018 Date Data Arrived at EDR: 02/07/2020 Date Made Active in Reports: 04/22/2020

Number of Days to Update: 75

Source: Department of Environmental Quality

Telephone: 602-364-3118 Last EDR Contact: 05/08/2020

Next Scheduled EDR Contact: 08/17/2020

Data Release Frequency: Varies

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 04/27/2020 Date Data Arrived at EDR: 05/06/2020 Date Made Active in Reports: 05/28/2020

Number of Days to Update: 22

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 07/13/2020 Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/05/2019 Date Data Arrived at EDR: 12/06/2019 Date Made Active in Reports: 02/14/2020

Number of Days to Update: 70

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 03/24/2020

Next Scheduled EDR Contact: 07/06/2020 Data Release Frequency: Quarterly

SPILLS: Hazardous Material Logbook

Chemical spills and incidents referred to the Emergency Response Unit.

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

Number of Days to Update: 26

Source: Department of Environmental Quality

Telephone: 602-771-4153 Last EDR Contact: 05/15/2020

Next Scheduled EDR Contact: 09/07/2020 Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/11/2001 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/11/2013

Number of Days to Update: 39

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 03/23/2020 Date Data Arrived at EDR: 03/25/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 57

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/25/2020

Next Scheduled EDR Contact: 07/06/2020 Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/28/2020 Date Data Arrived at EDR: 02/19/2020 Date Made Active in Reports: 05/14/2020

Number of Days to Update: 85

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 05/18/2020

Next Scheduled EDR Contact: 08/31/2020 Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 04/10/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018 Date Data Arrived at EDR: 04/11/2018 Date Made Active in Reports: 11/06/2019

Number of Days to Update: 574

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/06/2020

Next Scheduled EDR Contact: 07/20/2020

Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017 Date Data Arrived at EDR: 02/03/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 05/15/2020

Next Scheduled EDR Contact: 08/24/2020 Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 12/16/2019 Date Data Arrived at EDR: 12/19/2019 Date Made Active in Reports: 02/27/2020

Number of Days to Update: 70

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 03/24/2020

Next Scheduled EDR Contact: 07/06/2020 Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 05/04/2020

Next Scheduled EDR Contact: 08/17/2020 Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 05/08/2020

Next Scheduled EDR Contact: 08/17/2020 Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 06/21/2017 Date Made Active in Reports: 01/05/2018

Number of Days to Update: 198

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 06/17/2020

Next Scheduled EDR Contact: 09/28/2020 Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 02/05/2020 Date Made Active in Reports: 04/24/2020

Number of Days to Update: 79

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 05/21/2020

Next Scheduled EDR Contact: 08/31/2020 Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 05/01/2019 Date Data Arrived at EDR: 10/23/2019 Date Made Active in Reports: 01/15/2020

Number of Days to Update: 84

Source: EPA Telephone: 202-564-4203

Last EDR Contact: 04/21/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 04/27/2020 Date Data Arrived at EDR: 05/06/2020 Date Made Active in Reports: 05/28/2020

Number of Days to Update: 22

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 09/14/2020 Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/05/2019 Date Data Arrived at EDR: 11/20/2019 Date Made Active in Reports: 04/17/2020

Number of Days to Update: 149

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/15/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020 Date Data Arrived at EDR: 05/06/2020 Date Made Active in Reports: 06/09/2020

Number of Days to Update: 34

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 08/17/2020 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 10/09/2019 Date Data Arrived at EDR: 10/11/2019 Date Made Active in Reports: 12/20/2019

Number of Days to Update: 70

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/10/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 03/26/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: No Update Planned

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

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

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

Date of Government Version: 10/25/2019 Date Data Arrived at EDR: 10/25/2019 Date Made Active in Reports: 01/15/2020

Number of Days to Update: 82

Source: Nuclear Regulatory Commission Telephone: 301-415-7169

Last EDR Contact: 04/10/2020

Next Scheduled EDR Contact: 08/03/2020 Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 12/04/2019 Date Made Active in Reports: 01/15/2020

Number of Days to Update: 42

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 06/05/2020

Next Scheduled EDR Contact: 09/14/2020 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 01/12/2017 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 11/11/2019

Number of Days to Update: 251

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 06/01/2020

Next Scheduled EDR Contact: 09/14/2020 Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 09/13/2019 Date Data Arrived at EDR: 11/06/2019 Date Made Active in Reports: 02/10/2020

Number of Days to Update: 96

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 05/08/2020

Next Scheduled EDR Contact: 08/17/2020

Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 07/01/2019 Date Data Arrived at EDR: 07/01/2019 Date Made Active in Reports: 09/23/2019

Number of Days to Update: 84

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 07/01/2019

Next Scheduled EDR Contact: 07/13/2020 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008

Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020 Date Data Arrived at EDR: 01/28/2020 Date Made Active in Reports: 04/17/2020

Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 04/28/2020

Next Scheduled EDR Contact: 08/10/2020 Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2019 Date Data Arrived at EDR: 01/17/2020 Date Made Active in Reports: 03/06/2020

Number of Days to Update: 49

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 03/26/2020

Next Scheduled EDR Contact: 07/20/2020

Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2015 Date Data Arrived at EDR: 02/22/2017 Date Made Active in Reports: 09/28/2017

Number of Days to Update: 218

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 03/25/2020

Next Scheduled EDR Contact: 07/06/2020 Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 07/14/2015 Date Made Active in Reports: 01/10/2017

Number of Days to Update: 546

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 04/10/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017 Date Data Arrived at EDR: 09/11/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 3

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 04/29/2020

Next Scheduled EDR Contact: 08/17/2020 Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 08/30/2019 Date Data Arrived at EDR: 11/15/2019 Date Made Active in Reports: 01/28/2020

Number of Days to Update: 74

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 05/18/2020

Next Scheduled EDR Contact: 08/31/2020 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2020 Date Data Arrived at EDR: 05/06/2020 Date Made Active in Reports: 05/28/2020

Number of Days to Update: 22

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 07/13/2020 Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites

may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

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

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

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/31/2020 Date Data Arrived at EDR: 04/01/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 50

Source: DOL, Mine Safety & Health Admi

Telephone: 202-693-9424 Last EDR Contact: 05/27/2020

Next Scheduled EDR Contact: 09/14/2020 Data Release Frequency: Quarterly

US MINES: Mines Master Index File

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

Date of Government Version: 02/11/2020 Date Data Arrived at EDR: 02/25/2020 Date Made Active in Reports: 05/21/2020

Number of Days to Update: 86

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 05/21/2020

Next Scheduled EDR Contact: 09/07/2020 Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/16/2018 Date Data Arrived at EDR: 02/28/2020 Date Made Active in Reports: 05/22/2020

Number of Days to Update: 84

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 05/27/2020

Next Scheduled EDR Contact: 09/07/2020 Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011 Date Data Arrived at EDR: 06/08/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 97

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 05/21/2020

Next Scheduled EDR Contact: 09/07/2020

Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/05/2020 Date Data Arrived at EDR: 03/06/2020 Date Made Active in Reports: 05/29/2020

Number of Days to Update: 84

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 06/03/2020

Next Scheduled EDR Contact: 09/21/2020 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 02/03/2020 Date Data Arrived at EDR: 03/03/2020 Date Made Active in Reports: 05/28/2020

Number of Days to Update: 86

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 06/02/2020

Next Scheduled EDR Contact: 09/14/2020 Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 01/17/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 74

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 04/03/2020

Next Scheduled EDR Contact: 07/27/2020

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 07/26/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 71

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 05/18/2020

Next Scheduled EDR Contact: 09/07/2020 Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/05/2020 Date Data Arrived at EDR: 01/07/2020 Date Made Active in Reports: 03/06/2020

Number of Days to Update: 59

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 04/07/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels

Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/18/2020 Date Data Arrived at EDR: 02/19/2020 Date Made Active in Reports: 05/14/2020

Number of Days to Update: 85

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 05/19/2020

Next Scheduled EDR Contact: 08/31/2020 Data Release Frequency: Quarterly

AIRS: Arizona Airs Database

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

Date of Government Version: 01/13/2020 Date Data Arrived at EDR: 01/15/2020 Date Made Active in Reports: 03/10/2020

Number of Days to Update: 55

Source: Department of Environmental Quality

Telephone: 602-771-2344 Last EDR Contact: 03/20/2020

Next Scheduled EDR Contact: 07/13/2020 Data Release Frequency: Semi-Annually

AQUIFER: Waste Water Treatment Facilities

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

Date of Government Version: 03/02/2020 Date Data Arrived at EDR: 03/04/2020 Date Made Active in Reports: 03/10/2020

Number of Days to Update: 6

Source: Department of Environmental Quality

Telephone: 602-771-4623 Last EDR Contact: 04/29/2020

Next Scheduled EDR Contact: 08/24/2020 Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

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

Date of Government Version: 09/30/2019 Date Data Arrived at EDR: 11/20/2019 Date Made Active in Reports: 01/23/2020

Number of Days to Update: 64

Source: Department of Environmental Quality

Telephone: 602-771-4360 Last EDR Contact: 05/14/2020

Next Scheduled EDR Contact: 08/31/2020 Data Release Frequency: Annually

DRY WELLS: Drywell Registration

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

Date of Government Version: 06/10/2019 Date Data Arrived at EDR: 06/13/2019 Date Made Active in Reports: 08/20/2019

Number of Days to Update: 68

Telephone: 602-771-4686 Last EDR Contact: 05/14/2020

Next Scheduled EDR Contact: 08/31/2020 Data Release Frequency: Semi-Annually

Source: Department of Environmental Quality

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

Date of Government Version: 04/11/2014 Date Data Arrived at EDR: 04/15/2014 Date Made Active in Reports: 05/12/2014

Number of Days to Update: 27

Source: Department of Environmental Quality

Telephone: 602-771-4335 Last EDR Contact: 06/10/2020

Next Scheduled EDR Contact: 09/28/2020 Data Release Frequency: Varies

EMAP: All Places of Interest Listing

A listing of all places of interest to the Department of Environmental Quality, including air, waste and water

sites.

Date of Government Version: 03/23/2020 Date Data Arrived at EDR: 03/25/2020 Date Made Active in Reports: 06/09/2020

Number of Days to Update: 76

Source: Department of Environmental Quality

Telephone: 602-771-4380 Last EDR Contact: 05/27/2020

Next Scheduled EDR Contact: 09/14/2020

Data Release Frequency: Varies

ENF: Enforcement and Violation Listing

A listing of enforcement and violation cases in the state of Arizona.

Date of Government Version: 02/14/2020 Date Data Arrived at EDR: 02/18/2020 Date Made Active in Reports: 03/10/2020

Number of Days to Update: 21

Source: Department of Environmental Quality

Telephone: 602-771-4424 Last EDR Contact: 04/27/2020

Next Scheduled EDR Contact: 08/10/2020 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for ust sites.

Date of Government Version: 01/17/2020 Date Data Arrived at EDR: 01/22/2020 Date Made Active in Reports: 03/10/2020

Number of Days to Update: 48

Source: Department of Environmental Quality

Telephone: 602-771-4258 Last EDR Contact: 06/02/2020

Next Scheduled EDR Contact: 10/05/2020

Data Release Frequency: Varies

AZ MANIFEST: Manifest Information
Hazardous waste manifest information

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 07/17/2018 Date Made Active in Reports: 09/05/2018

Number of Days to Update: 50

Source: Department of Environmental Quality

Telephone: N/A

Last EDR Contact: 06/10/2020

Next Scheduled EDR Contact: 09/28/2020 Data Release Frequency: Annually

NPDES: Notice of Intent Construction Stormwater General Permits Database

NPDES permit sites

Date of Government Version: 01/31/2020 Date Data Arrived at EDR: 01/31/2020 Date Made Active in Reports: 04/13/2020

Number of Days to Update: 73

Source: Department of Environmental Quality

Telephone: 602-771-4424 Last EDR Contact: 04/06/2020

Next Scheduled EDR Contact: 07/20/2020

VAPOR: Vapor Intrusion

A listing of vapor intrusion site locations

Date of Government Version: 10/17/2019 Date Data Arrived at EDR: 10/22/2019 Date Made Active in Reports: 12/13/2019

Number of Days to Update: 52

Source: Department of Environmental Quality

Telephone: 602-771-4197 Last EDR Contact: 06/10/2020

Next Scheduled EDR Contact: 09/28/2020

Data Release Frequency: Varies

UIC: Underground Injection Control Wells Underground injection control wells.

> Date of Government Version: 09/30/2015 Date Data Arrived at EDR: 02/05/2016 Date Made Active in Reports: 04/05/2016

Number of Days to Update: 60

Source: Arizona Geological Survey Telephone: 520-770-3500 Last EDR Contact: 04/16/2020

Next Scheduled EDR Contact: 08/10/2020

Data Release Frequency: Varies

WWFAC: Waste Water Treatment Facilities

Statewide list of waste water treatment facilities.

Date of Government Version: 07/09/2012 Date Data Arrived at EDR: 07/23/2012 Date Made Active in Reports: 09/06/2012

Number of Days to Update: 45

Source: Department of Environmental Quality

Telephone: 602-771-4623 Last EDR Contact: 04/09/2020

Next Scheduled EDR Contact: 08/03/2020

Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 02/05/2015 Date Made Active in Reports: 03/06/2015

Number of Days to Update: 29

Source: EPA

Telephone: 202-564-2497 Last EDR Contact: 03/26/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014 Date Data Arrived at EDR: 01/06/2015 Date Made Active in Reports: 05/06/2015

Number of Days to Update: 120

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 03/26/2020

Next Scheduled EDR Contact: 07/20/2020 Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES

Date of Government Version: 07/14/2011 Date Data Arrived at EDR: 08/05/2011

Date Made Active in Reports: 09/29/2011 Number of Days to Update: 55 Source: EPA, Office of Water Telephone: 202-564-2496 Last EDR Contact: 06/08/2020

Next Scheduled EDR Contact: 09/21/2020 Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

> Date of Government Version: 04/06/2018 Date Data Arrived at EDR: 10/21/2019 Date Made Active in Reports: 10/24/2019

Number of Days to Update: 3

Source: USGS

Telephone: 703-648-6533 Last EDR Contact: 05/21/2020

Next Scheduled EDR Contact: 09/07/2020

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A Source: EDR, Inc.

Date Data Arrived at EDR: N/A Telephone: N/A

Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Arizona.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/02/2014

Number of Days to Update: 185

Source: Department of Environmental Quality

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available

from the Department of Environmental Quality in Arizona.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/15/2014

Number of Days to Update: 198

Source: Department of Environmental Quality

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists.

Compiled from Records formerly available from the Department of Environmental Quality in Arizona.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/02/2014

Number of Days to Update: 185

Source: Department of Environmental Quality

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 01/30/2020 Date Data Arrived at EDR: 01/30/2020 Date Made Active in Reports: 03/09/2020

Number of Days to Update: 39

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 05/12/2020

Next Scheduled EDR Contact: 08/24/2020 Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019 Date Data Arrived at EDR: 05/01/2019 Date Made Active in Reports: 06/21/2019

Number of Days to Update: 51

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 04/29/2020

Next Scheduled EDR Contact: 08/10/2020 Data Release Frequency: Quarterly

RI MANIFEST: Manifest information Hazardous waste manifest information

Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 10/02/2019 Date Made Active in Reports: 12/10/2019

Number of Days to Update: 69

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 05/14/2020

Next Scheduled EDR Contact: 08/31/2020 Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 06/19/2019 Date Made Active in Reports: 09/03/2019

Number of Days to Update: 76

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/04/2020

Next Scheduled EDR Contact: 09/21/2020 Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Child Care Facilities & Group Homes

Source: Department of Health Services

Telephone: 602-674-4220

Flood Zone Data: This data 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

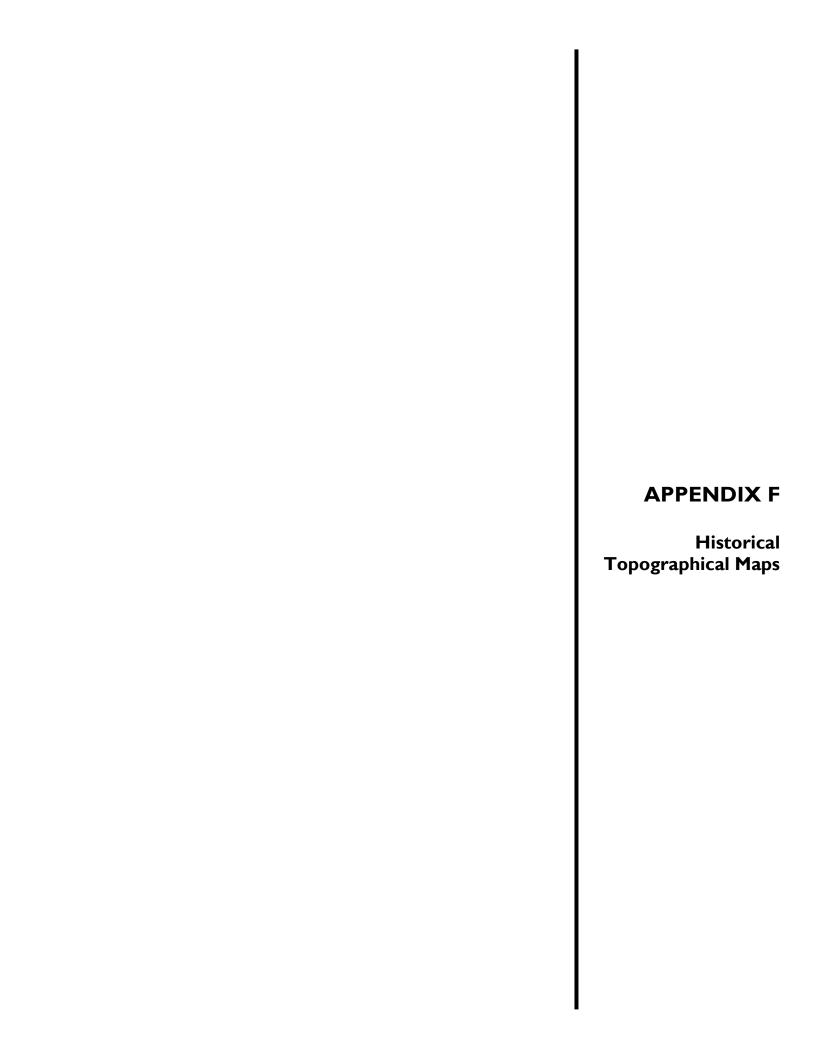
NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

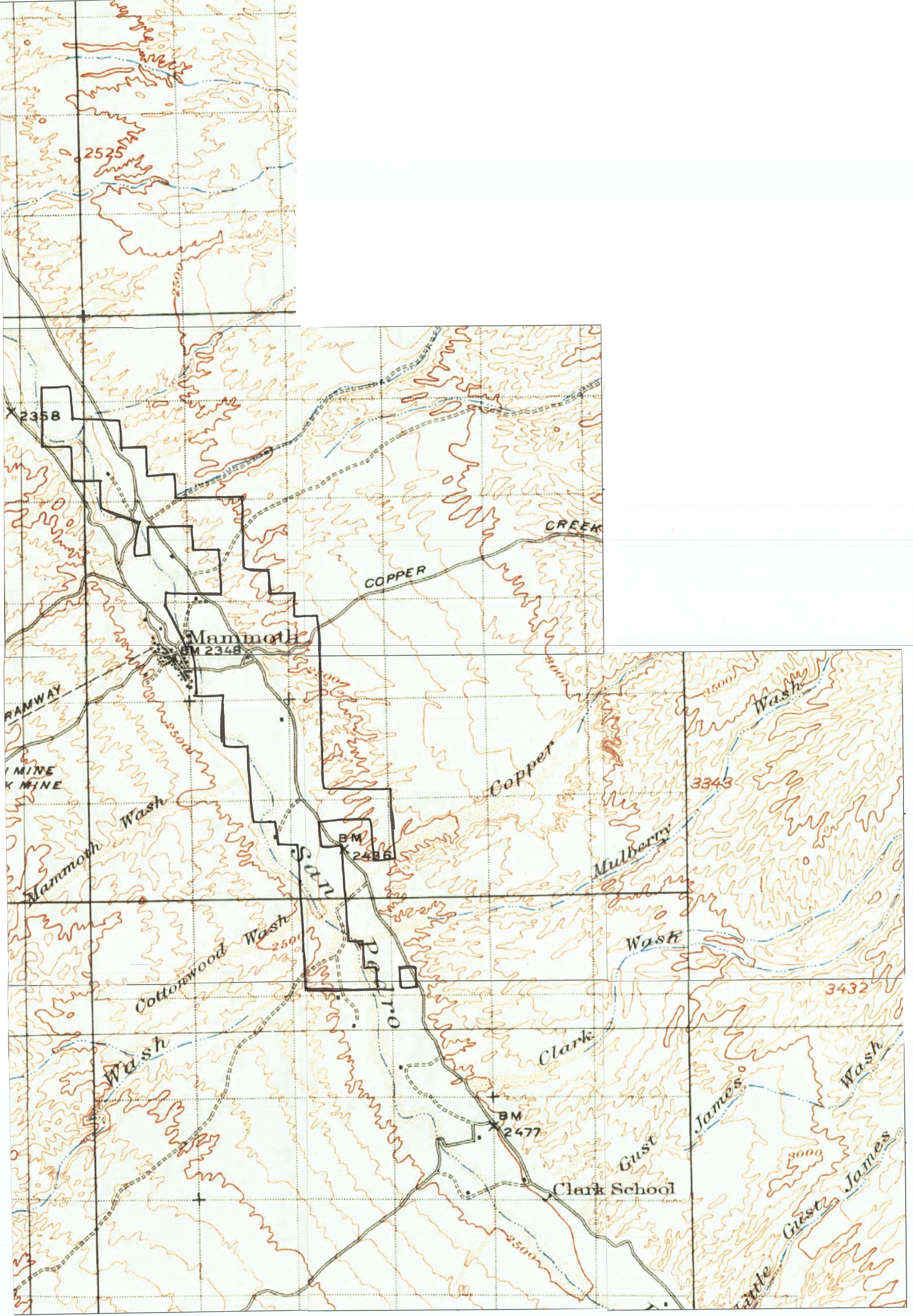
State Wetlands Data: Riparian Vegetation Associated with Perennial Waters

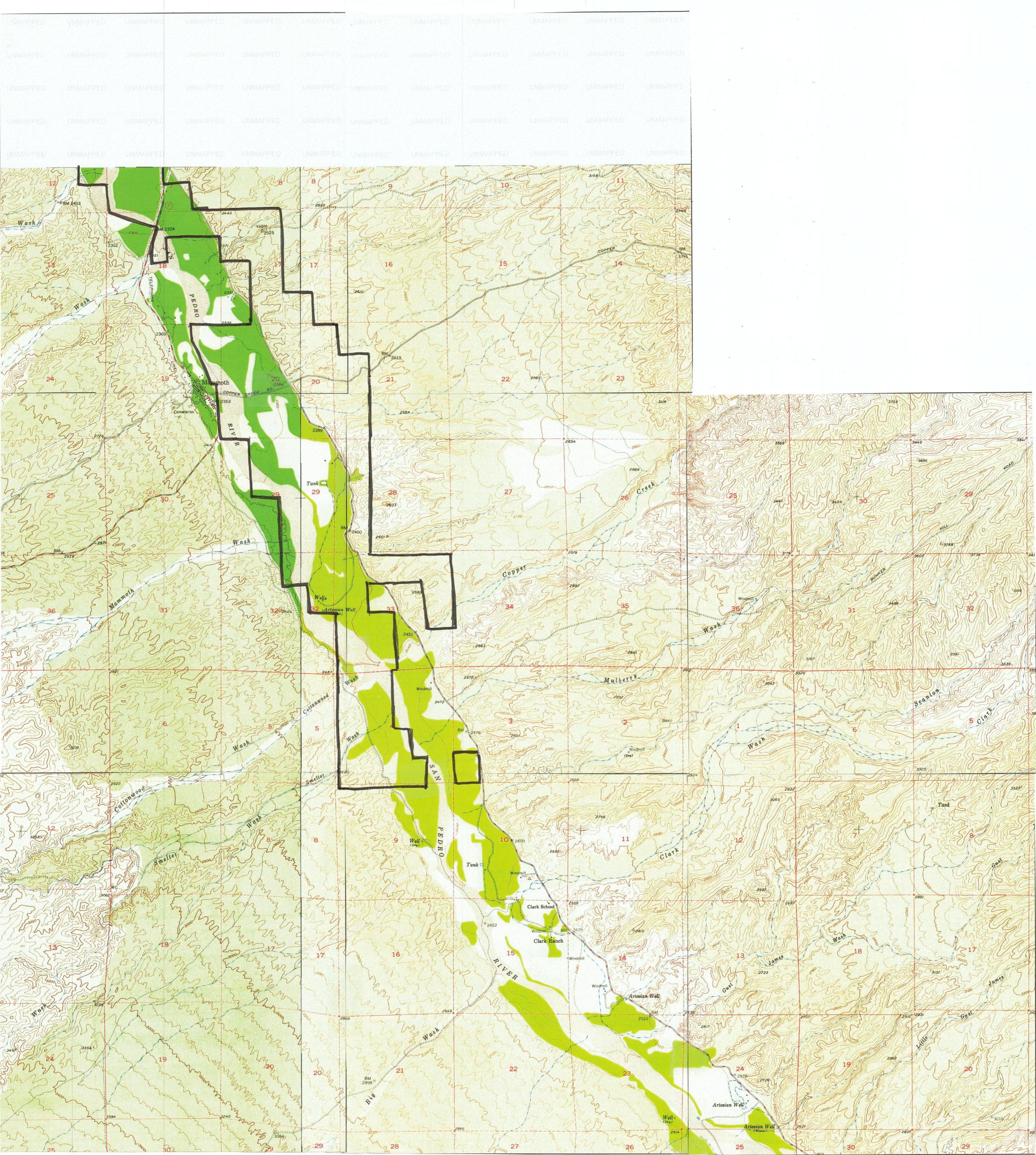
Source: State Land Department Telephone: 602-542-4094

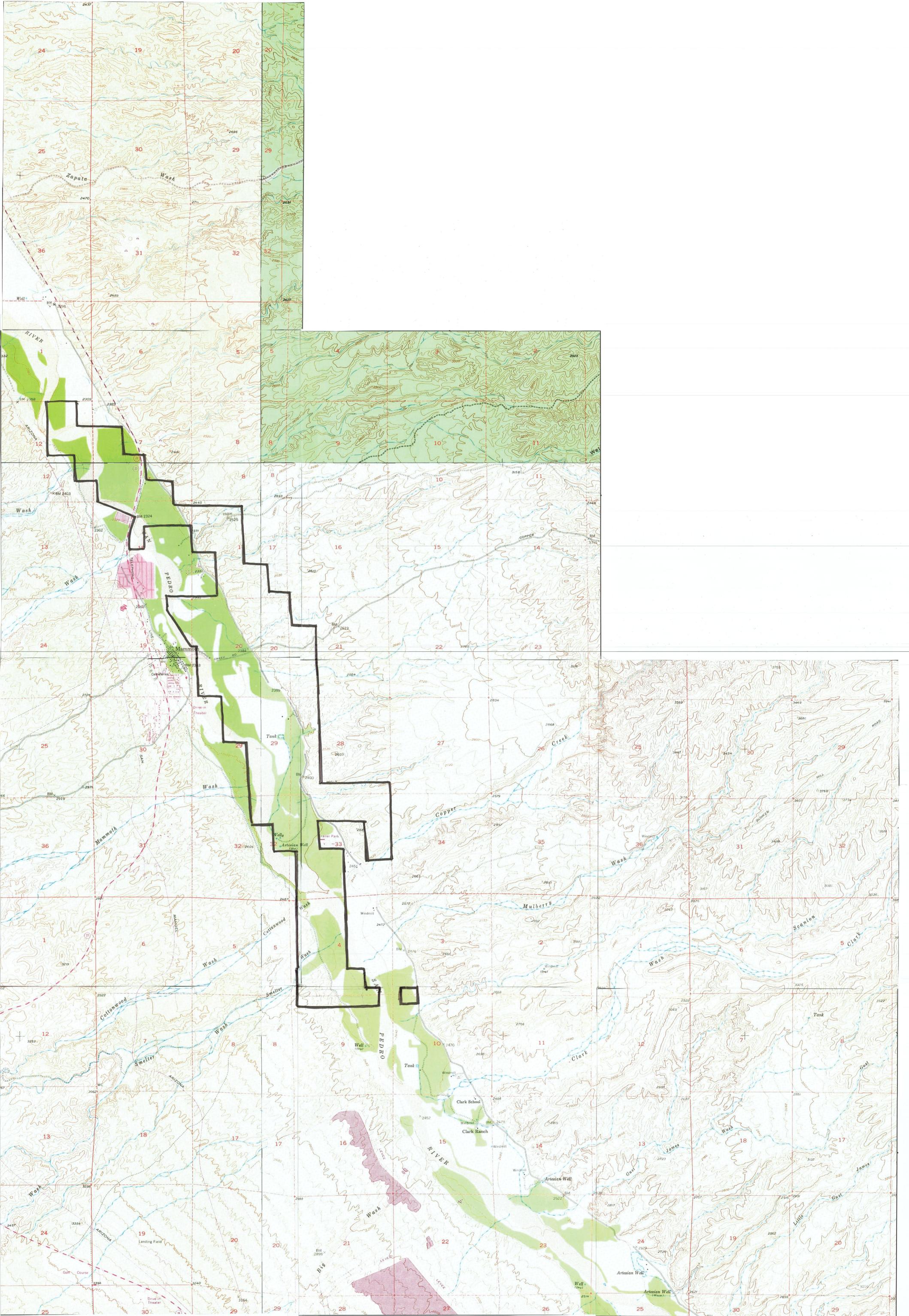
STREET AND ADDRESS INFORMATION

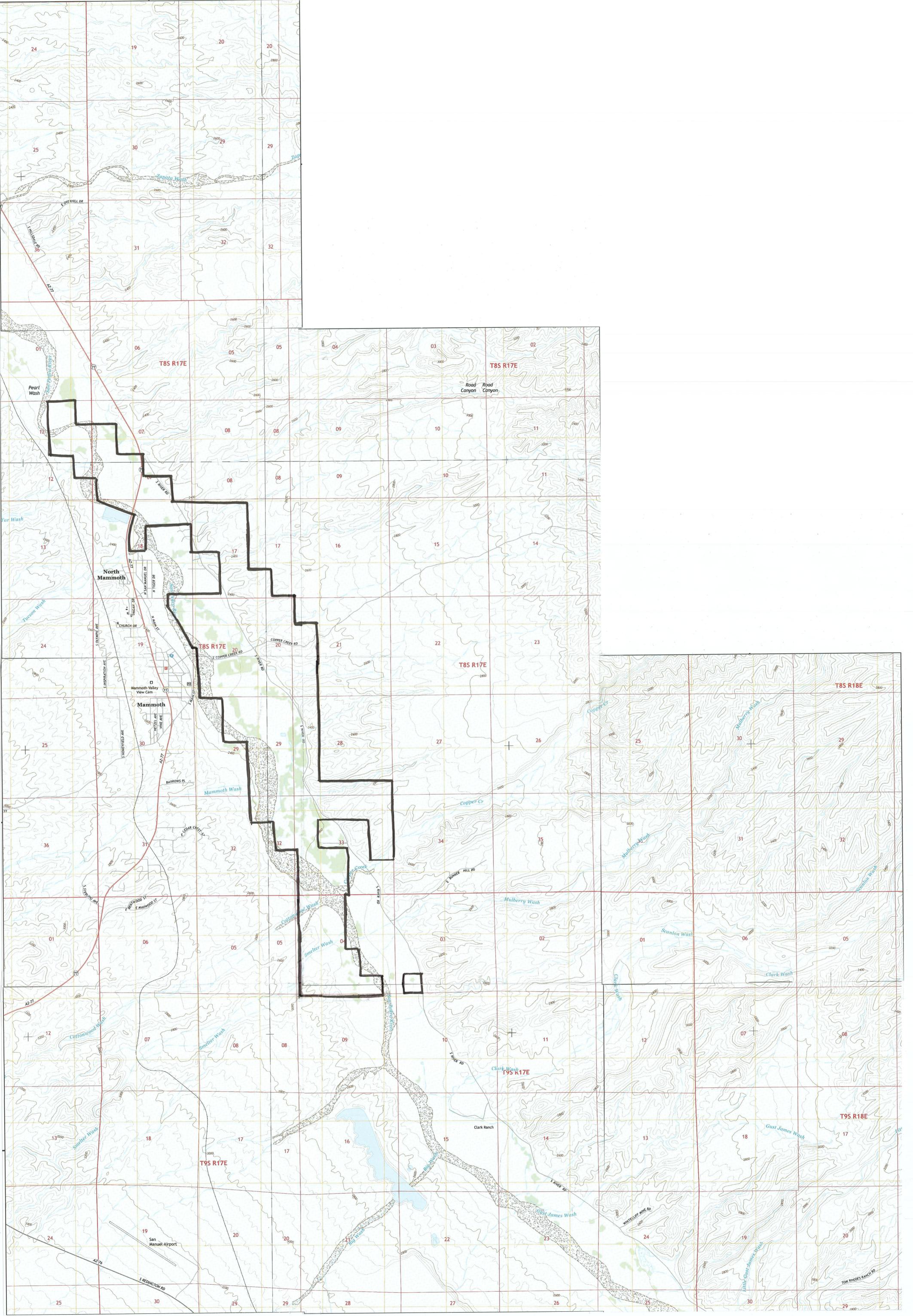
© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

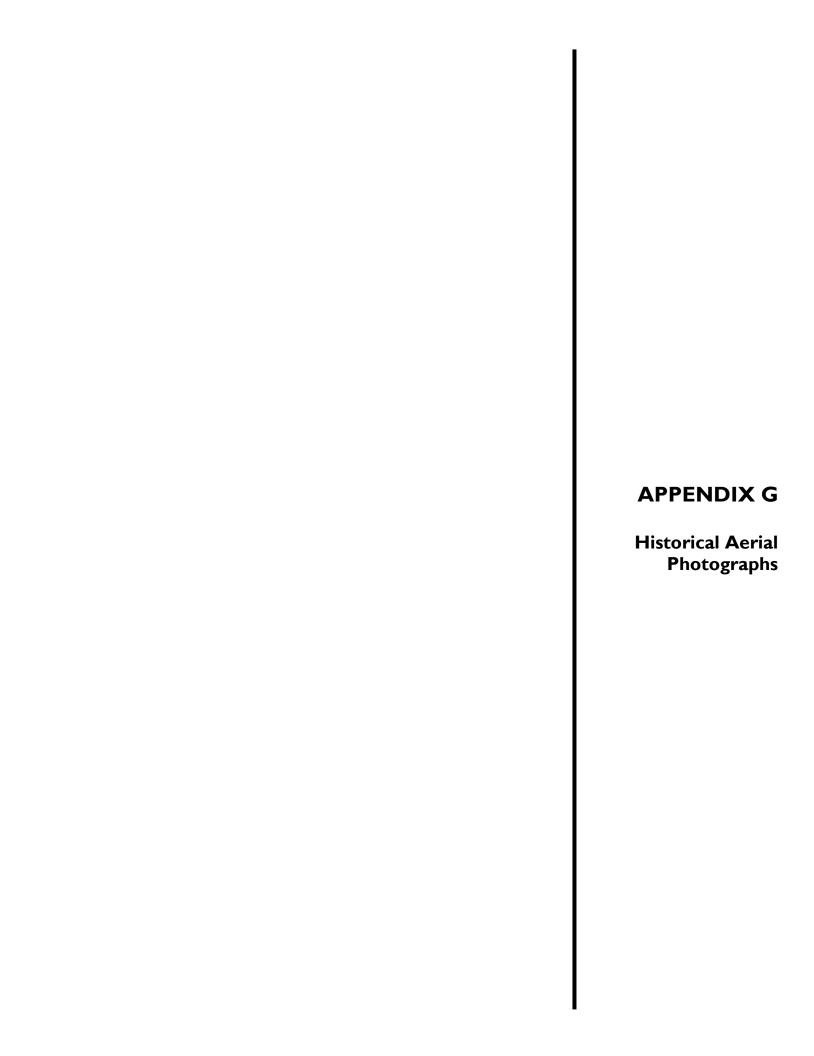


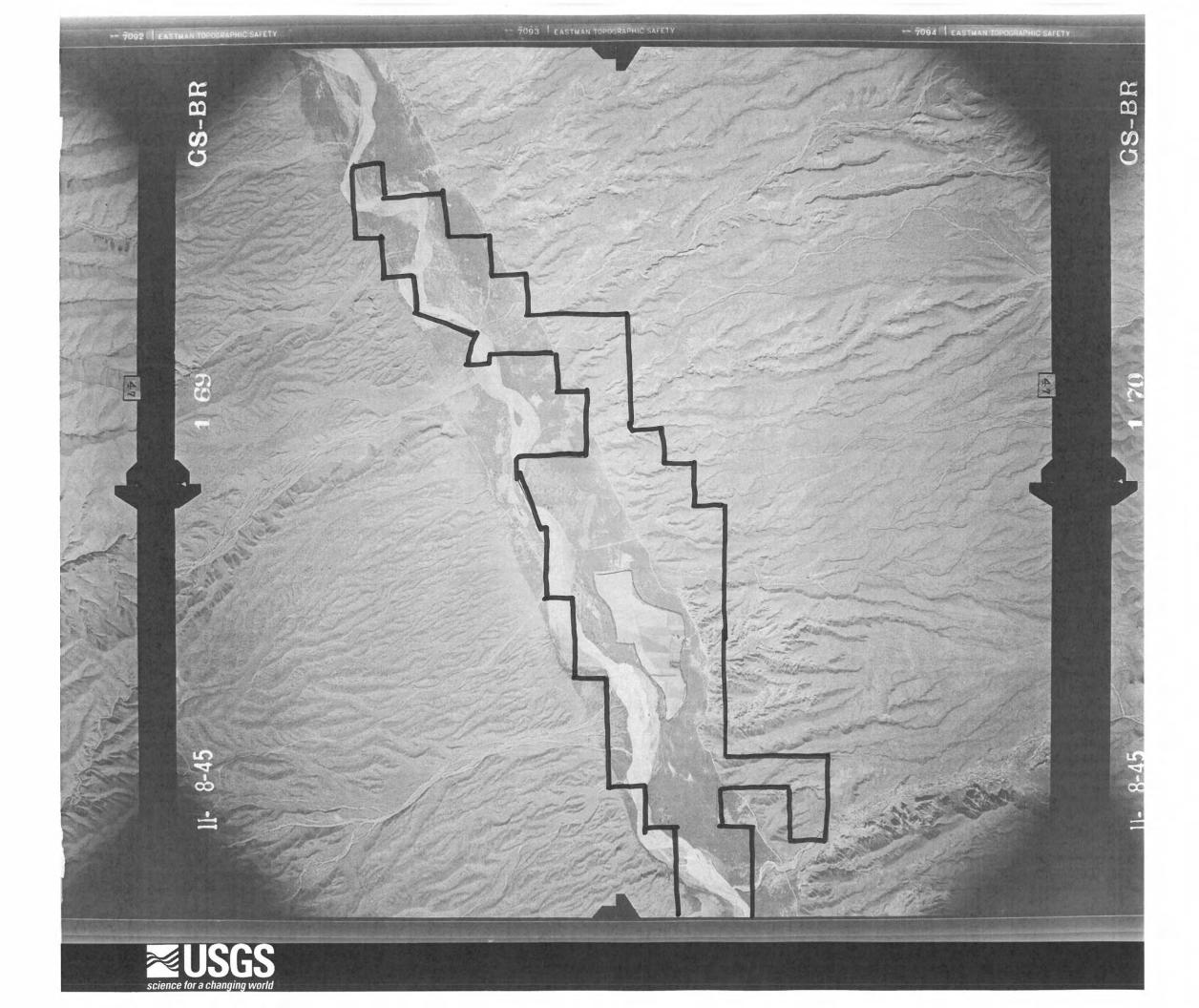














GS-BR

GS-BR

1 79

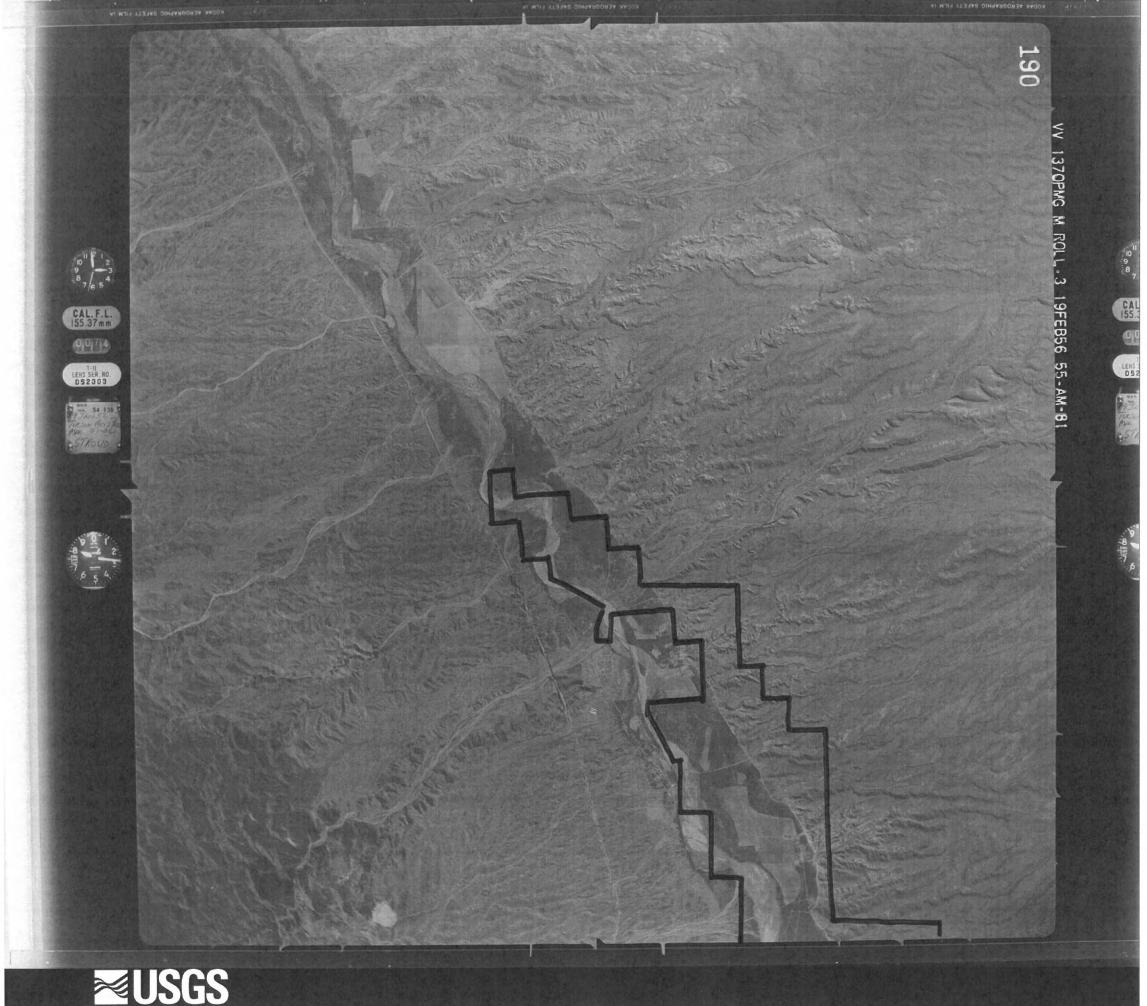
1-8-45

TITAL STANDOGERAPHIC SAFET

TITE | EASTMAN TOPOGRAPHIC SAFETY

TIBLES OFHUANDOROT NAM

11- 8-45



USGSscience for a changing world



PROTO PROSPE

DE ISO FENS SEE' NO

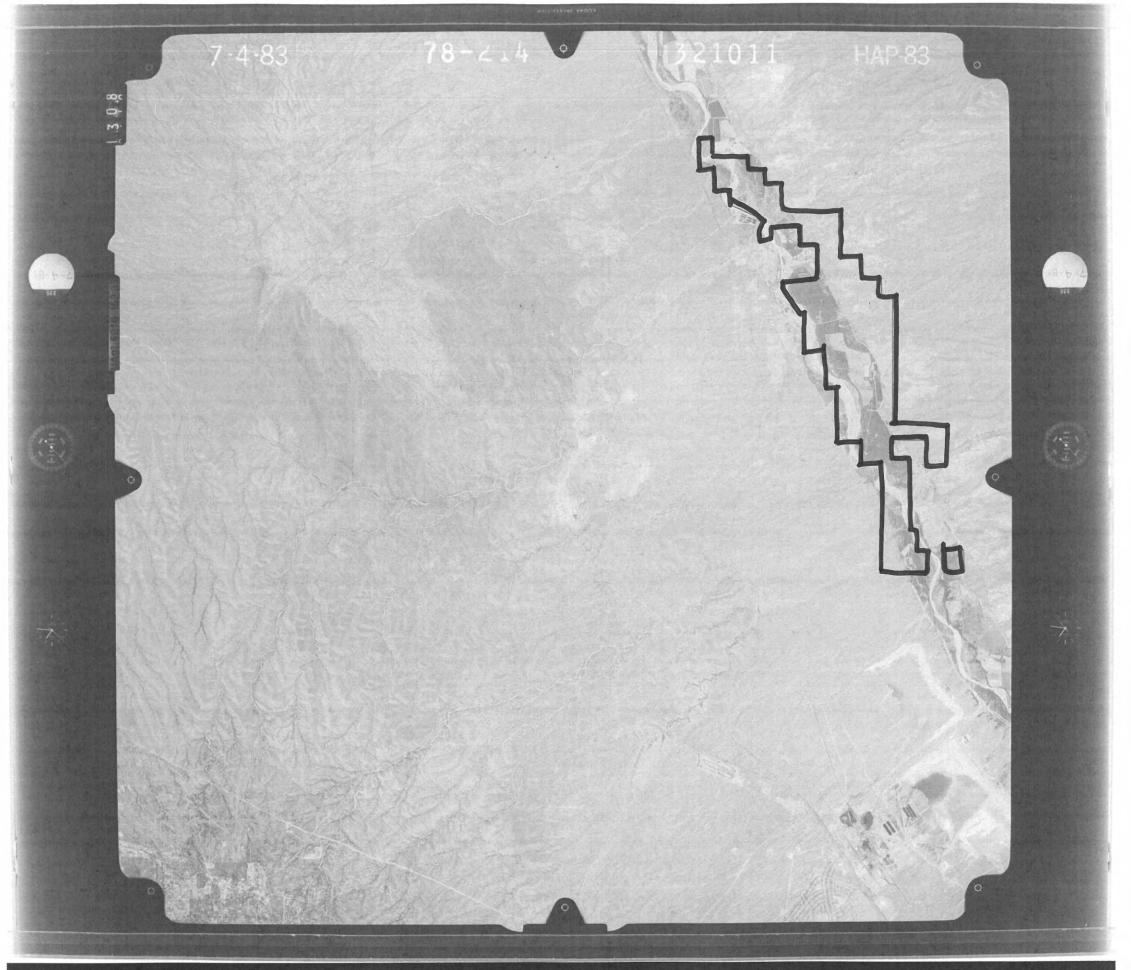
15136 05.121

TY 1370RMG M ROLL 12 SMARS6 55-AM-81

1113

1956













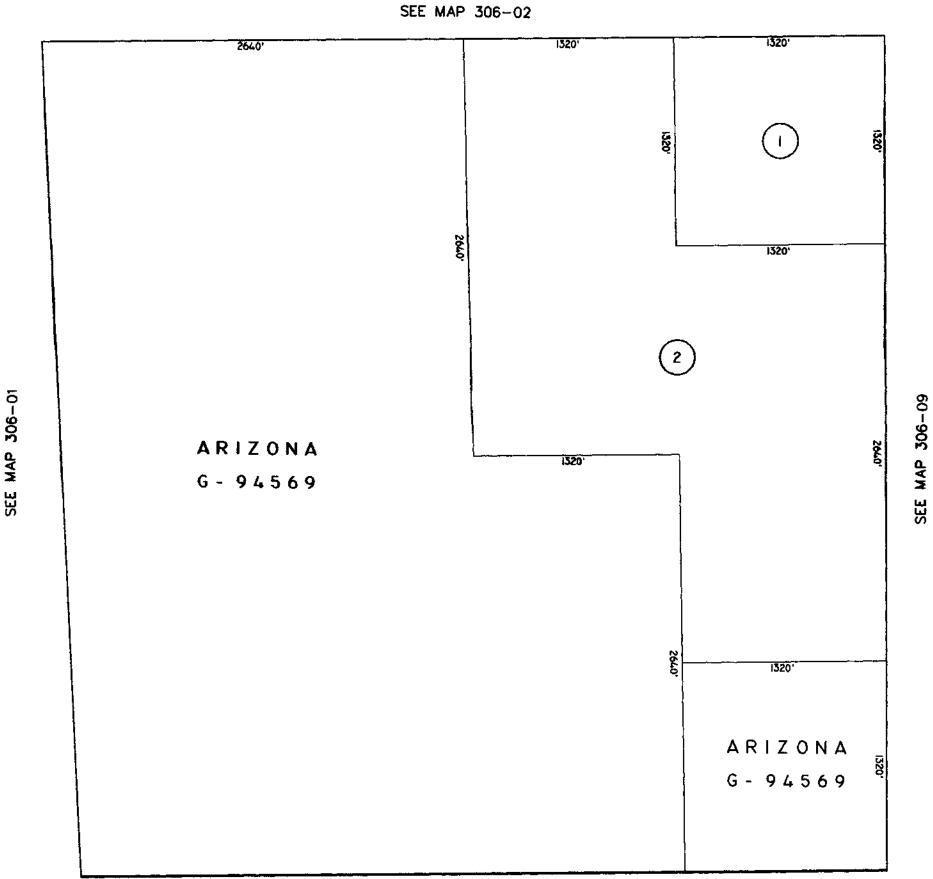


APPENDIX H

Pinal County Assessor's Record Maps and Property Detail Records SEC. 12, TN.8S RG.16E

THIS MAP IS FOR TAX PURPOSES ONLY.
THIS OFFICE WILL NOT ASSUME LIABILITY FOR
REPRESENTATION, MEASUREMENTS OR ACREAGE.

306-03



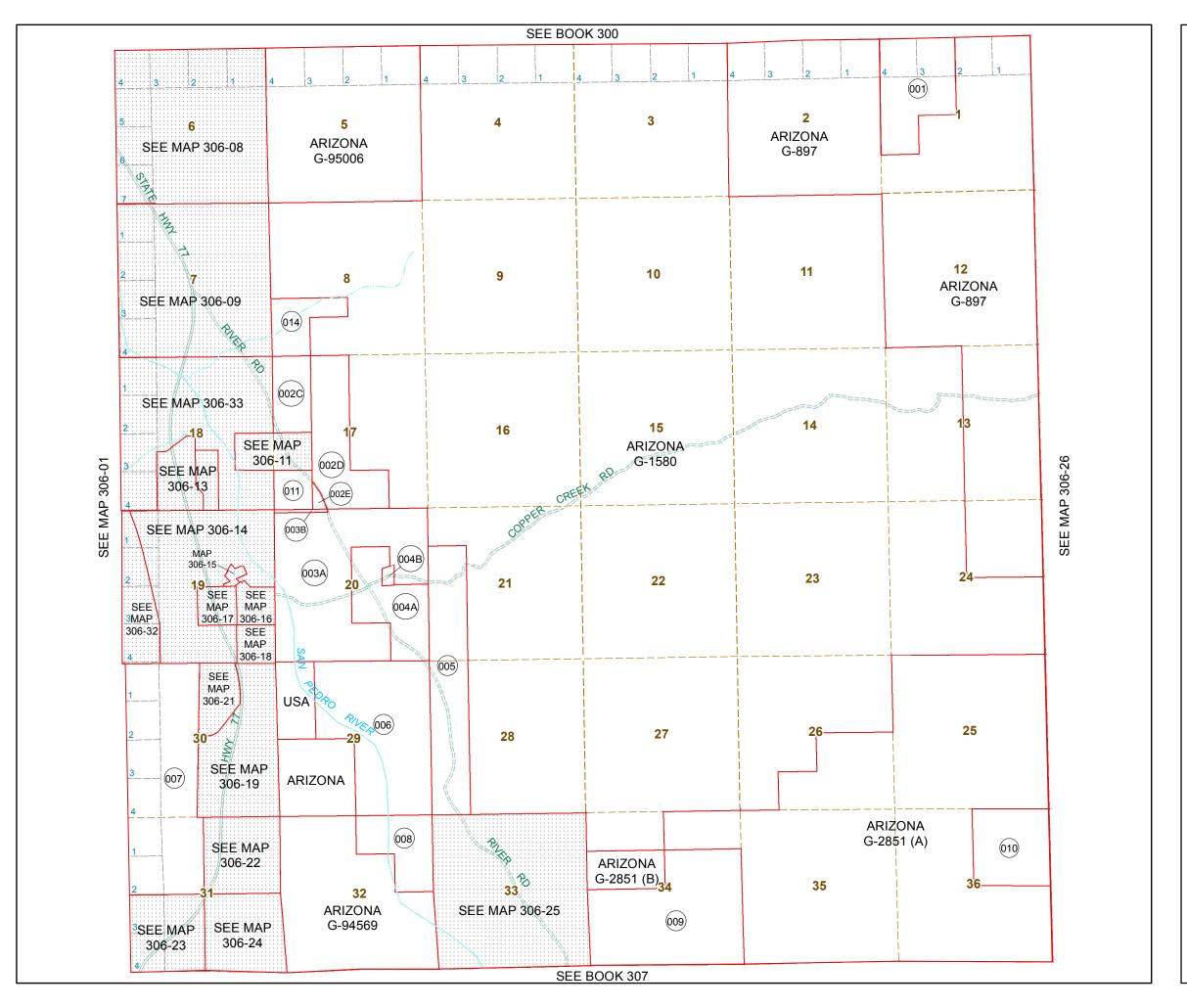
6-20-2001

SEE MAP 306-01

PINAL COUNTY ASSESSORS MAP

VICINITY MAP

SEC 01 SEC 13

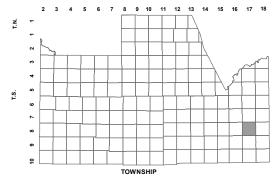


BOOK - MAP

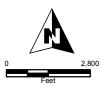
306-07

T.08S. R.17E.





6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36
		SECT	ION		



Revised: 4/6/2012



PINAL . COUNTY wide open opportunity

Pinal County Assessor

THIS MAP DOES NOT REPRESENT A SURVEY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA DELINEATED HEREIN, EITHER EXPRESSED OR IMPLIED BY PINAL COUNTY OR ITS EMPLOYEES. THIS MAP IS COMPILED FROM OFFICIAL RECORDS, INCLUDING PLATS, SURVEYS, RECORDED DEEDS AND CONTRACTS, AND ONLY CONTAINS INFORMATION REQUIRED FOR THE PINAL COUNTY ASSESSOR'S OFFICE PURPOSES.

SEC. 07, TN.8S RG.17E

SEE MAP 306-08

306-09

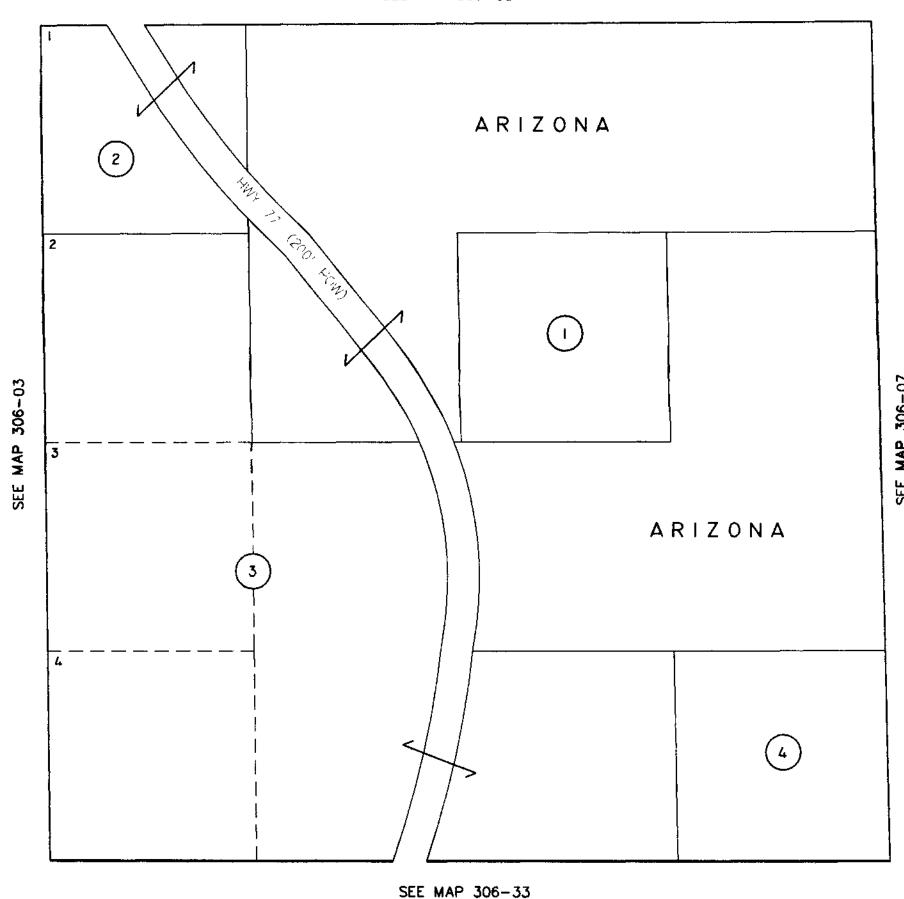


VICINITY MAP

SEC 06

ŚĘĆ 07

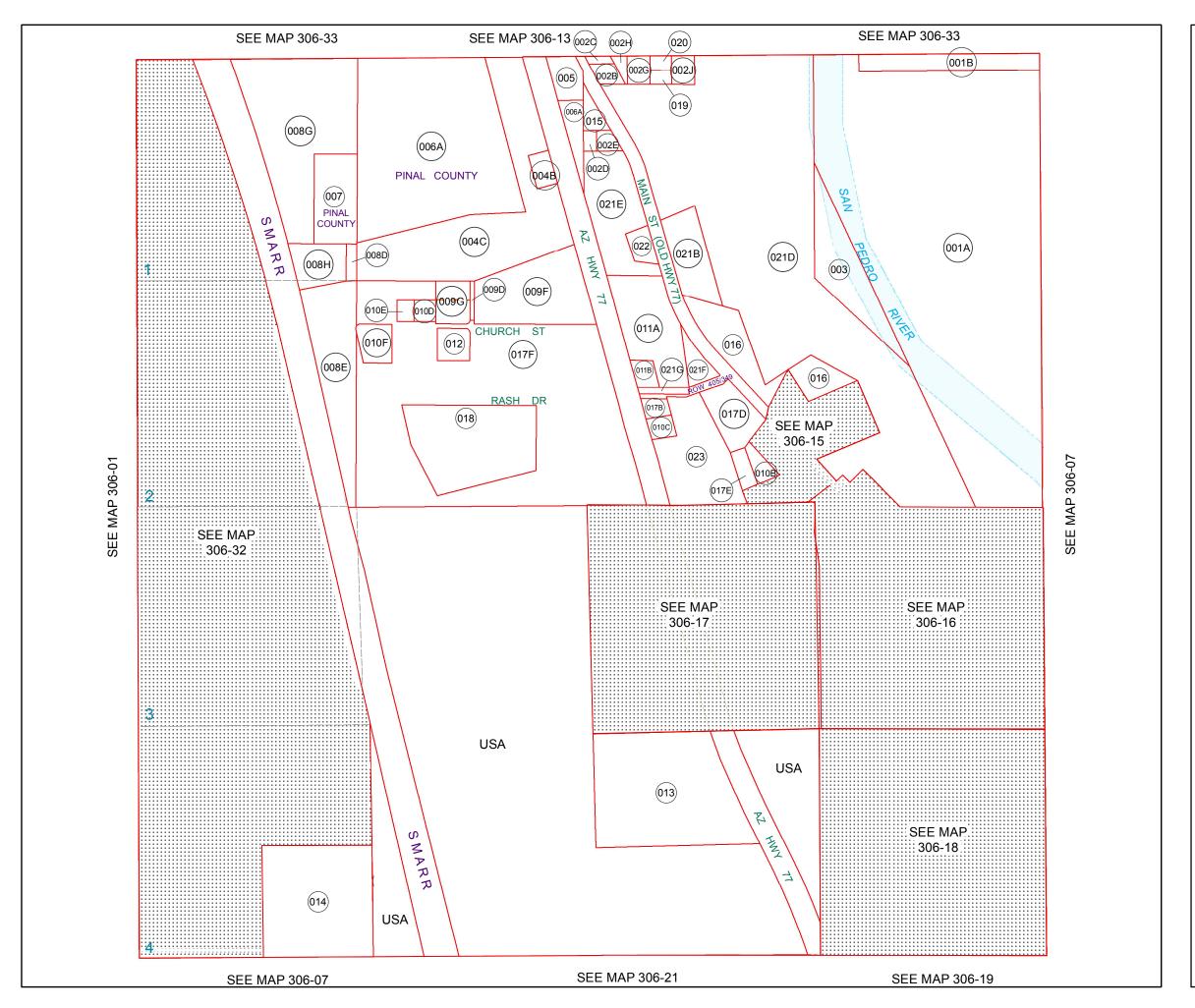
SEC 18



SCALE: 1" = 600

6-20-2001

PINAL COUNTY ASSESSORS MAP



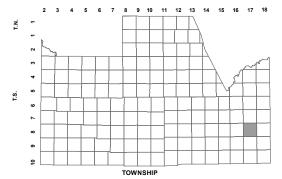
BOOK - MAP

306-14

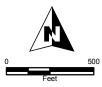
SEC. 19 T.08S. R.17E.



R F



6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36
	•	SECT	ION		•



Revised: 5/29/2012

By: AHB

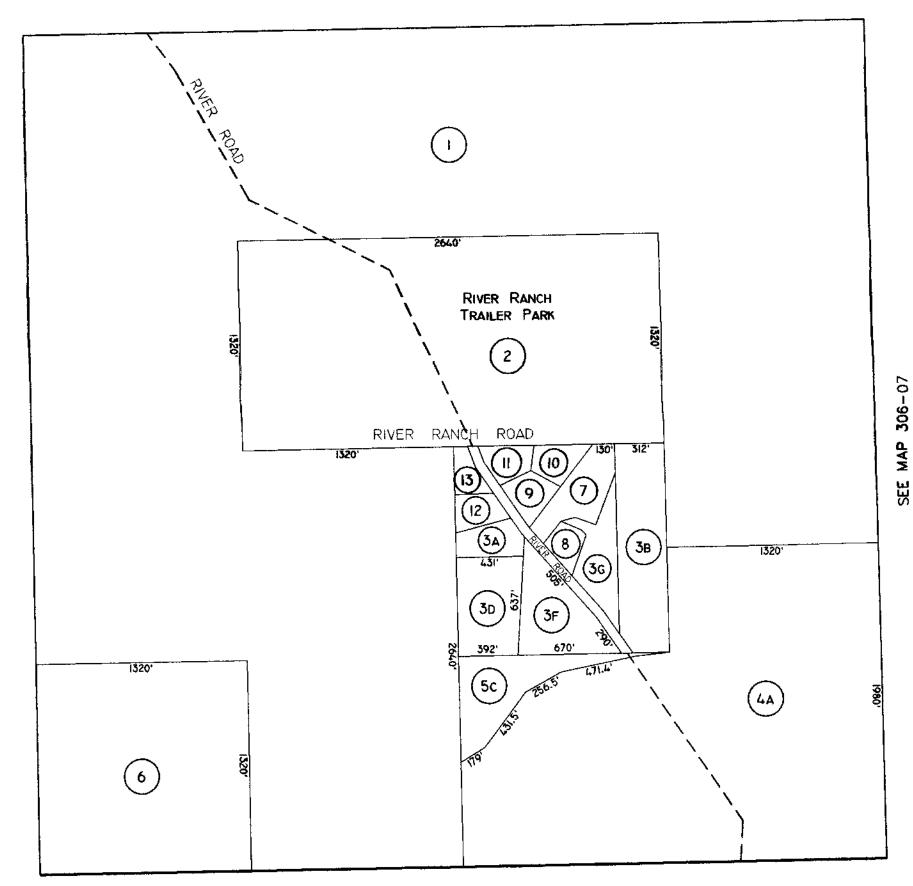


wide open opportunity

Pinal County Assessor

THIS MAP DOES NOT REPRESENT A SURVEY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA DELINEATED HEREIN, EITHER EXPRESSED OR IMPLIED BY PINAL COUNTY OR ITS EMPLOYEES. THIS MAP IS COMPILED FROM OFFICIAL RECORDS, INCLUDING PLATS, SURVEYS, RECORDED DEEDS AND CONTRACTS, AND ONLY CONTAINS INFORMATION REQUIRED FOR THE PINAL COUNTY ASSESSOR'S OFFICE PURPOSES.

THIS MAP IS FOR TAX PURPOSES ONLY.
THIS OFFICE WILL NOT ASSUME LIABILITY FOR
REPRESENTATION, MEASUREMENTS OR ACREAGE.



SCALE: 1" = 600

6-20-2001

PINAL COUNTY ASSESSORS MAP

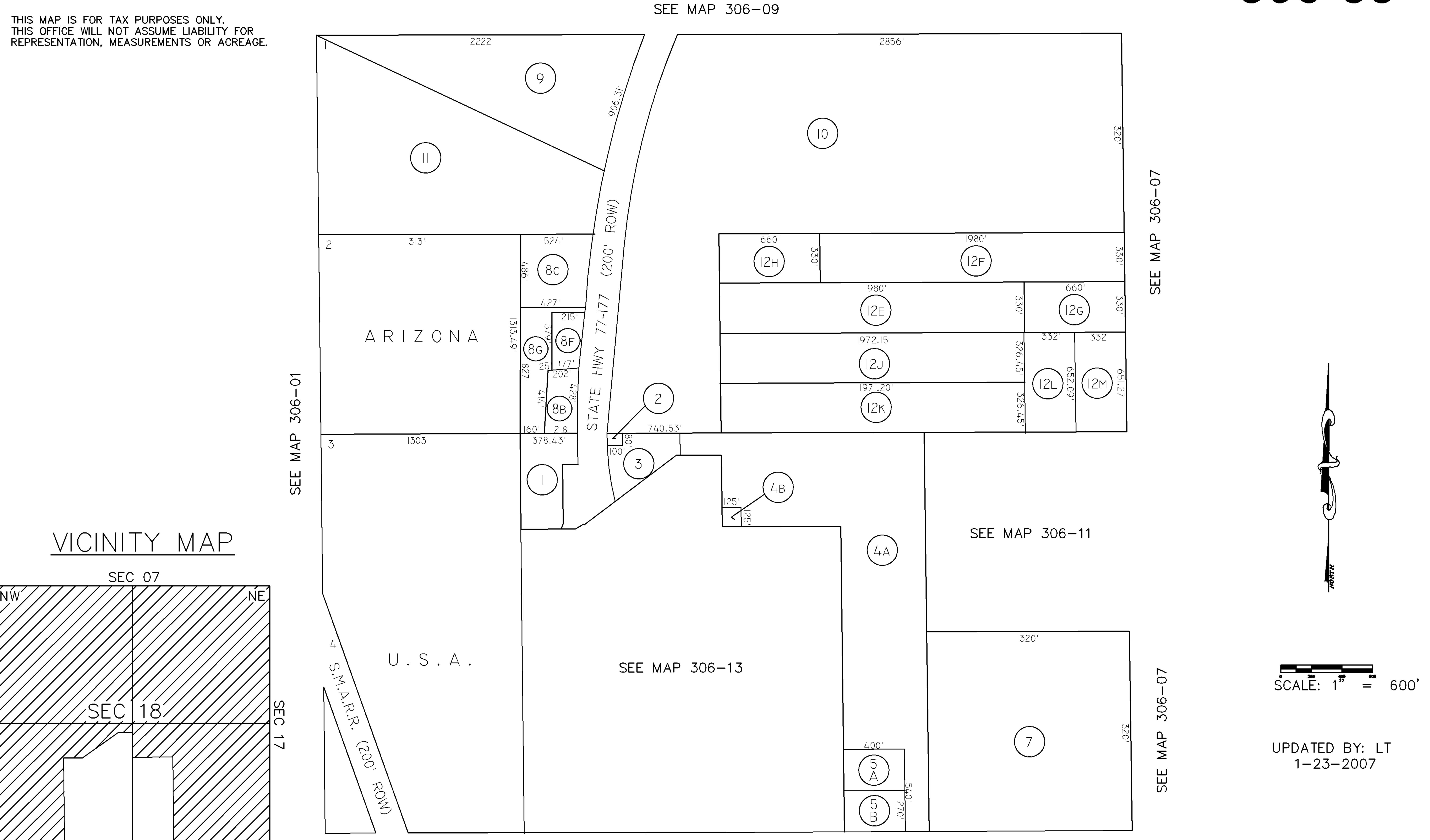
SEE BOOK 307

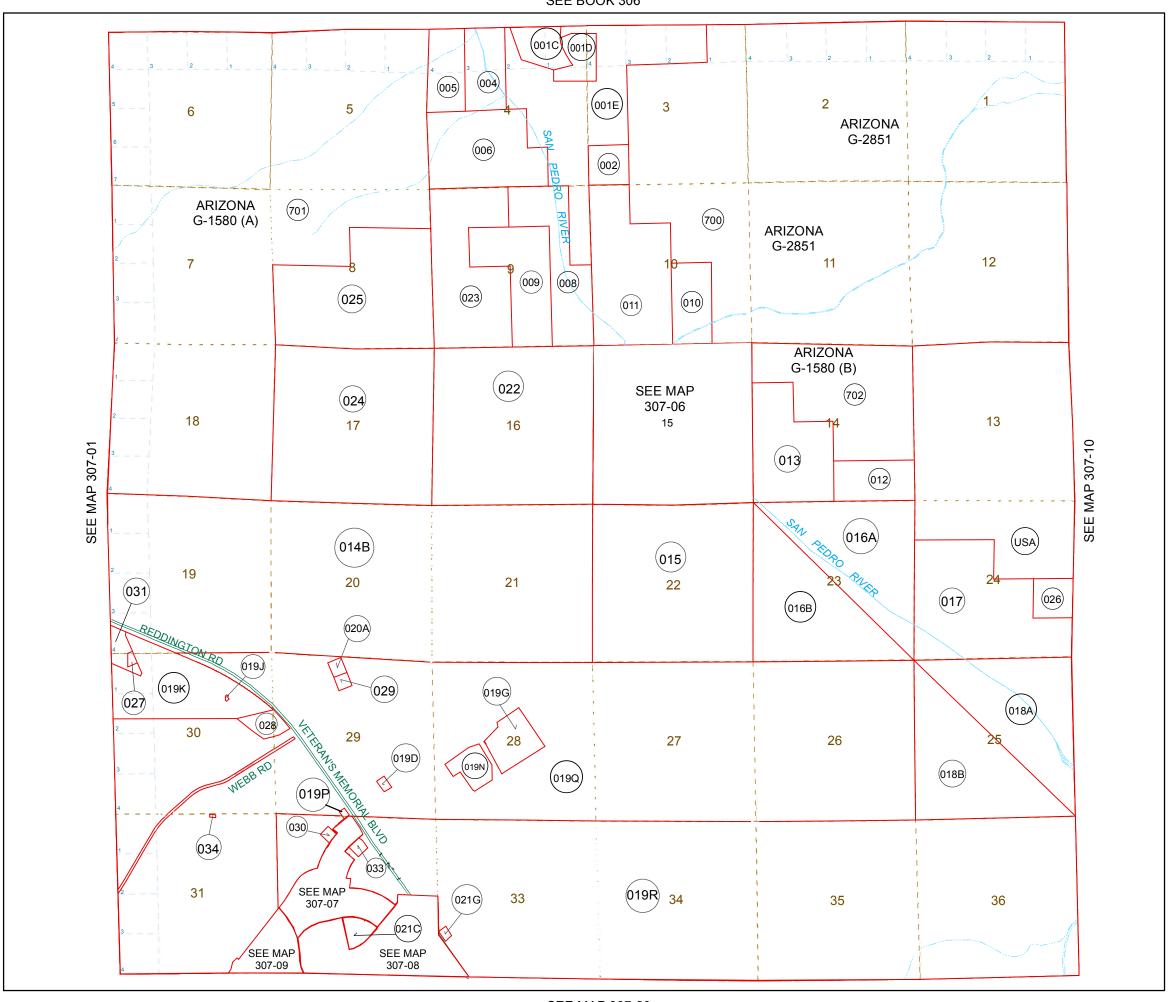
SW SEC 04 TN.96 RG.17E

VICINITY MAP

SEC 28

SEC 19





BOOK - MAP 307-05 T.09S. R.17E. LOCATION MAPS 11 18 22 23 28 27 26 11/18/2011 Revised: MBG PINAL . COUNTY wide open opportunity **Pinal County Assessor** THIS MAP DOES NOT REPRESENT A SURVEY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA DELINEATED HEREIN, EITHER EXPRESSED OR IMPLIED BY PINAL COUNTY OR ITS EMPLOYEES. THIS MAP IS COMPILED FROM OFFICIAL RECORDS, INCLUDING PLATS, SURVEYS, RECORDED DEEDS AND CONTRACTS, AND ONLY CONTAINS INFORMATION REQUIRED FOR THE PINAL COUNTY ASSESSOR'S OFFICE PURPOSES.

Widower

Disabled

Senior Freeze

Parcel Searc				Stan	t a New S	Search						
Search Re Parcel Det	-		-									open 🕨
Previous year va not be reflected i												alue ma
			ඉ	Compar	able Prope	erties	% L	ink to	This Parce	el 🏻	Print	View
Parcel Number	306-07-00	2C sho	ws the	followi	ng infor	mati	on for	Tax \	/ear: 20	017 ▼	Tax Year	<u>Chart</u>
Parcel Number	306-07-0		axing		Prima	ary C	wner:	SWII LLC	FT CURR	ENT I	AND &	CATTLE
Section: 17	Township:	08S	Range:	17E	Name	2:						
Atlas Number:	-	Мар:	View P Map	arcel	In C/	O :						
Property Descr	iption: (W	hat is th	nis?)		Tax Bill Mailing Address							
W1/2 OF NW OF	SEC 17-8S	-17E 80	0.00 AC		Address: PO BOX 1944			ŀ				
					City:			SUP	ERIOR			
					State	:		ΑZ				
					Zip C	ode:		8517	'3			
Date of Sale:	Not Give	า			Property Address (Location):							
Sale Amount:	Not Give	า										
Document(s):	1				Subdi	visio	n:					
2004-021434					Unit:		Bloc	k:	Lot:		Phas	e:
			Yes	No	Cabin	et:	<u> </u>	I.	Slide:		1	
Widow				X					1	1		

Imp:	0.00	Item:		
Const	year:	0	Grnd Flr Perim:	0
Storie	es:		Total Sq. Ft.:	0

Χ

Χ

Χ

Parcel Size:	80.00						
Size Indicator:	Acres						
Tax Area Code:	0802 (Rates current as of 2013)						
Use Code:	0004						
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp						
Impr. Legal Class:							
Full Cash Value (FCV):	\$38,544.00	% COMPARABLE PROPERTIES					
Limited Value (LPV):	\$29,106.00						
Real Property Ratio:							
Assessed FCV:	\$5,782.00						
Assessed LPV:	\$4,366.00						

Attached Personal Property:	No Personal Property Listed	
		_

Start a New Search

•

Search Results (1 Entries)

Parcel Details (306-07-002D)

open	+
open	+

Previous year valuations are subject to change as prescribed in the Arizona Revised Statutes. All changes in value may not be reflected in this data. For updated/correct figures, please refer to the Treasurer's Office website.

Q	Comparable Properties	S Link to This Parcel	占 Print View

Parcel Number 306-07-002D shows the following information for Tax Year: 2017 ▼ Tax Year Chart

Parcel N	lumbe	r: 306-07-0	002D (<u>T</u> <u>on</u>)	axing	Primary Owner:	SWIFT CURRENT LAND & CATTLE LLC		
Section:		Township:		Range:	17E	Name 2:		
Atlas Number: -		-	Мар:	View Pa	arcel	In C/O:		
Property	Desc	ription: (W	hat is th	nis?)		Tax Bill Mailing Address		
E2 W2 A	ND SW	SE SEC 17-	·8S-17E	EXC SW'	LY OF	Address:	PO BOX 1944	
RIVER RI	D ROW	/, 193.97 AC				City:	SUPERIOR	
					State:	AZ		
					Zip Code:	85173		

Date of Sale:	3/26/2004			y Address (L	ocation):		
Sale Amount:	\$3,500,000.00						
Document(s):				Subdivis	sion:		
2004-021434				Unit:	Block:	Lot:	Phase:
	Y	es	No	Cabinet:		Slide:	

Widow	Χ
Widower	X
Disabled	X
Senior Freeze	Χ

In	np:	0.00	Item:		
Co	onst	year:	0	Grnd Flr Perim:	0
St	Stories:			Total Sq. Ft.:	0

Parcel Size:	193.97						
Size Indicator:	Acres						
Tax Area Code:	0803 (Rates current as of 2013)						
Use Code:	0004						
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp						
Impr. Legal Class:							
Full Cash Value (FCV):	\$63,719.00	% COMPARABLE PROPERTIES					
Limited Value (LPV):	\$47,341.00						
Real Property Ratio:							
Assessed FCV:	\$9,558.00						
Assessed LPV:	\$7,101.00						

Attached Personal Property:	No Personal Property Listed	

Start a New Search

	-
	1
H	
	_

Search Results (1 Entries)

Parcel Details (306-07-002E)

oper	1	+
oper	1	+

Previous year valuations are subject to change as prescribed in the Arizona Revised Statutes. All changes in value may not be reflected in this data. For updated/correct figures, please refer to the Treasurer's Office website.



Somparable Properties



Second Property Link to This Parcel



Print View

Parcel Number 306-07-002E shows the following information for Tax Year: 2017 ▼ Tax Year Chart

Parcel N	umbe	7: 306-07-0 Information	306-07-002E (<u>Taxing</u> <u>Information</u>)						
Section:		Township:		Range:	17E				
Atlas Nu	mber	-	Мар:	<u>View Parcel</u> Map					
Property Description: (What is this?)									
SE SW SEC 17-8S-17E SW'LY OF RIVER RD ROW, 6.03 AC									

Primary Owner:	BENNY CLARK				
Name 2:					
In C/O:					
Tax Bill Mailing Address					
Address:	PO BOX 145				
City:	MAMMOTH				
State:	AZ				
Zip Code:	85618				

Date of Sale:	Prope	Property Address (Location):										
Sale Amount:	\$10.00											
Document(s):	Document(s):						Subdivision:					
2012-007458				Unit:		Block:		Lot:	Ph	ase:		
Yes No				Cabin	Cabinet: SI			Slide:	e:			

Widow	Χ
Widower	Χ
Disabled	Χ
Senior Freeze	Χ

In	np:	0.00	Item:		
Co	onst	year:	0	Grnd Flr Perim:	0
St	Stories:			Total Sq. Ft.:	0

Parcel Size:	6.03						
Size Indicator:	Acres	es					
Tax Area Code:	0803	(Rates current as of 2013)					
Use Code:	0004						
Land Legal Class:	02RL -	- Vacant Land / Non-Profit Imp					
Impr. Legal Class:							
Full Cash Value (FCV): \$7,61		5.00	% COMPARABLE PROPERTIES				
Limited Value (LPV):	\$5,75	1.00					
Real Property Ratio:							
Assessed FCV:	\$1,14	142.00					
Assessed LPV:	\$863.	.00					
Attached Personal Prope	erty:	No Personal Property Listed					

Start a New Search

i aicc	I Sca	CII							Otart	INEW O	carcii	_	
☐ Pa	rcel D	etails	(306-	07-00)3A)							ор	en 🖶
							ibed in the Arizo , please refer to						ue ma
Parcel	Numbe	er 306-	07-003	A sho			able Properties ng informati	-	ink to Th			Print Vi	
Parcel	Numb	er: 30	6-07-00 rmation	3A (<u>Ta</u>	axing		Primary O	wner:	SWIFT LLC	CURRI	ENT L	AND & C	 :ATTL
Section			ship: 0		Range	17E	Name 2:						
Atlas N	Numbe	r: -		Мар:	<u>View</u> Map	<u>Parcel</u>	In C/O:						
Proper	ty Des	criptio	n: (Wha	it is th	nis?)		Tax Bill M	ailing	Addres	s			
			N2 NE A				Address: PO BOX			X 1944	(1944		
			OF S-69 ER RD R				City: SUPERI			IOR	OR		
							State: AZ						
							Zip Code:		85173				
Date o	f Sale:	3/2	26/2004				Property A	Addres	s (Loca	ation):			
Sale A	mount	\$3,	500,000	.00									
Docum	nent(s)	:					Subdivisio	n:					
2004-0	<u>21434</u>		_				Unit:	Block	k:	Lot:		Phase:	
					Yes	No	Cabinet:			Slide:			
Wido	W					X							
Wido	wer					Х							
Disal	oled					X							
Senio	or Freez	ze				X							
Imp:	0.00	Item:											
Const	W00#1	_	Grnd E	lu Dai	wi.ma. 0								

Parcel Size:	473.62
--------------	--------

Stories:

Total Sq. Ft.:

0

Size Indicator:	Acres	
Tax Area Code:	0806 (Rates current as of 2013)	
Use Code:	0004	
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp	
Impr. Legal Class:		
Full Cash Value (FCV):	\$89,893.00	% COMPARABLE PROPERTIES
Limited Value (LPV):	\$67,882.00	
Real Property Ratio:		
Assessed FCV:	\$13,484.00	
Assessed LPV:	\$10,182.00	

Attached Personal Property:	No Personal Property Listed

Start a New Search

_)	

Search Results (1 Entries)

Parcel Details (306-07-003B)

open 🞩
open 🞩

Previous year valuations are subject to change as prescribed in the Arizona Revised Statutes. All changes in value may not be reflected in this data. For updated/correct figures, please refer to the Treasurer's Office website.



Somparable Properties



Second Second



Print View

Parcel Number 306-07-003B shows the following information for Tax Year: 2017 ▼ Tax Year Chart

Parcel Number: 306-07-003B (Taxing Information)						
Section:		Township:		Range:	17E	
Atlas Nu	Atlas Number: - Map: View Parcel Map					
Property Description: (What is this?)						
N-100 OF NW SEC 20-8S-17E W OF RIVER RD ROW, 4.1 AC						

Primary Owner:	BENNY CLARK
Name 2:	
In C/O:	
Tax Bill Mailing	Address
Address:	PO BOX 145
City:	MAMMOTH
State:	AZ
Zip Code:	85618

Date of Sale:	1/31/2012			Prope	rty	Address (Lo	cation):		
Sale Amount:	\$10.00								
Document(s):				Subdiv	/isio	on:			
2012-007458				Unit:		Block:	Lot:	Phase:	
		Yes	No	Cabine	et:	,	Slide:	1	

Widow	X
Widower	X
Disabled	X
Senior Freeze	Х

In	np:	0.00	Item:		
Co	onst	year:	0	Grnd Flr Perim:	0
St	orie	s:		Total Sq. Ft.:	0

Parcel Size:	4.10						
Size Indicator:	Acres	acres					
Tax Area Code:	0803	(Rates current as of 2013)					
Use Code:	0004						
Land Legal Class:	02RL	- Vacant Land / Non-Profit Imp					
Impr. Legal Class:							
Full Cash Value (FCV):	\$5,178.00 <u>S COMPARABLE PRO</u>						
Limited Value (LPV):	\$3,91	1.00					
Real Property Ratio:							
Assessed FCV:	\$777.	00					
Assessed LPV:	\$587.00						
Attached Personal Prop	erty:	No Personal Property Listed					

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

Start a New Search

ù	1
_	

Search Results (1 Entries)

Parcel Details (306-07-004A)

open	÷
open	÷

Previous year valuations are subject to change as prescribed in the Arizona Revised Statutes. All changes in value may not be reflected in this data. For updated/correct figures, please refer to the Treasurer's Office website.

m.			
45	Com	para	į

ble Properties



Second Property Link to This Parcel



Parcel Number 306-07-004A shows the following information for Tax Year: 2017 ▼ Tax Year Chart

Parcel Number: 306-07-004A (Taxing Information)					
Section:		Township:		Range:	17E
Atlas Nu	mber	-	Мар:	<u>View Pa</u> Map	<u>arcel</u>
Property Description: (What is this?)					
N1/2 SE & SE SE & SW NE OF SEC 20-8S-17E EXC E-271.9 OF THE N-656.9 OF THE SW NE THEREOF					

156.18 AC

Primary Owner:	SWIFT CURRENT LAND & CATTLE LLC		
Name 2:			
In C/O:			
Tax Bill Mailing Address			
Address:	PO BOX 1944		
City:	SUPERIOR		
State:	AZ		

Date of Sale:	Not Given	Pro
Sale Amount:	Not Given	
Document(s):		Sul
2004-021434		11

Property Ad	dress (L	ocation):
-------------	----------	-----------

bdivision:

Zip Code:

Yes No

Unit:		Block:	Lot:	Phase:	
Cabin	et:		Slide:		

85173

Widow Χ

Widower Χ

Disabled Χ

Senior Freeze Χ

Imp:	0.00	Item:		
Const	year:	0	Grnd Flr Perim:	0
Storie	es:		Total Sq. Ft.:	0

Parcel Size:	156.18			
Size Indicator:	Acres	Acres		
Tax Area Code:	0806 (Rates current as of 2013)	0806 (Rates current as of 2013)		
Use Code:	0004	0004		
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp			
Impr. Legal Class:				
Full Cash Value (FCV):	\$57,006.00	% COMPARABLE PROPERTIES		
Limited Value (LPV):	\$43,047.00			
Real Property Ratio:				
Assessed FCV:	\$8,551.00			
Assessed LPV:	\$6,457.00			

Attached Personal Property:	No Personal Property Listed

Start a New Search



Search Results (1 Entries)

Parcel Details (306-07-004B)

C	pen	+
c	pen	+

Previous year valuations are subject to change as prescribed in the Arizona Revised Statutes. All changes in value may not be reflected in this data. For updated/correct figures, please refer to the Treasurer's Office website.

Somparable Properties



Property Address (Location):

Second Second



Print View

Parcel Number 306-07-004B shows the following information for Tax Year: 2017 ▼ Tax Year Chart

306-07-004B (Taxing **Parcel Number:** Information) Section: 20 Township: 08S Range: 17E View Parcel Atlas Number: Map:

Property Description: (What is this?)

COM @ E1/4 COR OF SEC 20-8S-17E TH W-1165.09 TO POB CONT W-415.93 TH N-576.11 TH N-72D E-435.98 TH S-696.04 TO POB 6.07 AC

Primary Owner:	SAN PEDRO VALLEY LIONS CLUB
Name 2:	
In C/O:	
Tax Bill Mailing	Address
Address:	PO BOX 567
City:	MAMMOTH
State:	AZ
Zip Code:	85618

Date of Sale:	Not Given			
Sale Amount:	Not Given			
Document(s):				
2003-065283				

2003-065283		
	Yes	No
Widow		X
Widower		Х
Disabled		Х
Senior Freeze		Х

	87888 E COPPER CREEK RD							
MAMI	мотн /	AZ 856	518					
VIE	W MA	Р						
Drama	ato . A al al us		4	-	!!-	4: :4 .		
Proper match	rty Addre the mail	ess refers ling addre	to a ge	eographi or zip co	cal loo	cation: it i	may no	
	rty Addre the mail	1	to a ge	eographi or zip co	cal loo	cation: it r	may no	
		1		eographi or zip co	cal loo	Phas		

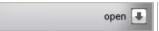
Imp:	0.00	Item:		
Const	year:	0	Grnd Flr Perim:	0
Storie	es:		Total Sq. Ft.:	0

Parcel Size:	6.07	07					
Size Indicator:	Acres	res					
Tax Area Code:	0806	06 (Rates current as of 2013)					
Use Code:	0004	004					
Land Legal Class:	02RL	2RL - Vacant Land / Non-Profit Imp					
Impr. Legal Class:							
Full Cash Value (FCV):	\$5,89	4.00	SOMPARABLE PROPERTIES				
Limited Value (LPV):	\$4,45	1.00					
Real Property Ratio:							
Assessed FCV:	\$884.	00					
Assessed LPV:	\$668.00						
Attached Personal Property: No Personal Property Listed							

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

	-	ı.	
		٦	
- 1		8	

Parcel Details (306-14-001A)



Previous year valuations are subject to change as prescribed in the Arizona Revised Statutes. All changes in value may not be reflected in this data. For updated/correct figures, please refer to the Treasurer's Office website.

Somparable Properties

ties 🦠

Link to This Parcel



Parcel Number 306-14-001A shows the following information for Tax Year: 2017 ▼ Tax Year Chart

Parcel Number: 306-14-001A (Taxing Information)						
Section:		Township:		Range:	17E	
Atlas Nu	mber:	: -	Мар:	<u>View Pa</u> Map	<u>arcel</u>	
Property Description: (What is this?)						
E2 NE SEC 19-8S-17E LYING E OF LINE COM AT E4 COR SEC 19 TH W-416.82 TO POB TH N 24D 47' 06" W-2253.96 TO END OF LINE EXC E-						

1055.57 OF N-100, 57.58 AC

Primary Owner:	SWIFT CURRENT LAND & CATTLE LLC
Name 2:	
In C/O:	
Tax Bill Mailing	Address
Address:	PO BOX 1944
City:	SUPERIOR
State:	AZ
Zip Code:	85173

Date of Sale:	3/26/2004	Prop	erty	Add	dress	(Loc	ation):	:
Sale Amount:	\$3,500,000.00							
Document(s):		Subdi	ivisi	on:				
2004-021434		Unit:		В	lock:		Lot:	
					·			т

Yes

No

Subdiv	visi	on:				
Unit:		В	lock:	Lot:	Phase:	
Cabinet:			Slide:			

Widow	X
Widower	X
Disabled	Х
Senior Freeze	Х

I	mp:	0.00	Item:		
С	onst	year:	0	Grnd Flr Perim:	0
S	torie	s:		Total Sq. Ft.:	0

Parcel	Size:	57.58
. a. cc.	JIZCI	37.30

Size Indicator:	Acres						
Tax Area Code:	0802 (Rates current as of 2013)						
Use Code:	0004						
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp						
Impr. Legal Class:							
Full Cash Value (FCV):	\$44,135.00	% COMPARABLE PROPERTIES					
Limited Value (LPV):	\$33,329.00						
Real Property Ratio:							
Assessed FCV:	\$6,620.00						
Assessed LPV:	\$4,999.00						

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

Start a New Search

ù	

Search Results (1 Entries)

Parcel Details (306-14-001B)

open 🞩
open 🞩

Previous year valuations are subject to change as prescribed in the Arizona Revised Statutes. All changes in value may not be reflected in this data. For updated/correct figures, please refer to the Treasurer's Office website.



Somparable Properties



Second Second



Print View

Phase:

Parcel Number 306-14-001B shows the following information for Tax Year: 2017 ▼ Tax Year Chart

Parcel Number: 306-14-001B (<u>Taxing</u> Information)							
Section:		Township:		Range:	17E		
Atlas Number: - Map: View Parcel Map							
Property Description: (What is this?)							
E-1055.57 OF N-100 E2 NE SEC 19-8S-17E, 2.42 AC							

Primary Owner:	BENNY CLARK
Name 2:	
In C/O:	
Tax Bill Mailing	Address
Address:	PO BOX 145
City:	MAMMOTH
State:	AZ
Zip Code:	85618

Date of Sale:	1/31/2012			Property Address (Location):					
Sale Amount:	\$10.00								
Document(s):			Subdivision:						
2012-007458				Unit:	Block:	Lot:			
		Yes	No	Cabinet:	1	Slide:			

	tes	NO
Widow		X
Widower		X
Disabled		Х
Senior Freeze		Х

Imp:	0.00	Item:		
Const	year:	0	Grnd Flr Perim:	0
Storie	es:		Total Sq. Ft.:	0

Parcel Size:	2.42	2.42					
Size Indicator:	Acres						
Tax Area Code:	0802	0802 (Rates current as of 2013)					
Use Code:	0004	0004					
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp						
Impr. Legal Class:							
Full Cash Value (FCV):	\$4,34	6.00	% COMPARABLE PROPERTIES				
Limited Value (LPV):	\$3,28	2.00					
Real Property Ratio:							
Assessed FCV:	\$652.	00					
Assessed LPV:	\$492.	00					
Attached Personal Property: No Personal Property Listed							

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

real Carroh* D

Disabled

Senior Freeze

Parcel Searc	n*							Start	a New Se	arch	
Search Re Parcel Det	-		-								open •
Previous year val not be reflected i											es in value ma
			%	Compar	able Prope	rties	% L	ink to T	his Parcel	ē	Print View
Parcel Number	306-03-00	20 sho	ws the 1	followi	ng infor	natio	on for	Tax Y	ear: 201	7 ▼ <u>Ta</u>	ax Year Chart
Parcel Number	306-03-0	0020 (<u>Ta</u> on)	<u>axing</u>		Prima	ry O	wner:	SWIF LLC	T CURRE	NT LA	AND & CATTLE
	Γownship:		Range:	16E	Name	2:					
Atlas Number: - Map: View Parcel Map					In C/) :					
Property Descr	iption: (W	hat is th	nis?)		Tax Bill Mailing Address						
NE SE & SE NE 8	& W1/2 NE	OF SEC	12-8S-1	6E	Address: PO BOX 1944						
160.00 AC					City: SUPERIOR						
					State:			AZ			
					Zip Code: 85173						
Date of Sale:	Not Giver	า			Prope	rty A	Addres	s (Loc	ation):		
Sale Amount:	Not Giver	า									
Document(s):					Subdivision:						
2004-021434					Unit:		Bloc	k:	Lot:		Phase:
			Yes	No	Cabin	et:	•		Slide:		
Widow				X							
Widower				Χ							

Imp:	0.00	Item:		
Const	year:	0	Grnd Flr Perim:	0
Storie	s:		Total Sq. Ft.:	0

Χ

Χ

Parcel Size:	160.00				
Size Indicator:	Acres				
Tax Area Code:	0806 (Rates current as of 2013)				
Use Code:	0004				
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp				
Impr. Legal Class:					
Full Cash Value (FCV):	\$52,560.00	% COMPARABLE PROPERTIES			
Limited Value (LPV):	\$39,690.00				
Real Property Ratio:					
Assessed FCV:	\$7,884.00				
Assessed LPV:	\$5,954.00				

Attached Personal Property:	No Personal Property Listed	

Start a New Search

D	

Search Results (1 Entries)

Parcel Details (306-07-0050)

open	÷
open	+

Previous year valuations are subject to change as prescribed in the Arizona Revised Statutes. All changes in value may not be reflected in this data. For updated/correct figures, please refer to the Treasurer's Office website.

% Comparable Properties	🗞 Link to This Parcel	占 Print View

Parcel Number 306-07-0050 shows the following information for Tax Year: 2017 ▼ Tax Year Chart

Parcel N	umbe	7: 306-07-0 Information	0050 (<u>Ta</u> on)	axing	Primary Owner	SWIFT CURRENT LAND & CAT	
Section:		Township:		Range:	17E	Name 2:	
Atlas Number: - Map: View Parcel Map						In C/O:	
Property	Desc	ription: (W	hat is th	nis?)		Tax Bill Mailing	Address
•		/ NW SEC 21	8S-17I	E & W1/2	W1/2	Address:	PO BOX 1944
SEC 28-8	3S-17E	280.00 AC				City:	SUPERIOR
						State:	AZ
						Zip Code:	85173

Date of Sale:	Not Given			Property	Address (L	ocation):	
Sale Amount:	Not Given						
Document(s):				Subdivis	ion:		
2004-021434				Unit:	Block:	Lot:	Phase:
		Yes	No	Cabinet:		Slide:	- 1

Widow X
Widower X
Disabled X
Senior Freeze X

Imp:	0.00	Item:		
Const	year:	0	Grnd Flr Perim:	0
Storie	es:		Total Sq. Ft.:	0

Parcel Size:	280.00				
Size Indicator:	Acres				
Tax Area Code:	0806 (Rates current as of 2013)				
Use Code:	0004				
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp				
Impr. Legal Class:					
Full Cash Value (FCV):	\$67,452.00	% COMPARABLE PROPERTIES			
Limited Value (LPV):	\$50,936.00				
Real Property Ratio:					
Assessed FCV:	\$10,118.00				
Assessed LPV:	\$7,640.00				

Attached Personal Property:	No Personal Property Listed	

Start a New Search

Ę	ì

Search Results (1 Entries)

Parcel Details (306-07-0060)



Previous year valuations are subject to change as prescribed in the Arizona Revised Statutes. All changes in value may not be reflected in this data. For updated/correct figures, please refer to the Treasurer's Office website.

Comparable Properties



Link to This Parcel



Print View

Parcel Number 306-07-0060 shows the following information for Tax Year: 2017 ▼ Tax Year Chart

306-07-0060 (Taxing **Parcel Number:** Information) Section: 29 Township: 08S Range: 17E View Parcel Atlas Number: 107-29 Map: **Property Description:** (What is this?) E1/2 & E1/2 NW OF SEC 29-8S-17E 400.00 AC

Primary Owner:	SWIFT CURRENT LAND & CATTLE LLC
Name 2:	
In C/O:	
Tax Bill Mailing	Address
Address:	PO BOX 1944
City:	SUPERIOR
State:	AZ
Zip Code:	85173

Date of Sale:	Not Given
Sale Amount:	Not Given
Document(s):	
2004-021434	

	Yes	No
Widow		Χ
Widower		Χ
Disabled		Χ
Senior Freeze		Х

Property Address (Location):

17590 S RIVER RD MAMMOTH AZ 85618

VIEW MAP

Property Address refers to a geographical location: it may not match the mailing address city or zip code

Subdivision:

Block: Unit: Lot: Phase: Cabinet: Slide:

Imp:	0.00	Item:		
Const	year:	0	Grnd Flr Perim:	0
Storie	s:		Total Sq. Ft.:	0

Parcel Size:	00.00				
Size Indicator:	Acres				
Tax Area Code:	0806 (Rates current as of 2013)				
Use Code:	0014				
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp				
Impr. Legal Class:					
Full Cash Value (FCV):	\$73,000.00	% COMPARABLE PROPERTIES			
Limited Value (LPV):	\$55,125.00				
Real Property Ratio:					
Assessed FCV:	\$10,950.00				
Assessed LPV:	\$8,269.00				

Attached Personal Property:	View Personal Property Attached To This Parcel	
4		

Start a New Search

i areer beare	/11							_ ctart			1	
Search Re Parcel De	-		-									en 🖶
Previous year va not be reflected												ıe may
			Q.	Compara	ble Prope	rties	% Li	nk to T	his Parce	el d	Print Vi	ew
Parcel Number	306-07-00	80 sho	ws the	followin	g infor	matio	on for	Tax Y	ear: 20	17 ▼	Tax Year Ch	<u>art</u>
Parcel Number	306-07-0		axing		Prima	ry O	wner:	SWIF	T CURR	ENT L	AND & C	ATTLE
Section: 32	Township:	08S	Range:	: 17E	Name	2:						
Atlas Number:	-	Мар:	<u>View F</u> Map	<u>Parcel</u>	In C/	0:						
Property Descr	ription: (W	nat is th	nis?)		Тах В	ill Ma	ailing	Addre	ss			
N1/2 NE & SE N	E 120.00 AC	2			Addre	ess:		РО ВО	OX 1944	•		
					City: SUPERIOR							
					State	ł		AZ				
					Zip Co	ode:		85173	3			
Date of Sale:	Not Giver	1			Prope	rty A	ddres	s (Loc	ation):			
Sale Amount:	Not Giver	1										
Document(s):					Subdi	visio	n:					
2004-021434					Unit:		Block	<:	Lot:		Phase:	
			Yes	No	Cabin	et:			Slide:			
Widow				X								
Widower				X								
Disabled				Х								
Senior Freeze				Х								

Imp:	0.00	Item:		
Const	year:	0	Grnd Flr Perim:	0
Storie	s:		Total Sq. Ft.:	0

Parcel Size:	120.00						
Size Indicator:	Acres	cres					
Tax Area Code:	0803 (Rates current as of 2013)						
Use Code:	0004						
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp	D2RL - Vacant Land / Non-Profit Imp					
Impr. Legal Class:							
Full Cash Value (FCV):	\$47,304.00	% COMPARABLE PROPERTIES					
Limited Value (LPV):	\$35,721.00						
Real Property Ratio:							
Assessed FCV:	\$7,096.00						
Assessed LPV:	\$5,358.00						

Attached Personal Property:	No Personal Property Listed

Start a New Search

ù	

Search Results (1 Entries)

Parcel Details (306-09-0030)

oper	1	+
oper	1	+

Previous year valuations are subject to change as prescribed in the Arizona Revised Statutes. All changes in value may not be reflected in this data. For updated/correct figures, please refer to the Treasurer's Office website.

% Comparable Properties	🗞 Link to This Parcel	占 Print View

Parcel Number 306-09-0030 shows the following information for Tax Year: 2017 ▼ Tax Year Chart

Parcel N	lumbei	r: 306-09-0	0030 (<u>Ta</u> on)	axing		Primary Owner:	SW LLC
Section:		Township:		Range:	17E	Name 2:	
Atlas Nu	mber:	-	Мар:	View Pa	arcel	In C/O:	
Property	Desc	ription: (W	hat is th	nis?)		Tax Bill Mailing	Add
		1/2 SW & S	W SE SI	EC 7-8S-1	L7E	Address:	РО
240.00 A	vC					City:	SUI
						State:	ΑZ

Primary Owner:	SWIFT CURRENT LAND & CATTLE LLC
Name 2:	
In C/O:	
Tax Bill Mailing	Address
Address:	PO BOX 1944
City:	SUPERIOR
State:	AZ
Zip Code:	85173

Date of Sale:	Not Given			Property Address (Location):			
Sale Amount:	Not Given						
Document(s):				Subdivis	ion:		
2004-021434				Unit:	Block:	Lot:	Phase:
		Yes	No	Cabinet:		Slide:	

Widow X
Widower X
Disabled X
Senior Freeze X

Imp:	0.00	Item:		
Const	year:	0	Grnd Flr Perim:	0
Storie	es:		Total Sq. Ft.:	0

Parcel Size:	240.00	
Size Indicator:	Acres	
Tax Area Code:	0806 (Rates current as of 2013)	
Use Code:	0004	
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp	
Impr. Legal Class:		
Full Cash Value (FCV):	\$57,816.00	% COMPARABLE PROPERTIES
Limited Value (LPV):	\$43,659.00	
Real Property Ratio:		
Assessed FCV:	\$8,672.00	
Assessed LPV:	\$6,549.00	

Attached Personal Property:	No Personal Property Listed

Parcel Searc	ch*				Start a New Search						
Search Results (1 Entries) Parcel Details (306-25-0010) open •									H		
Previous year va not be reflected											• ma
			%	Compara	able Properties	% Lin	k to T	his Parc	el 🧯	Print Viev	w
Parcel Number	306-25-00	10 sho	ws the	followii	ng informatio	n for T	ax Y	ear: 20)17 ▼	Tax Year Char	<u>t</u>
Parcel Number	306-25-0	010 (<u>Ta</u>	axing		Primary Ov	vner:	SWIF	T CURR	ENT L	AND & CA	TTLE
	Township:		Range:	17E	Name 2:						
Atlas Number:	-	Мар:	View P. Map	arcel	In C/O:						
Property Desci	ription: (W	nat is th	nis?)		Tax Bill Ma	iling A	ddre	ss			
N2 NE SE & SE		V & W2	NW & N	E NW	Address:		РО ВО	OX 1944	ŀ		
& N2 NE & SE N	IE 380AC				City:		SUPE	RIOR			
					State:		ΑZ				
					Zip Code:		85173	3			
Date of Sale:	Not Giver	າ			Property Address (Location):						
Sale Amount:	Not Giver	າ									
Document(s):					Subdivision	n:					
2004-021434					Unit:	Block		Lot:		Phase:	
								- CI: I		<u> </u>	

Document(s):			Subdivis	ion:		
2004-021434			Unit:	Block:	Lot:	
	Yes	No	Cabinet:		Slide:	
Widow		X				
Widower		X				
Disabled		X				
Senior Freeze		X				

Imp:	0.00	Item:		
Const	year:	0	Grnd Flr Perim:	0
Storie	es:		Total Sq. Ft.:	0

Parcel Size:	380.00	30.00				
Size Indicator:	Acres					
Tax Area Code:	0806 (Rates current as of 2013)					
Use Code:	0004					
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp					
Impr. Legal Class:						
Full Cash Value (FCV):	\$69,350.00	% COMPARABLE PROPERTIES				
Limited Value (LPV):	\$52,369.00					
Real Property Ratio:						
Assessed FCV:	\$10,403.00					
Assessed LPV:	\$7,855.00	_				

Attached Personal Property:	No Personal Property Listed

Parcel Search*

Imp: 0.00

Const year:

Stories:

Item:

0

Grnd Flr Perim: 0

0

Total Sq. Ft.:

Start a New Search

												_	
Sea	rch R	esults (1 E	Intries	5)								ор	en 📳
D Pare	cel De	etails (306	-25-0	060)								ор	en 🕸
		aluations are											ue may
not be r	eflected	in this data.	For upda	ited/corre	ect figures	, please refe	er to	the Tre	asurer's	office w	ebsite	Э.	
				Q.	Compar	able Proper	ties	G ₂ Li	nk to T	his Parce	el p	Print Vi	ew
Parcel N	umbe	r 306-25-00	60 shc			ng inform	atio	n for	Tax Y	ear: 20	17 ▼	Tax Year Ch	<u>iart</u>
Parcel N	lumbe	7: 306-25-0 Information		axing		Primar	y O	wner:	SWIF LLC	T CURR	ENT I	LAND & C	ATTLE
Section:	33	Township:	08S	Range	: 17E	Name 2	2:						
Atlas Nu	ımber:	: -	Мар:	View F Map	<u>Parcel</u>	In C/O	:						
Property	Property Description: (What is this?)						Tax Bill Mailing Address						
SW SW 4	40AC					Addres	s:		PO BOX 1944				
						City:			SUPERIOR				
						State:			AZ				
						Zip Cod	de:		85173	3			
Date of	Sale:	Not Give	n			Proper	ty A	ddres	s (Loc	ation):			
Sale Am	ount:	Not Give	n										
Docume	nt(s):					Subdiv	isio	n:					
2004-021	.434					Unit:		Bloc	k:	Lot:		Phase:	
				Yes	No	Cabine	t:			Slide:			
Widow					Χ								
Widow	er				Х								
Disable	ed				Χ								
Senior	Freeze	e			Х								

1	in
- 1	12

Parcel Size:	40.00						
Size Indicator:	Acres	cres					
Tax Area Code:	0806 (Rates current as of 2013)						
Use Code:	0004						
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp						
Impr. Legal Class:							
Full Cash Value (FCV):	\$28,908.00	% COMPARABLE PROPERTIES					
Limited Value (LPV):	\$21,830.00						
Real Property Ratio:							
Assessed FCV:	\$4,336.00						
Assessed LPV:	\$3,274.00						

Attached Personal Property:	No Personal Property Listed	

Parcel Search*

Start a New Search

D

Search Results (1 Entries)

Parcel Details (306-33-0090)

open	÷
open	+

Previous year valuations are subject to change as prescribed in the Arizona Revised Statutes. All changes in value may not be reflected in this data. For updated/correct figures, please refer to the Treasurer's Office website.

Somparable Properties	S Link to This Parcel	占 Print View

Parcel Number 306-33-0090 shows the following information for Tax Year: 2017 ▼ Tax Year Chart

Parcel Number: 306-33-0090 (Taxing Information)			Primary Owner	SWIFT CURRENT LAND & CATTLE			
Section:		Township:		Range:	17E	Name 2:	
Atlas Nu	mber:	-	Мар:	View Pa	arcel	In C/O:	
Property Description: (What is this?)			Tax Bill Mailing Address				
THAT PRT OF NW LYING N & W OF HWY 177 R/W				HWY 17	7 R/W	Address:	PO BOX 1944
SEC 18-8	SEC 18-8S-17E 30.00 AC + OR -			City:	SUPERIOR		
						State:	AZ
						Zip Code:	85173

Date of Sale:	Not Given			Property Address (Location):			
Sale Amount:	Not Given						
Document(s):				Subdivis	ion:		
2004-021434				Unit:	Block:	Lot:	Phase:
		Yes	No	Cabinet:		Slide:	

Widower X

Disabled X

Senior Freeze X

Imp:	0.00	Item:		
Const	year:	0	Grnd Flr Perim:	0
Storie	es:		Total Sq. Ft.:	0

Parcel Size:	30.00	
Size Indicator:	Acres	
Tax Area Code:	0802 (Rates current as of 2013)	
Use Code:	0004	
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp	
Impr. Legal Class:		
Full Cash Value (FCV):	\$30,879.00	% COMPARABLE PROPERTIES
Limited Value (LPV):	\$23,318.00	
Real Property Ratio:		
Assessed FCV:	\$4,632.00	
Assessed LPV:	\$3,498.00	

Attached Personal Property:	No Personal Property Listed	

Parcel Search*

Start a New Search

à
1

Search Results (1 Entries)

Parcel Details (306-33-0100)

open	+
open	+

Print View

Previous year valuations are subject to change as prescribed in the Arizona Revised Statutes. All changes in value may not be reflected in this data. For updated/correct figures, please refer to the Treasurer's Office website.

Comparable Properties	% Link to This Parce

Parcel Number 306-33-0100 shows the following information for Tax Year: 2017 ▼ Tax Year Chart

Parcel Number: 306-33-0100 (Taxing Information)					
Section:		Township:		Range:	17E
Atlas Nu	mber	-	Мар:	<u>View Pa</u> Map	<u>arcel</u>
Property Description: (What is this?)					
THAT PRT OF N1/2 OF SEC 18-8S-17E LYING E OF W LINE OF HWY 177 R/W LINE EXC FOR S1/2 OF					

NE THEREOF SEC 18-8S-17E 104.00 AC + OR -

Primary Owner:	SWIFT CURRENT LAND & CATTLE	
Name 2:		
In C/O:		
Tax Bill Mailing Address		
Address:	PO BOX 1944	
City:	SUPERIOR	
State:	AZ	
Zip Code:	85173	

Date of Sale:	Not Given			Property Address (Location):					
Sale Amount:	Not Given								
Document(s):				Subdivis	ion:				
2004-021434				Unit:	Block:	Lot:	Phase:		
		Yes	No	Cabinet:		Slide:			

Widow Χ Widower Χ Disabled Χ Senior Freeze Χ

Im	ıp:	0.00	Item:		
Со	nst	year:	0	Grnd Flr Perim:	0
Sto	orie	s:		Total Sq. Ft.:	0

Parcel Size:	104.00						
Size Indicator:	Acres						
Tax Area Code:	<u>0802</u> (Rates current as of 2013)	0802 (Rates current as of 2013)					
Use Code:	0004	0004					
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp						
Impr. Legal Class:							
Full Cash Value (FCV):	\$107,047.00	% COMPARABLE PROPERTIES					
Limited Value (LPV):	\$80,835.00						
Real Property Ratio:							
Assessed FCV:	\$16,057.00						
Assessed LPV:	\$12,125.00						

Attached Personal Property:	No Personal Property Listed	
4		

D 1 Coorah*

Senior Freeze

Parcel Sear	cn*							Start	a New S	earch]	
Search R	esults (1 E	ntries	s)								oper	n 🖶
Parcel De	etails (307	'-05-0	020)								oper	1
Previous year vonot be reflected												e ma
			%	Compara	able Prope	<u>rties</u>	ඉ Li	nk to T	his Parce	ı	Print Viev	w
Parcel Number	r 307-05-0 0	20 sho	ws the 1	followi	ng infor	nati	on for	Tax Y	ear: 20	17 ▼	Tax Year Char	<u>rt</u>
Parcel Numbe	7: 307-05-0 Information	0020 (<u>Ta</u>	axing		Prima	ry O	wner:	SWIF LC	T CURRI	ENT L	AND & CA	TTL
Section: 03	Township:		Range:	17E	Name							
Atlas Number:	-	Мар:	View Pa	<u>arcel</u>	In C/) :						
Property Desc	ription: (W	hat is th	nis?)		Тах В	ill M	ailing /	Addre	ss			
SW SW 40AC					Address: PO BOX 1944							
					City:			SUPE	RIOR			
					State:			AZ				
					Zip Co	de:		85173	3			
Date of Sale:	3/26/200	4			Prope	rty A	Addres	s (Loc	ation):			
Sale Amount:	\$3,500,0	00.00										
Document(s):					Subdi	/isio	n:					
2004-021434					Unit:		Block	(:	Lot:		Phase:	
			Yes	No	Cabin	et:			Slide:			
Widow				Χ								
Widower				Χ								
Disabled				Χ								

Imp:	0.00	Item:		
Cons	t year:	0	Grnd Flr Perim:	0
Stori	es:		Total Sq. Ft.:	0

Χ

Parcel Size:	40.00						
Size Indicator:	Acres	Acres					
Tax Area Code:	0806 (Rates current as of 2013)						
Use Code:	0004						
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp						
Impr. Legal Class:							
Full Cash Value (FCV):	\$84,680.00	% COMPARABLE PROPERTIES					
Limited Value (LPV):	\$63,945.00						
Real Property Ratio:							
Assessed FCV:	\$12,702.00						
Assessed LPV:	\$9,592.00						

Attached Personal Property:	No Personal Property Listed

Parcel Search*

Senior Freeze

Start a New Search

Parcer Searc	211 ·							Start	a New S	earcn		
Search Re	esults (1 E	ntries	;)								ор	en 🖶
Parcel De	tails (307-	-05-00	040)								ор	en 📳
Previous year va												ıe ma
Parcel Number	307-05-004	10 sho			ng infor				his Parce		Print Vi	
Parcel Number	307-05-00 Information	040 (<u>Ta</u> n)	axing		Prima	ry O	wner:	SWIF	T CURR	ENT L	AND & C	ATTL
	Township:		Range:	17E	Name							
Atlas Number:	-	Мар:	<u>View Pa</u> Map	arcel	In C/	D :						
Property Desci	ription: (Wh	at is th			Тах В	ill M	ailing	Addre	ss			
E2 NW					Addre	ss:		РО ВО	OX 1944			
					City:			SUPE	RIOR			
					State:			AZ				
					Zip Co	de:		85173	3			
					7.							
Date of Sale:	3/26/2004	ļ			Prope	rty A	Addres	s (Loc	ation):			
Sale Amount:	\$3,500,00	0.00										
Document(s):					Subdi	visio	n:					
2004-021434					Unit:		Bloc	k:	Lot:		Phase:	
			Yes	No	Cabin	et:			Slide:			
Widow				Χ								
Widower				Х								
Disabled				Χ								

Imp:	0.00	Item:		
Cons	t year:	0	Grnd Flr Perim:	0
Stori	es:		Total Sq. Ft.:	0

Χ

Parcel Size:	80.52					
Size Indicator:	Acres					
Tax Area Code:	0806 (Rates current as of 2013)					
Use Code:	0004	0004				
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp					
Impr. Legal Class:						
Full Cash Value (FCV):	\$135,193.00	% COMPARABLE PROPERTIES				
Limited Value (LPV):	\$102,089.00					
Real Property Ratio:						
Assessed FCV:	\$20,279.00					
Assessed LPV:	\$15,313.00					

Attached Personal Property:	No Personal Property Listed

Disabled

Senior Freeze

Parcel Searc	h*							Start	a New Se	earch	
Search Re Parcel Det	-		-								open •
Previous year val not be reflected i											
			%	Compar	able Proper	<u>ties</u>	& Lin	k to T	his Parce	-	Print View
Parcel Number	307-05-00	50 sho	ws the	followi	ng inform	atio	on for T	ax Y	ear: 20:	17 ▼ <mark>I</mark>	ax Year Chart
Parcel Number	307-05-0		axing		Primar	у О	wner:	SWIF _C	T CURRE	NT L	AND & CATTI
Section: 04	Township:	09S	Range:	17E	Name :	2:					
Atlas Number:	-	Мар:	View Page Map	<u>arcel</u>	In C/O	:					
Property Descr	iption: (W	nat is th	nis?)		Tax Bill Mailing Address						
SW NW & LOT 4	80.52AC				Address: PO BOX 1944						
					City:			SUPE	RIOR		
					State:			ΑZ			
					Zip Cod	le:		8517	3		
Date of Sale:	3/26/2004	4			Proper	ty A	Address	(Loc	ation):		
Sale Amount:	\$3,500,00	00.00									
Document(s):	Subdiv	isio	n:								
2004-021434					Unit:		Block		Lot:		Phase:
			Yes	No	Cabine	t:	•	•	Slide:		•
Widow				Χ		•					
Widower				Х							

Imp	0.00	Item:		
Cons	t year:	0	Grnd Flr Perim:	0
Stor	es:		Total Sq. Ft.:	0

Χ

Χ

Parcel Size:	80.52					
Size Indicator:	Acres					
Tax Area Code:	0806 (Rates current as of 2013)					
Use Code:	0004					
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp					
Impr. Legal Class:						
Full Cash Value (FCV):	\$135,193.00	% COMPARABLE PROPERTIES				
Limited Value (LPV):	\$102,089.00					
Real Property Ratio:						
Assessed FCV:	\$20,279.00					
Assessed LPV:	\$15,313.00					

Attached Personal Property:	No Personal Property Listed

Disabled

Senior Freeze

Parcel Searc	ch*						Star	a New S	earch		
	sults (1 Ent		-							ор	en 👃
Previous year va not be reflected											ie may
			%	Compara	ble Propertie	es &	Link to	This Parce	el d	Print Vi	ew
Parcel Number	307-05-0060) sho	ws the f	followir	ng informa	tion f	or Tax \	'ear: 20	17 ▼	Tax Year Ch	<u>art</u>
Parcel Number	307-05-006 Information)		nxing		Primary	Owne	er: SWII	T CURR	ENT L	AND & C	ATTLE
Section: 04	Township: 09	9S	Range:	17E	Name 2:						
Atlas Number:	- 1	Чар :	View Pa	arcel	In C/0:						
Property Desci	ription: (What	t is th	is?)		Tax Bill	Mailir	ng Addre	ess			
SW & W2 NW S	E & SW SE 22	0AC			Address: PO BOX 1944						
					City:		SUP	RIOR			
					State:		AZ				
					Zip Code	e:	8517	3			
	<u>, </u>				7.						
Date of Sale:	3/26/2004				Property	/ Addr	ess (Lo	cation):			
Sale Amount:	\$3,500,000.	.00									
Document(s):					Subdivis	ion:					
2004-021434					Unit:	Ble	ock:	Lot:		Phase:	
		,	Yes	No	Cabinet:			Slide:			
Widow				X							
Widower				X							

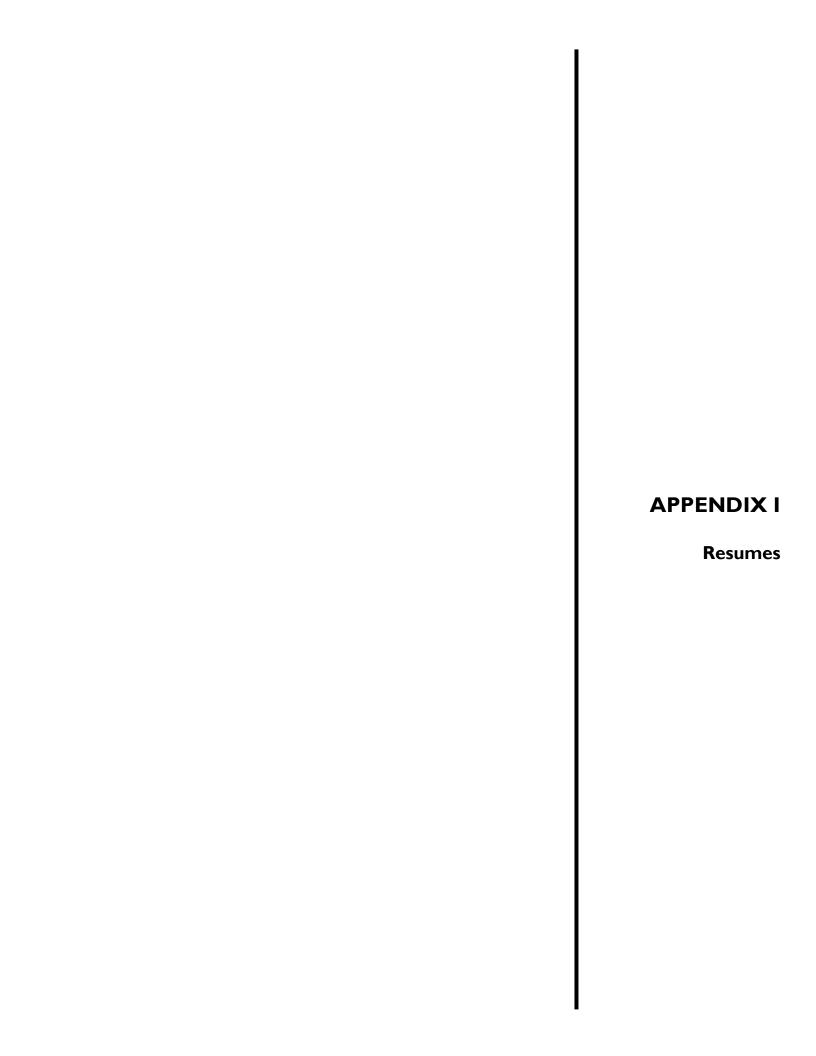
Im	ıp:	0.00	Item:		
Со	nst	year:	0	Grnd Flr Perim:	0
Sto	orie	s:		Total Sq. Ft.:	0

Χ

Χ

Parcel Size:	220.00						
Size Indicator:	Acres						
Tax Area Code:	0806 (Rates current as of 2013)	0806 (Rates current as of 2013)					
Use Code:	0004						
Land Legal Class:	02RL - Vacant Land / Non-Profit Imp						
Impr. Legal Class:							
Full Cash Value (FCV):	\$321,200.00	% COMPARABLE PROPERTIES					
Limited Value (LPV):	\$242,550.00						
Real Property Ratio:							
Assessed FCV: \$48,180.00							
Assessed LPV:	\$36,383.00						

ached Personal Property: No Personal Property Listed	





Education:

- MBA, University of Arizona
- BS, Civil Engineering, University of Arizona

Special Expertise:

- Environmental Site Assessments
- Energy Efficiency Analysis
- Water System Modeling and Pipe Network Analysis
- Large Water System Master Planning
- Water Pumping Facility Design and Permitting
- Site Civil Engineering
- Well Design and Permitting
- Reservoir Design and Analysis
- Infrastructure Route Studies
- Potable/Reclaimed Water Main Extensions
- Water and Wastewater Treatment Design
- Reclaimed/Sewer System Planning
- Contract Preparation and Bidding Services
- Construction Administration
- Water System Training
- Loan and Grant Application Preparation

Registration / Certification:

- Arizona #22999, 1989
- California #44219, 1989
- Nevada #09281, 1991
- New Mexico #14546, 1999

Professional Affiliations:

- Board Member Citizen's Water Advisory Committee to the City of Tucson
- Finance Subcommittee Member Citizen's Water Advisory Committee to the City of Tucson

Background:



Mark Taylor is an engineering Principal and one of WestLand's founders. He has over 30 years of experience in water resources and wastewater systems engineering, including the design of water and wastewater systems for large, multi-disciplinary public works projects, master-planned communities, private water company master planning/energy efficiency evaluation, and the mining industry. Mark is responsible for the development of water system master plans; water policy, energy efficiency studies, well, reservoir, booster station, and transmission main design; water treatment design; and the assessment of rates and development impact fees for private and municipal clients. He is also experienced with wastewater master plan preparation, energy efficiency and feasibility studies, system modeling and simulation, and capacity analyses. Mark has

provided training and presentations on water and wastewater system and energy efficiency topics in numerous forums. Mark acts as the Environmental Professional in overseeing and certifying Phase I Environmental Site Assessments (ESAs) for WestLand. He meets the education, training, and experience requirements as set forth in the All Appropriate Inquiry Rule (40 CFR §312.10(b)).

Mr. Taylor has conducted and certified numerous Phase I Environmental Site Assessments at various locations in Arizona for the past 12 years. Sites have included rural ranchlands, neighborhood areas, health centers, automotive and other commercial sites, transportation corridors, and industrial and mine properties. Experience includes site reconnaissance and characterization, environmental record sources review, personal interviews, identification of potential contaminate migration, and historical review in determination of potential recognized environmental conditions. Mr. Taylor has acted as the principal reviewer for technical reports.



Selected Experience:

Sahuarita Water Arsenic Treatment. *Principle in Charge* of the design and project coordination to construct an arsenic treatment facility for Sahuarita Water Company. The new 2,000 gpm adsorption arsenic treatment facility utilized a newly manufactured regenerable adsorptive media which meets both NSF and ADEQ requirements. Extensive coordination was required with many design professionals, water company staff, vendors, contractors, and regulators to accomplish this task. This facility will be the first adsorptive plant to implement the regenerable media and pilot testing was conducted to verify the overall performance against existing disposable media. Deliverables included a treatment system option evaluation, design report, an opinion of probable construction cost, and final plans and specifications. The facility was designed to be expandable for future needs. WestLand also provided construction bidding services for this project.

Las Quintas Serenas Water Company Arsenic Treatment and Well Site Upgrades; Green Valley, Arizona; Las Quintas Serenas Water Company. *Principal in Charge* of the design of arsenic treatment and water plant upgrades for Well Nos. 6 and 7. These included an iron media adsorption arsenic treatment system, a 400,000-gallon storage tank, and a 1,250-gpm variable-frequency-drive (VFD) transfer booster station. A new 2,500-lineal foot, 8-inch dedicated transmission water main was designed to connect Well No. 7 to the Well No. 6 site. Raw water from either or both wells is treated through the arsenic system at the Well No. 6 site, sent to fill the new tank, and pumped via the transfer booster station into the distribution system. Services provided by WestLand included site layout and grading; site piping and valving layout and sizing; preparation of booster pump and motor design specifications; and hydropneumatic tank design and associated equipment. WestLand prepared the design report, final plans and specifications, and engineer's opinion of probable construction cost.

Town of Oro Valley Potable Water Master Plan; Oro Valley, Arizona; Town of Oro Valley Water Utility. *Principal in Charge* of the development of a water system master plan whose scope was divided into four tasks. Task 1 consisted of public outreach and coordination with the Town, during which WestLand maintained a complete file of all correspondence, agendas, meeting minutes, memoranda, and data throughout the duration of the project. Task 2 involved the development of a project scope and approach, including the definition of key issues such as the geographic boundaries of the service area, the planning horizon, and the long-term goals of the water utility. Task 3 was the synthesis of the regulatory requirements and restraints, and the incorporation of these regulatory components into the design approach for the master plan. Task 4 consisted of the identification of the infrastructure required to correct existing system deficiencies and a determination of the future infrastructure required to support development within the ultimate Town service area.

City of Nogales Arsenic Treatment City of Nogales Utilities Department. *Principal in Charge* of the development of design criteria for arsenic treatment at the Meadow Hills Wells Nos. 1 and 3 and Coronado Well No. 1. The Meadow Hills wells pump directly into the water distribution system and fill the existing City of Nogales North Zone storage tank, while the Coronado well pumps to the existing High School storage tank located in the City of Nogales Downtown Pressure Zone. All three wells required arsenic treatment in order to meet the new EPA arsenic standard. Arsenic treatment consisted of a dual-vessel iron-media adsorption system located at each well site.

Northwest CAP Delivery System Preliminary Route Evaluation and Analysis; Northwestern Pima County; Northwest Water Providers. *Principal in Charge*. For over a decade, the Flowing Wells Irrigation District, Metropolitan Domestic Water Improvement District, Town of Marana, and Town of Oro Valley have worked collaboratively to develop a sustainable water supply for their customers. This effort has evolved over time to focus on the establishment of a water delivery system to deliver Central Arizona Project water to northwestern Pima County. As part of this effort, Mr. Taylor served as Principal-in-Charge of the development of a route analysis for the delivery system that would allow for the direct use of CAP water by each partner. The project consisted of three planning/engineering tasks: Task 1 – preliminary route evaluation, screening, and route evaluation matrix preparation; Task 2 – technical evaluation of alternative routes; and Task 3 – final route evaluation. Five potentially feasible routes were reviewed during the preliminary evaluation and screening process, two of which were identified for more detailed study.



Community Water Wells Nos. 10 and 11 Reservoir, Arsenic Treatment, Booster Station, and Transmission Main; Green Valley, Arizona; Community Water of Green Valley. *Principal in Charge* of the design of Community Water Well Nos. 10 and 11 sites, including arsenic treatment facilities, new 300,000-gallon forebay reservoirs, and booster pump stations. The new wells were designed to pump through a Layne Christensen coagulation filtration arsenic treatment process into onsite forebay reservoir. The reservoirs provide treated source water to booster stations that pump through dedicated well transmission mains to fill the Community Water Reservoirs No. 2 and No. 3. WestLand prepared the design report, final plans and specifications, and engineer's opinion of probable construction cost. Services provided by WestLand included site layout and grading; site piping and valving layout and sizing; preparation of well pump, column, and motor design specifications; and hydropneumatic tank design and associated equipment. In addition, several miles of 16-inch water main were designed to transport treated potable water to the Community Water reservoirs.

Red Rock Water Plant No. 1 Nitrate Treatment Plant; Pinal County, Arizona; Red Rock Utilities, LLC. Principal in Charge of the design of a nitrate treatment facility to mitigate the tested nitrate concentration of 10 to 12 parts per million at Water Plant No. 1. (The current primary maximum nitrate concentration limit is 10 ppm.) The treatment facility was installed at the discharge of the existing wellhead to treat half the full flow of 800 gpm to an approximate final mixed (half treated, half bypassed) nitrate concentration of 8 ppm. The facility consists of four steel filtration vessels that contain a chloride form of anion exchange resin media. Nitrate ions are exchanged onto the media releasing chloride ions resulting in a reduced nitrate concentration in the treated water. The media is then backwashed with a sodium chloride brine solution to remove the nitrate ions and replace them with fresh chloride ions. The spent brine backwash water is sent to a holding tank for continuous low-flow disposal to the public sewer system. The treated water is sent to an existing onsite forebay reservoir.

Freeport-McMoRan Sierrita, Groundwater Mitigation Project. *Principal in Charge*. WestLand prepared design plans and specifications for a groundwater mitigation project to intercept groundwater from the mine site and deliver it back to the plant site to implement best environmental management practices. The project consisted of the site and equipping design for 19 new groundwater wells, a 350,000-gallon open-top welded steel reservoir, a 10,500 gpm booster station, and 13.2 miles of 8- to 36-inch HDPE pipeline. The project also included medium voltage transmission, distribution, and switchgear design, instrumentation and control for wells and booster station sites, Operation and Maintenance Manual, surge analysis, detailed cost estimates, and environmental permitting. WestLand is providing bidding assistance and construction period services for shop drawing reviews.

Freeport-McMoRan Sierrita – SXEW Facility Filtration Plant. *Principal in Charge* of the design and project coordination to construct a filtration facility for the Freeport McMoran (FMI) solvent extraction and electro winning (SXEW) processing plant. The new filtration system consisted of two 10,000 gallon stainless steel filters to remove organics from the SXEW process effluent prior to further processing at the crystal plant. The process included a 290 gallons per minute (gpm) variable frequency drive (VFD) pump station pumping the pregnant liquor through the filtration plant to remove the organics from the system and backwash the organics to waste. The project included design of the pumping system, piping, valving, backwash system, control system, air-blower/scour system and structural design of slab and tanks.

Freeport-McMoRan Sierrita. Potable Water Wells, Booster Station, Reservoir and Arsenic Treatment Systems. *Principal in Charge* for scope of services included preparation of design documents and bidding and construction period services for the design of two new water plant sites, each of which included a new 2,500 gpm variable frequency drive, potable water wells, a coagulation-filtration arsenic treatment plant, 300,000-gallon forebay reservoir, and 2,500 gpm booster station. This project also included two miles of 16-inch transmission pipeline, including borings for interstate and wash crossings. WestLand also provided cultural resource surveys, native plant and environmental surveys, and mitigation.

Tonopah Desert Recharge Project – Recovery Wellfield and Treatment Plant. *Principal in Charge*. The Tonopah Desert Recharge Project (TDRP) is a facility owned by the Central Arizona Project (CAP) to recharge and bank Colorado River water into the west Salt River Valley Groundwater Basin. WestLand developed conceptual designs for a recovery



wellfield and arsenic/fluoride treatment plant to recover banked water from the aquifer and return it to the CAP canal. The project included the design of 9 wells with 2,750 gpm of flow each, which are to be constructed in 3 phases over 20 years as the project's recovery requirements increase. The arsenic/flouride treatment plant is also designed to ramp up its treatment capacity in phases as both the volume of water treated and the concentration of contaminants increase. Ultimately the wellfield is designed to recover 480,000 acre-feet of water over the life of the project. These designs, as well as capital costs and operations and maintenance costs, were presented in a report prepared for CAP. This project was completed in cooperation with CAP and Montgomery and Associates.

Red Rock Nitrate Treatment. *Principal in Charge* of the design and project coordination to construct an 800 gpm nitrate treatment plant. The nitrate treatment facility consists of steel filtration vessels which contain a chloride form of anion exchange resin media. The system is designed so that only enough of the stream is treated to meet the 8 mg/l nitrate goal by continuously testing the nitrate level in the blended water. The treated water is sent to an existing storage reservoir for distribution. Extensive coordination was required with many design professionals, water company staff, vendors, contractors, and regulators to accomplish this task.

University of Arizona Tech Park - Independent Audit of Drinking Water System 20-567. *Principal in Charge.* WestLand provided an audit/evaluation of the drinking water sampling plan and locations currently used by the Project. Recommendations for testing were made and new locations were suggested for some of the current sampling I.D. points to prevent any false readings or sampling of water that is outside of the responsibility of the Project facilities management.

Red Rock Utilities 208 Plan Amendment; Pinal County, Arizona; Red Rock Utilities, LLC. *Principal in Charge* of the development of a 208 Plan Amendment that addresses the sanitary sewage collection, treatment, and disposal needs of a 1,300-acre residential, commercial, and industrial-use project in southern Pinal County. The plan amendment describes the 20-year needs of the development, including existing water reclamation facilities and planned expansions and improvements; the types of permits needed, including NPDES, APP, and reuse; construction priorities and schedules for completion; implementability; financing measures; and public participation. Total buildout capacity for the planning area is estimated to be 7.35 million gpd, and to meet the growing needs of the development, a 1.5-million-gpd expansion is required to the current sequencing batch reactor water reclamation facility, followed by an additional 1.5-million-gpd expansion and the construction of at least one additional water reclamation facility. Generally, onsite gravity sewers will collect the sanitary sewage and convey that flow to an existing or proposed wastewater reclamation facility, although sewage lift stations and force mains may be necessary.

Town of Patagonia Wastewater Treatment Facility; Patagonia, Arizona; Town of Patagonia. *Principal in Charge* of assisting the Town of Patagonia in the replacement of its aging wastewater treatment plant with an extended aeration plant with a capacity of 120,000 gpd. The replacement plant was designed to handle anticipated growth within the service area and was constructed to treat an average of 110,000 gpd of effluent. Other facilities constructed as part of the design included an anoxic basin, two aeration basins, a new blower, a belt press for sludge processing, a new sewer lift station, and a new headworks with flow meter and screenings removal.



CHRISTOPHER E. RIFE, MS



Phase 1 ESA Specialist

Experience: 12+ Years

Education:

- MS, Environmental Policy and Management/University of Denver
- BA, Philosophy/Humboldt State University
- Additional Coursework in Hazardous Materials Management and Wetlands Science

BACKGROUND:

Mr. Rife is a Senior Project Manager in the Environmental Services Group. He specializes in regulatory compliance for environmental and engineering projects at industrial, commercial, residential, and transportation sites. His areas of expertise include water resources permitting, environmental resources plans and studies, and environmental site assessments. He has over 20 years of experience in federal and state environmental regulatory programs covering a broad range of business sectors. His Phase I Environmental Site Assessment (ESA) experience includes underground storage tank (UST) investigations, solid and hazardous waste, and health and safety audit services. He has over 12 years of experience conducting ESAs and has been responsible for ESA projects for more than 350 broad-ranging sites, including public, private, and industrial properties; solid waste facilities; mines; and he has conducted pilot-scale testing of remedial systems.

SELECTED EXPERIENCE:

Resolution Copper Mine Site; Superior, Arizona. Task Manager. Mr. Rife conducted Environmental Site Assessments and Ecological Overview studies for a set of private properties contemplated for purchase by the client in anticipation of a land exchange for targeted public lands. He visited the remote, rural sites to assess potential for environmental liabilities, compiled environmental setting information to combine with biological data from technical specialists, and authored reports. The land exchange was recently approved, and Mr. Rife provided technical review of updates to the original reports.

Vigneto Development; Benson, Arizona. Senior Technical Reviewer. Mr. Rife participated in site visits and provided senior technical review of a Phase I Environmental Site Assessment of 12,500 acres proposed for residential development in southern Arizona. The property is largely undeveloped, although portions are used for cattle ranching and it is crossed by electrical transmission lines and a buried natural gas pipeline, a highway, and an abandoned railroad line. No recognized environmental conditions were identified during the assessment.

Miami Mine; Miami, Arizona. Project Manager. Mr. Rife has completed several projects at this legacy copper mine in southern Arizona. He recently managed Phase I Environmental Site Assessments for two properties owned by the client and intended for divestment. One of the properties had been used by the Arizona National Guard as an armory administrative center, whereas the other was a company recreation site, including a drive-in movie theater. No recognized environmental conditions were identified at either property.

Hazardous Waste Sites; Confidential Client, United States. Task Manager. Mr. Rife was the principal internal reviewer of Phase I Environmental Site Assessment reports for 60 hazardous waste collection sites, transfer facilities, incinerators, and landfills on behalf of client bidding to purchase portfolio. The work included fast-track mobilization of field investigators from offices across the country; coordination of document review, reporting, and responding to client inquires; and strict confidentiality protocols. (Services provided at previous firm.)



Christopher E. Rife, page -2-

Newmire Smelter Site; Telluride, Colorado. Project Manager. Mr. Rife managed a permitting project for site remediation activities required under an agreement with the State of Colorado. Technical work included a biological evaluation, archaeological studies, jurisdictional delineation, and site revegetation design after closure. Mr. Rife was instrumental in redesigning engineering plans for the remediation effort to avoid impacts to Waters of the United States, thereby avoiding a requirement for authorization under the Clean Water Act Section 404 program.

Former Satralloy Site; Steubenville, Ohio. Project Manager. Mr. Rife is currently serving as permitting manager for a team conducting interim actions for a remedial investigation/feasibility study (RI/FS) of an abandoned chromium smelter site in eastern Ohio. Assignments have included environmental permitting support in regard to state and federal wetlands and waterways programs, and engineering support for infrastructure improvements to facilitate transportation to the site. Mr. Rife was responsible for environmental support activities, including compliance with the federal Clean Water Act Section 404 program and state isolated wetlands permit program. Federal- and state-jurisdictional wetlands and waterbodies are present and may be filled by future project actions. A preconstruction notification under the Section 404 Nationwide Permit 38, Cleanup of Toxic and Hazardous Waste, has been prepared and submitted to the U.S. Army Corps of Engineers to authorize placement of fill in waters of the United States for the remedial actions. The documentation included a jurisdictional delineation, biological evaluation, and cultural resources review. Mr. Rife's work has also supported an Ecological Risk Assessment conducted by others on the project team. Mr. Rife also oversaw transportation-engineering assignments, including railroad and bridge design, to allow heavy equipment and materials to be transported to and from the site for the RI/FS. (Transportation services provided at previous firm.)

Industrial Site Expansion; Cochise County, Arizona. Project Manager. Mr. Rife was responsible for preparing an Environmental and Social Impact Assessment for a substantive expansion of an industrial site in southeastern Arizona. The document allowed project reviewers—corporate decision-makers and financiers—to understand the potential impacts to environmental and social resources that may result from the project. The assessment was modeled after a National Environmental Policy Act Environmental Assessment, but was for internal use only. It relied upon existing environmental permitting and planning documents, supplemented by WestLand's research and site-specific studies of resources not previously addressed, such as traffic and visual impacts. Mr. Rife was responsible for scoping the assessment, conducting the existing report review, researching additional information, and writing the report.



DIANA L. SANDOVAL, MA



Senior Environmental Project Manager

Experience: 12+ Years

Education:

- MA, Land Use and Community Planning/Northern Arizona University With Distinction
- BSc, Regional Development/University of Arizona CumLaude
- ATSM Phase I and Phase II Environmental Site Assessments for Commercial Real Estate Workshop

Registration / Certification:

- Mine Safety and Health Administration Certification
- 90-hour Real Estate Pre-licensing

BACKGROUND:

Diana Sandoval is a senior environmental project manager with a master's degree in land use and community planning and 12 years of regulatory compliance and permitting services related to land use and transportation planning, distribution/ transmission power planning, renewable energy projects, mining expansions, and residential and commercial development. She offers clients coordinated and collaborative project leadership required to address multiple stakeholders. She has experience with both small- and large-scale projects involving federal, state and local requirements. Her expertise is in Phase I Environmental Site Assessments, Clean Water Act Permitting, Endangered Species Act compliance, National Environmental Policy Act documentation, Arizona State Land Department authorization and local riparian and zoning processes.

Ms. Sandoval has prepared numerous Phase I Environmental Site Assessments (ESAs) for various property types pursuant to American Society for Testing and Materials (ASTM) standards E1527-05, 1527-13 and E2247-08. She has also completed Preliminary Initial Site Assessments (PISAs) for public roadway projects prepared in accordance with Arizona Department of Transportation/Federal Highway Administration requirements and Environmental Assessment and Mitigation Reports (EAMRs). Ms. Sandoval has completed ASTM technical and professional training for Phase I and ILESAs.

SELECTED EXPERIENCE:

Environmental Compliance for University of Arizona Science and Technology Park (UA Tech Park), Pima County, Arizona. Provides on-call services for UA Tech Park addressing federal, state and local development project environmental clearances and risk reduction. Ms. Sandoval has documented compliance with CWA Section 404 under preliminary JD; obtained concurrence from the Corps of no-jurisdictional waters for the UA Tech Park property; oversaw cultural resource survey and data recovery in accordance with current archaeological standards in a manner that would conform to National Historic Preservation Act (NHPA) standards; completed biological evaluations, including surveys for listed plant species and surveys for the western burrowing owl; and prepared Phase I ESAs for prospective tenants within the Solar Zone. Ms. Sandoval has also assisted with development of formal environmental planning protocols and guidance for the UA Tech Park Master Plan. She has provided environmental documentation to support demonstration of NEPA project readiness for Department of Transportation grant applications.



UA Tech Park at Rita Road Phase I ESA. Conducted a Phase I ESA for approximately 780 acres including a former industrial manufacturing facility and recently a multi-tenant commercial office and limited production technology research facility, office spaces, laboratory spaces, undeveloped open space, and recreational facilities. Assessment included review of prior complex prior site assessments, tank farms, chemical storage and distribution areas, railroad spur, closed industrial wastewater system and monitoring wells.

Pinal Central Substation to the Tortolita Substation Transmission Line Project, Tucson Electric Power (TEP), Pinal County, Arizona. Project Manager. Managed environmental regulatory compliance for TEP transmission line project, which runs approximately 41 linear miles in Pinal County. Assisted TEP in addressing NEPA, National Historic Preservation Act, CWA, Endangered Species Act (ESA), migratory bird protection, Arizona Pollutant Discharge Elimination System, State Native Plant Preservation and more. Coordinated with various federal entities and land management agencies to obtain all agreements, required permits and compliance documentation; the transmission line will cross privately-owned lands, lands owned by the State of Arizona and managed by the Arizona State Land Department, federally owned lands managed by the Bureau of Reclamation and the San Carlos Irrigation Project, an agency of the Bureau of Indian Affairs. Ms. Sandoval obtained an Approved JD from the Corps regarding the absence of jurisdictional waters for the project, documented that project was not likely to not adversely impact federally protected species, coordinated with AGFD to conduct surveys for candidate species in anticipation of potential federal listing, addressed plant salvage considerations for protected native species including vegetation clearing projections, and addressed state and federal archeological clearance requirements. Presented methods and results at the Society for Ecological Restoration November 2014 annual conference for a project study that used remote sensing and predicted growth rates to assess saquaro conflict with the transmission lines over the next 20 years.

ADDITIONAL EXPERIENCE:

- Completed Phase I ESA for Pima County Community Development and Neighborhood Conservation Department for the Copper Vista I and II subdivisions to support compliance with the U.S. Department of Housing and Urban Development (HUD) Neighborhood Stabilization Program 2 requirements. Numerous environmental records were assessed pursuant to the findings of the government database records review including the Tucson International Airport Area (TIAA) superfund site.
- Prepared numerous Phase I ESA reports for the Pima County Department of Environmental Quality also
 considering non-scope items, classified as outside the standard practice including: potential asbestos-containing
 building materials, potential lead-based paint, health and safety concerns, high-voltage power lines, and
 ecological resources.
- Completed Phase I ESAs for linear transportation projects involving potential real estate transactions including the Town of Marana's project replacing the Ina Road bridge crossing over the Santa Cruz River and the Pima County's Department of Transportation's roadway improvement project along Tanque Verde Road between Catalina Highway and Houghton Road.
- Completed several PISAs in anticipation of ADOT funding including the Town of Marana's project to improve
 Tangerine Road between Interstate-10 and La Canada, a project crossing into multiple jurisdictions including
 Pima County and the Town of Oro Valley; and the Town of Sahuarita's project replacing the Pima Mine Road
 bridge crossing over the Santa Cruz River.
- Prepared Environmental Information Documentation (EID) and facilitated Environmental Protection Agency (EPA) review in accordance with Environmental Review Guide for Special Appropriations Grants for Pomerene Domestic Water Improvement District Drinking Water Quality Improvement Project.

Patrick A. Mette, PE Phase I ESA Specialist

Education:	Registration / Certification:
MS, Environmental Engineering, University of	• Arizona #66736, 2018
Arizona	
BS, Civil Engineering, University of Arizona	
Special Expertise:	
Water System Hydraulic Modeling	Preliminary Engineering Report & Grant Application
Water Pumping Facility Design and Permitting	Preparation
Well Design and Permitting	 Phase I Environmental Site Assessments (ESAs)
Water and Wastewater Treatment	Bentley WaterCAD
Hazardous Wastes	AutoCAD Civil 3D

Background:

Mr. Patrick Mette is a Civil and Environmental Engineer with experience in water system design, research, water treatment, construction inspections, Phase I ESAs, and non-profit engineering in developing communities. Mr. Mette performed as a field inspector for the Arizona Department of Transportation on several construction projects as an intern. He also worked as an undergraduate and graduate researcher at the University of Arizona for three years working on reverse osmosis, ion exchange, and solar membrane distillation projects in the lab and in the field, providing operation, analysis, design, and construction services. Mr. Mette spent nearly a year in the Andes Mountains of Bolivia working on rural water projects and providing training to Bolivian engineers on surveying, AutoCAD, and hydraulic modeling. While in school, Mr. Mette's coursework included water treatment, wastewater treatment, and hazardous waste management.

Since joining WestLand, Mr. Mette has worked on numerous projects designing booster stations and wells, analyzing water systems, developing hydraulic models, preparing preliminary engineering reports (PER), and developing cost estimates. He has also prepared technical memorandums on subjects ranging from "sewer pipe product comparisons" to "water system project prioritization". Mr. Mette has been working on Phase I ESAs with WestLand since 2016.

Selected Experience:

Phase I Environmental Site Assessment's in Cochise County; El Dorado Benson, LLC. *Engineering Technician*. WestLand assessed 4 properties and prepared 3 Phase I Environmental Site Assessments (ESA's) for El Dorado Benson, LLC.

Phase I Environmental Site Assessment for Montanas del Sol Property; Freeport McMoRan Sierrita Inc. *Engineering Technician.* WestLand assessed and prepared a Phase I Environmental Site Assessment (ESA) for FMI.

Phase I Environmental Site Assessment for Superior Airport Contiguous Parcels; Resolution Copper. *Engineering Technician.* WestLand assessed and prepared a Phase I Environmental Site Assessment (ESA) for Resolution Copper for a series of properties in Superior, Arizona.

Phase I Environmental Site Assessment for the Fairview Cemetery; Resolution Copper. *Engineering Technician*. WestLand assessed and prepared a Phase I Environmental Site Assessment (ESA) for Resolution Copper for a cemetery property in Superior, Arizona.

New Well and Water Main, BECC Funded Project; Whetstone Water Improvement District. *Project Manager*. WestLand is working with the Whetstone Water Improvement District (WWID) and the Border Environment Cooperation Commission (BECC) to fund four projects within the WWID water system that WestLand designed in order to address problems of insufficient system redundancy, declining well capacity, and aging infrastructure. WestLand coordinated with BECC to obtain funding for the design of the previously mentioned projects and is now working to obtain funding for their construction.



SAMANTHA BLONDER, MS



Environmental Specialist

Experience: 4 Years **Education:**

- MS, Environmental Science/Florida Gulf CoastUniversity
- BS, Biology/University of South Florida

Registration / Certification:

MSHA Certification

BACKGROUND:

Samantha Blonder is an Environmental Specialist with 4 years of experience gained while serving as a Research Assistant on projects for the Coastal Watershed Institute in Fort Myers, Florida, as an Argo Research Scientist for Heliae in Phoenix, Arizona, and as a Research Assistant-Team Lead while employed at Arizona State University. In 2016, Ms. Blonder served as a volunteer for Lead Adventures South America Galapagos Islands where she assisted in invasive species removal, cultural and environmental education outreach, and sustainable farming. In her role as an Environmental Specialist at WestLand, Ms. Blonder supports the environmental team working a wide variety of water focused projects with special expertise in: Endangered Species Act (ESA); National Environmental Policy Act (NEPA); Clean Water Act (CWA); Conservation Plans; Field Work; Data Collection and Data Entry; and Water Quality Collection and Analysis.

SELECTED EXPERIENCE:

Harquahala Valley Water Project Environmental Assessment. Environmental Specialist. WestLand Resources was hired by HVWP Management LLC to prepare an Environmental Assessment (EA) for the Harquahala Valley Water Project. The HVWP proposes to develop infrastructure required to pump groundwater from the Harquahala Irrigation Non-Expansion Area and to convey the pumped groundwater to the Central Arizona Project (CAP Canal). This project includes public scoping, an administrative draft of the EA, a draft EA for public comment, and a final EA.

Oro Valley Water Utility Northwest Recharge, Recovery and Delivery System (NWRRDS) Design. Environmental Specialist. The WestLand Resources and Carollo Engineering team was hired by the Town of Oro Valley for the design of the NWRRDS project. The team is providing design services for approximately 6-miles of transmission pipeline. Additionally, the team is designing the distribution main connections downstream of the proposed booster at Shannon into existing Oro Valley Water Utility distribution mains at Naranja and Tangerine Road.

Resolution Copper, LEX Phase I ESA Updates. Environmental Specialist. WestLand was contracted to conducted Phase I Environmental Site Assessments (ESAs) for a set of properties considered in the Resolution Project Land Exchange between Resolution Copper and two federal land management agencies. Work on this project includes environmental agency records review, interviews with persons familiar with the sites, site reconnaissance, and report preparation.