# Phase I Environmental Site Assessment Lower San Pedro River, Pinal County, Arizona

# Prepared for:



Resolution Copper 102 Magma Heights – Superior, Arizona 85173-2523

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WestLand Project Number: 13095



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# **EXECUTIVE SUMMARY**

WestLand Engineering & Environmental Services (WestLand) was contracted by Resolution Copper Mining, LLC (Resolution; a report "User") to perform a Phase I Environmental Site Assessment (ESA) for approximately 3,054 acres referred to as the Lower San Pedro River parcel ("the Property"; **Figure 1**). The Property is presently under non-federal ownership (Resolution) but is proposed as part of a land exchange with the Bureau of Land Management (BLM; a report "User") under the *Southeast Arizona Land Exchange and Conservation Act of 2013* (U.S. Congress 113<sup>th</sup>). The Property is a private landholding surrounded by rural residential, recreational/undeveloped land, or transportation corridors, west of the town of Mammoth, Arizona. The Property is located in portions of the following townships, ranges, and sections relative to the Gila and Salt River Meridian, in Pinal County, Arizona:

- Township 8 South, Range 16 East, a portion of Section 12
- Township 8 South, Range 17 East, portions of Sections 7, 17, 18, 19, 20, 21, 28, 29, 32, and 33
- Township 9 South, Range 17 East, portions of Sections 3 and 4

An aerial photo showing the boundary of the Property is included in **Figure 2**. **Figure 3** depicts surface management and land ownership of the Property and vicinity. Photographs depicting the site and vicinity are provided in **Appendix A** at the locations indicated in **Figure 4** 

The Property comprises 17 parcels; the Pinal County Assessor Parcel Numbers (APNs) for the Property are as follows:

Pinal County Assessor Parcel Numbers						
307-05-0020	307-05-0040	306-07-0060	306-25-0010	306-09-0030	306-07-003A	
307-05-0060	306-25-0060	306-07-0050	306-33-0090	306-07-002C	306-33-0100	
307-05-0050	306-07-0080	306-07-004A	306-07-002D	306-03-0020		

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

This Phase I ESA has been completed in accordance with the guidelines provided in the ASTM International (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property (ASTM E 2247-23). 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 REC is defined as "...(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to any release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum

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The Southeast Arizona Land Exchange and Conservation Act of 2013 is section 3003 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015.

products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment." A *de minimis* condition is not a recognized environmental condition.

# **Findings**

#### Environmental Liens/Activity and Use Limitations

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 on February 24, 2025, 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 with the Property.

#### Records Review

**Environmental Records**—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 completed on February 21, 2025, by conducting a search from the boundaries of the Property to the minimum search distance recommended by the ASTM standard. Several sites with records were identified within the searched distance from the Property, and a detailed REC evaluation was conducted for each. The records for the two sites that indicate a REC for the Property are:

- Phoenix Fuel (River Road and Arizona State Highway [SR] 77)—In 1994, a diesel fuel spill of 2,000 to 2,500 gallons was reported from a tank at this site, adjacent to the Property. While it is likely that this spill was remediated (as 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 Mammoth Cielo Wastewater Treatment Plant (Cielo 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. Mammoth operates the Cielo WWTP under APP Numbers P-101690 and P-105647 and an Arizona Pollutant Discharge Elimination System (AZPDES) Individual Permit, Minor WWTP Facility (AZ0025470). 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 Cielo WWTP is authorized to discharge to ephemeral washes that are tributaries to the 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 appears 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 and would thus be considered a controlled REC for the Property.

The EDR Orphan Summary list identifies six records associated with un-mappable sites ("orphan" sites) in the vicinity of the Property. Based on WestLand's research of this list, these sites would not likely indicate any RECs for the Property due to the nature of the listings and/or their distance from the Property (i.e., greater than 1 mile).

**Historical Topographic Maps**—WestLand reviewed USGS topographic maps of the Property and its vicinity dating from 1911 to 2021. Development outside of the Property includes the town of Mammoth 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 over time. 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 closed copper mine (San Manuel Copper Mine).

**Historical Aerial Photographs**—WestLand reviewed historical aerial photographs dating from 1945 to 2019. These photographs show Mammoth with developed features including structures, ponds, roads, and cleared areas. Agricultural development and subsequent natural revegetation are observed on the Property. Mines in the vicinity are visible on the maps.

**Prior Environmental Reports**—Prior Phase I ESAs were completed by WestLand in 2003, 2017, 2020, and 2024 (WestLand 2003b, 2017, 2020b, 2024). The 2003 Phase I ESA concluded that there were no RECs for the Property, and that soil staining and "wildcat" (uncontrolled) dumping were housekeeping issues identified for the Property. The 2017 Phase I ESA identified the following evidence of potential RECs in connection with the Property:

- The 2,000- to 2,500-gallon release of diesel fuel associated with Phoenix Fuel at River Road and SR 77 at the northeast Property boundary noted above. There is no record that this release was cleaned up.
- A leaking underground storage tank (LUST) located at Pinal County APN 306-13-121, on land immediately upgradient from the Property, with no indication in 2017 that the LUST and corresponding record was closed. Current records review indicates that the LUST site is now closed.
- The 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 once located at 221 Main Street on land directly upgradient of the Property. 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. This operation is not listed in the 2020 EDR report.
- Arizona Department of Environmental Quality (ADEQ) classification of this reach of the San Pedro River is "inconclusive" regarding attainment of water quality standards for designated uses as several exceedances were recorded. This circumstance is not considered a REC for the Property.

- A portion of the Property that was formerly cultivated from at least 1945 through the mid-1990s, with unknown/possible use of agricultural pesticides (i.e., lead and arsenate [arsenic]).
- A baseline study conducted by ADEQ in 2000 indicated that wells in the vicinity of the Property show high sulfate, sodium, arsenic, and/or fluoride concentrations, indicating potential regional groundwater contamination above safe drinking water levels in aquifers under the Property (ADEQ 2002). The elevated concentrations are likely the result of mineralized bedrock and/or historical mining in the vicinity of the Property. However, though a known condition, there are no records of ADEQ investigations of groundwater quality and attribution of potential liability for contamination. Accordingly, this groundwater quality issue is not considered a REC for the Property.

The 2020 and 2024 Phase I ESA reports revealed no evidence of RECs in connection with the Property except the Phoenix Fuel (River Road and SR 77), the Cielo WWTP, and the potential residual pesticides (WestLand 2020a, 2024). A portion of the Property was cultivated from at least 1945 through the mid-1990s. 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. Separately, a large cleanup effort was initiated by Resolution in 2019 to remove various non-hazardous materials from the Property. This effort included trash and structural remnant removal, well abandonments, and demolition and removal of homestead structures (WestLand 2020b). In 2020, another cleanup effort was initiated by Resolution to remove a partially buried vehicle and 15 concrete bins; the results of that cleanup effort are documented in a January 2021 addendum (WestLand 2021) to the 2020 report.

#### Physical Setting

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, the San Pedro River valley, with 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 corner of the Property sloping gradually down towards 2,300 feet amsl at the northwestern boundary. The Property is generally undisturbed river bottom land (stream channel plus overbanks) and upland areas on bluffs northeast of the river. Several roads pass through the Property and some areas have been farmed. The dominant vegetation 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 ground surface is largely composed of soil complexes that are 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 Property is approximately 20 miles upstream from the San Pedro's confluence with the Gila River. Flow in the river through the Property is ephemeral to intermittent (WestLand 2003a, 2003b, 2017).

The San Pedro River within the Property encompasses a portion of 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 ADEQ identified this reach in 2012 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 River 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 within the Property. In 2013, a downstream segment of the San Pedro River (Aravaipa Creek to Gila River) was recognized due to *E. Coli* conditions resulting from stormwater runoff and a Total Maximum Daily Load (TMDL) analysis 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 groundwater 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).<sup>2</sup> Well data indicate that water levels are shallow, typically at less than 60 feet below ground surface (bgs). Two wells on-site that are monitored by The Nature Conservancy of Arizona indicate that groundwater levels were less than 35 feet bgs during the monitoring period of January to October 2010 (The Nature Conservancy 2016). One on-site well is artesian.

According to a baseline study conducted by ADEQ in 2000, the water from the artesian aquifers in the southern portion of the basin is suitable for domestic and irrigation purposes. However, groundwater found near Mammoth has high sulfate and sodium concentrations, the latter of which may be attributed to nearby historical mining activities. 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 groundwater collected from the unconfined basin-fill aquifer and from hard rock areas had the fewest water quality standard exceedances (ADEQ 2002).

<sup>&</sup>lt;sup>2</sup> Accessed online August 7, 2020.

According to ADWR (2009), groundwater quality data from selected sites within the Lower San Pedro Groundwater Basin in the vicinity of the Property show that fluoride and arsenic (both naturally occurring) 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 the current drinking water standard of 4 mg/L and arsenic exceeding the current drinking water standard of 0.010 parts per million.

#### Historical Use

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

Highlights from review of historical topographic maps and aerial photographs indicate several mining and sand and gravel operations in the vicinity of (but not within) the Property, including San Manual Copper Mine to the south, Tiger Mine more than 2 miles west, and various mine prospects north and south of the Property. A stamp mill was constructed along the San Pedro River—at Mammoth and less than 0.5 miles from the Property—in the late 1800s to process ore from the Tiger Mine. In 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 and much of the stamp mill was demolished (some concrete foundations remain). Subsequent flooding of the San Pedro River reportedly washed away residual materials from the mill. 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 at the stamp mill on land adjoining the Property. Long-term mining exploration and processing in the area is well known.

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

#### Site Reconnaissance

On March 10, 2025, WestLand environmental specialists, Christopher Rife and Paul Fleischmann, performed a site reconnaissance of the Property to visually assess existing environmental conditions. Field observations were consistent with the findings of WestLand's historical records review of the Property and surrounding properties. 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 most 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-1990s. 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 buildings and storage areas or low-lying drainage areas.

The Property is currently managed as open space by the Arizona Game and Fish Department (AZGFD) on behalf of the Owner (Resolution). A locked on-site mobile storage container is used for storing the Property manager's gear.

A 1.2-mile-long public nature walking trail through the mesquite bosque is located on the Property south of Copper Creek Road. Recreational activities, such as off-road vehicle use, occur along the river bottom. A shooting range, managed by the Lions Club, is located on Copper Creek Road, approximately 0.1 miles east of South River Road, as an inholding within the Property boundaries and is not part of the Property. Based on interviews with the prior Property manager (The Nature Conservancy), this portion of land 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 include lead on soils from spent bullets; however, considering the shooting range is on adjoining land and is likely managed with good housekeeping practices, the shooting range 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 identified in 2019 as part of cleanup efforts at the Property, and was properly closed and removed at that time (WestLand 2020b). Any additional septic systems, if present, are likely associated with residential use and are not considered RECs.

#### Interviews

Individuals and representatives at various agencies were interviewed (or contacted for interview) as part of this and prior assessments:

- A report User and Property owner: Casey McKeon, representative for Resolution;
- The BLM, also a report User; WestLand has not received a response to update this inquiry;
- The Pinal Rural Fire Medical District;
- The AZGFD: Ryan Pernu as Property Manager
- · Sterling Hundley, Resolution, past interview in 2020; and
- The Nature Conservancy (a previous Property Manager): Celeste Andresen.

No information provided through the interviews indicates the potential for a REC in connection with the Property.

#### Recognized Environmental Conditions

WestLand has performed this Phase I ESA in conformance with the scope and limitation of ASTM E 2247-23 for the Property. This assessment has revealed evidence of the following RECs in connections with the Property:

- Phoenix Fuel (River Road and SR 77)—There is no record that a spill of 2,000 to 2,500 gallons of diesel fuel from a tank at this site in 1994 was 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.
- Cielo WWTP—This facility, immediately adjacent to the Property, is authorized to discharge
  pollutants pursuant to an AZPDES and an APP. Any releases of pollutants directly upgradient of
  the Property would be permitted under the facility's APP or AZPDES, and is therefore considered
  a controlled REC.
- A portion of the Property was cultivated from at least 1945 through the mid-1990s. 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.

# 1. INTRODUCTION

WestLand Engineering & Environmental Services (WestLand) was contracted by Resolution Copper Mining, LLC (Resolution; a report "User") to perform a Phase I Environmental Site Assessment (ESA) for approximately 3,054 acres referred to as the Lower San Pedro River parcel ("the Property"; **Figure 1**). The Property is presently under non-federal ownership (Resolution) but is proposed as part of a land exchange with the Bureau of Land Management (BLM; a report "User") under the *Southeast Arizona Land Exchange and Conservation Act of 2013* (U.S. Congress 113<sup>th</sup>). The Property is a private landholding surrounded by recreational/undeveloped land or transportation corridors.

#### 1.1. PURPOSE

The purpose of this investigation was to assess the Property and surrounding areas to identify the presence or potential presence of recognized environmental conditions (RECs) potentially resulting in environmental impacts to the Property. According to the ASTM International (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for Forestland or Rural Property* (ASTM E 2247-23), a REC is defined as: "...(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to any release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment." A de minimis condition is not a recognized environmental condition.

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 Brownfields 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. Additionally, 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.

The Southeast Arizona Land Exchange and Conservation Act of 2013 is section 3003 of the Carl Levin and Howard P. "Buck" McKeon National Defense Authorization Act for Fiscal Year 2015.

#### 1.2. SCOPE OF SERVICES

This Phase I ESA has been completed in accordance with the guidelines provided in ASTM E 2247-23. 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 2247-23 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.

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 *Southeast Arizona* Land Exchange and Conservation Act of 2013 (U.S. Congress 113<sup>th</sup>). It may not be relied upon by any other person or entity without the written consent of WestLand.

#### 1.6. CONTINUED VIABILITY

The ASTM E 2247-23 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, their useful life is limited. The following components of the Phase I ESA are presumed valid only within 180 days after the date that the component is completed:

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

Other components of the Phase I ESA (e.g., historical aerial photograph and topographic map reviews) 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 in **Figure 2**. Surface management (land ownership) is depicted in **Figure 3**. The approximate locations of the ground photographs with GPS locations shown in **Appendix A** are provided in **Figure 4**.

#### 2.1. LOCATION AND LEGAL DESCRIPTION

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

- Township 8 South, Range 16 East, a portion of Section 12
- Township 8 South, Range 17 East, portions of Sections 7, 17, 18, 19, 20, 21, 28, 29, 32, and 33
- Township 9 South, Range 17 East, portions of Sections 3 and 4

The 17 Pinal County Assessor Parcel Numbers (APNs) for the Property are:

Pinal County Assessor Parcel Numbers						
307-05-0020	307-05-0040	306-07-0060	306-25-0010	306-09-0030	306-07-003A	
307-05-0060	306-25-0060	306-07-0050	306-33-0090	306-07-002C	306-33-0100	
307-05-0050	306-07-0080	306-07-004A	306-07-002D	306-03-0020		

These parcels comprise an area larger than the Property—that is, the Property includes portions, but not the entirety, of some of these parcels.

#### 2.2. SITE AND VICINITY GENERAL CHARACTERISTICS

The Property comprises approximately 3,054 acres along the San Pedro River. It is located in the San Pedro River Valley, in the northern (downstream) portion of the San Pedro River basin largely 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); portions of this area have naturally revegetated.

The undeveloped portion of the Property is generally undisturbed river bottom land (stream channel plus overbanks) and upland areas on bluffs northeast of the river. The dominant vegetation 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 principally undeveloped open space, though current 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 Arizona Game and Fish Department (AZGFD) for wildlife habitat 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 Property. 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 is paved through the Property and adjoining parcels on the southwest side of the river, northwest of Mammoth. An unnamed dirt road southeast of Mammoth, on the southwest side of the river, is depicted on historical maps but was reportedly abandoned. Vestiges of this road are present in some locations within the Property. Numerous informal 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 2017). A 1.2-mile public nature walking trail exists within the mesquite bosque on the Property, originating at Copper Creek Road adjacent to the San Pedro River crossing. Remnants of former residential and agricultural uses (i.e., abandoned ranch or farm structures and corrals) are present. The AZGFD also has a locked mobile storage container at the Property for their gear.

A large cleanup effort was initiated by Resolution in 2019 to remove various non-hazardous materials from the Property. This effort included trash and structural remnant removal, well abandonments, and demolition and removal of homestead structures (WestLand 2020b). In 2020, another cleanup effort was initiated by Resolution to remove a partially buried vehicle and 15 concrete bins (WestLand 2021).

#### 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 in the northern portion of the Property along River Road. A shooting range, managed by the Lions Club, is located on Copper Creek Road, approximately 0.1 miles east of South River Road, as an inholding within the Property boundaries and is not part of the Property. A sand and gravel quarry occurs in Section 7, east of the Property, along with Arizona State Trust Lands and BLM lands, both of which are open space available for recreational use. A trailer park community exists and ranching occurs south of the Property. Mammoth is west of the Property with residential and commercial uses principally in Sections 17, 18, and 19. The Cielo Wastewater Treatment Plant (Cielo WWTP, operated by Mammoth) is located immediately adjacent to the Property (an inactive portion of which encroaches into the Property), in the northwest corner of Section 18, and a 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 on March 18, 2025. The Resolution representative is Casey McKeon. A copy of the User and Owner Questionnaire is provided as **Appendix B**. Information provided by the User is summarized in the following subsections.

#### 3.1. TITLE RECORDS

WestLand was previously provided copies of title documents (**Appendix C**) as part of prior inquiry efforts associated with the Property, exclusive of any environmental lien or activity and use limitations (AULs) information that may exist (WestLand 2020a). 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 appears to identify a use or condition that suggests known contamination of 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

Resolution is not aware of any environmental liens or AULs for the Property.

WestLand engaged EDR to conduct a search of available land title records for environmental liens and AULs for the Property. On February 24, 2025, 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 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**). Furthermore, two parcels that were included in the original Property boundaries (as presented in the prior environmental reports) have been excluded and are no longer part of the Property:

- APN 306-14-014A, a 57-acre adjacent parcel situated immediately northwest of the town of Mammoth along the western Property boundary, and
- APN 306-07-004B, a 10-acre inholding parcel situated north of Copper Creek Road along the eastern Property boundary.

#### 3.3. SPECIALIZED KNOWLEDGE

Resolution reported that "wildcat" (uncontrolled) dump cleanups occurred soon after Resolution acquired the Property, when a large amount of non-hazardous trash was removed. In 2017 and 2020, additional non-hazardous waste from wildcat dumping was removed. Resolution contracted with Oddonetto to remove debris as recommended by WestLand with input from the BLM in 2019.

#### 3.4. COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

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

#### 3.5. VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

Resolution reported that there is no information indicating the value of the Property has been reduced as a result of environmental issues.

## 3.6. REASON FOR PERFORMING A PHASE I ESA

Resolution stated that the Phase I ESA was being performed to identify RECs requiring additional investigation relating to a land exchange property transaction with the BLM under the *Southeast Arizona Land Exchange and Conservation Act of 2013* (U.S. Congress 113<sup>th</sup>).

#### 3.7. OTHER

Based on Resolution's knowledge of the Property and related experience, no obvious indicators point to the presence or likely presence of contamination on the Property of which Resolution is aware. No other information relevant to potential RECs was provided by Resolution.

# 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 February 21, 2025, 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 encompassing the Property as well as 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**.

Thirty occurrence records were mapped in the EDR report; some records occur close together, so they are counted as one location. Several occurrence records were identified on multiple databases. **Table 1** provides a detailed evaluation of the records identified in the database search. There are several 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 1. 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	SPILLS	A spill of 2,000 - 2,500 gallons of diesel fuel was reported from a tank at this site in 1994, adjacent to the Property. While it is likely that this spill was cleaned up, 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.	REC
Elevation: Side gradient of the Property			
Cielo WWTP, Mammoth, Arizona Map ID: 2, 3, A4, A5, A6, A7, A8, A16 Elevation: Sidegradient/ Upgradient of the Property/At Property boundary	EMAP, Enforcement, Aquifer, WWFAC, FINDS	This facility is immediately adjacent to the Property. The Cielo WWTP has an Aquifer Protection Permit (APP) for infiltration ponds. Mammoth operates the WWTP under APP Numbers P-101690 and P-105647, and Arizona Pollutant Discharge Elimination System (AZPDES) Permit AZ0025470. 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 that are tributary to the 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.	Controlled REC
Creola Dungen	UST	This record refers to two underground storage tanks that were permanently removed in 1990.	Not Considered a
Map ID: 19 Elevation: Sidegradient/ Upgradient of the Property		There is no indication that either of these tanks leaked.	REC
Mammoth, Arizona	UST	This record refers to one tank that was permanently removed from this site in 1991. There is no indication a release was associated with this tank.	Not Considered a
Map ID: 21 Elevation: Sidegradient/ Upgradient of the Property		Indication a release was associated with this tank.	REC
San Carlos Project Map ID: 22 Elevation: Sidegradient/ Upgradient of the Property	LUST	This record refers to a leaking underground storage tank (LUST) from 1997; however, this LUST case was closed in 1998 when the impacted soil was determined to meet Tier 1 soil remediation levels. This record also refers to a 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

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: D23, D24 Elevation: Sidegradient/ Upgradient of the Property	LUST, UST, EMAP, UST Finder, UST Finder Release	This record refers to one LUST 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: G29, G30 Elevation: Sidegradient/ Upgradient of the Property	LUST, UST, EMAP, ENFORCEM ENT, UST Finder, UST Finder Release	This record refers to one LUST; however, the case was closed when soils were determined to meet Tier 1 soil 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: E25, E26 Elevation: Sidegradient/ Upgradient of the Property	LUST, UST, EMAP, UST Finder, UST Finder Release	This record refers to one LUST; however, the case was closed when soils were determined to meet Tier 1 soil 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: B9, B10, 11, 20 Elevation: Sidegradient/ Upgradient of the Property	UST, MRDS	This record refers to the Fred Clark Trucking Company, which 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: 12 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 coowned 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 location is likely mis-mapped and is actually located northeast of the Property near River Road and SR 77.	Not Considered a REC

Site ID Name, Map ID Number, Situation Relative to the Property	Databases Listed	Analysis	Potential Impact to the Property
St. Cloud Mining Co./ White Cliff Mine Map ID: C14, C15 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 mismapped 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 with the citations. Mindat (2020) identifies the White Cliffs Mine as a former surface gypsum and diatomaceous earth mine. The mine produced from the 1920s to 1940s. Mindat further notes that workings include many small quarries which were put in during the 1960s. There is no known or suspected release of hazardous materials or petroleum products associated with this mine record.	Not Considered a REC
Circle K #2700853 Map ID: F27, F28 Elevation: Sidegradient/ Upgradient of the Property	LUST, UST, EMAP, ENF, FINANCIAL, UST Finder, UST Finder Release	This record refers to four LUSTs. Three cases for these tanks were closed when soils were determined to meet Tier 1 soil remediation levels in 1998, and the other case was closed in 2020 when the soils were determined to meet Tier 3 soil remediation levels. Five underground storage tanks are reported. Three of these tanks were permanently closed in 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 gasoline. 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.	Not Considered a REC
Tiger Tailings Dump Map ID: 13 Elevation: Mapped at Property	MRDS	This record refers to the Tiger Tailings Dump associated with Tiger Mine east of the Property but is mis-mapped as within the Property. Through a records review in greater detail of the U.S. Geological Survey (USGS) metadata, it was revealed that this facility is actually located in Township 8 South, Range 16 East within Section 26, distant from the Property; thus, it is not considered a REC.	Not Considered a REC
Porphyry Exploration Co Property Map ID: 18 Elevation: Sidegradient of the Property	MRDS	This record refers to the Porphyry Exploration Co Property, which is a 1955 prospect in Pinal County, Arizona, for the commodities copper, gold, molybdenum, silver, and vanadium This record is not considered a REC.	Not Considered a REC
Reynolas and Cline Property MAP ID: 17 Elevation: Sidegradient of the Property	MRDS	This record refers to the Porphyry Exploration Co Property, which is a 1947 prospect in Pinal County, Arizona, for the commodities copper and lead This record is not considered a REC.	Not Considered a REC

The EDR Orphan Summary list identifies six records associated with un-mappable sites ("orphan" sites) in the vicinity of the Property. 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 a REC 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

Prior Phase I ESAs were completed for the Property in 2003, 2017, 2020, and 2024 (WestLand 2003b, 2017, 2020b, 2024). The 2003 Phase I ESA concluded that there were no RECs for the Property. Soil staining and wildcat dumping observed during the site reconnaissance were considered to be housekeeping issues. The 2017 Phase I ESA identified the following evidence of potential RECs in connection with the Property:

- The 2,000- to 2,500-gallon release of diesel fuel associated with Phoenix Fuel at River Road and SR 77, generally at the northeast Property boundary noted above. There is no record that this release was cleaned up.
- A LUST located in Pinal County APN 306-13-121, on land immediately upgradient from the Property, with no indication in 2017 that the LUST and corresponding record was closed. Current records review indicates that the LUST site is now closed.
- The Cielo WWTP, immediately adjacent to the Property with permits to discharge pollutants to the aquifer and surface water immediately upstream of the Property, described above as a controlled REC.
- A dry-cleaning operation located at 221 Main Street on land directly upgradient of the Property.
  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. This operation is not listed in the 2020 EDR report.
- 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. This
  circumstance is not considered a REC for the Property.
- A portion of the Property that was cultivated (from at least 1945 through the mid-1990s), with unknown/possible use of agricultural pesticides (i.e., lead and arsenate [arsenic]).
- A baseline study conducted by ADEQ in 2000 indicated that wells in the vicinity of the Property show high sulfate, sodium, arsenic, and/or fluoride concentrations, indicating potential regional groundwater contamination above safe drinking water levels in aquifers under the Property (ADEQ 2002). The elevated concentrations are likely the result of mineralized bedrock and/or historical mining in the vicinity of the Property. However, though a known condition, there are no records of ADEQ investigations of groundwater quality and attribution of potential liability for contamination. Accordingly, this groundwater quality issue is not considered a REC for the Property.

The 2020 Phase I ESA included an additional environmental record adjacent to the Property for the National Gypsum Company (WestLand 2020a). This site was identified as a non-coal mining operation known as Feldman #2. Several citations/violations of an unknown nature are listed from 1983 but all were abated.

Mindat (2020)<sup>4</sup> provides a summary for the Feldman and Winkelman (which is distant from the Property) Gypsum pits that indicates an existing surface mining operation where gypsum ore is drilled and blasted, then the broken gypsum is 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. This record was not considered a REC.

The 2020 and 2024 Phase I ESA reports revealed no evidence of RECs in connection with the Property except the Phoenix Fuel (River Road and SR 77), the Cielo WWTP, and the potential residual pesticides (WestLand 2020a, 2024). As described above, a portion of the Property was cultivated from at least 1945 through the mid-1990s. 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.

Based on comments received from the BLM on the 2020 report, Resolution initiated a cleanup effort to remove a partially buried vehicle and 15 concrete bins; the results of that cleanup effort are documented in a January 2021 addendum (WestLand 2021) to the 2020 report. The addendum also includes additional research conducted by WestLand into historical mining activities adjacent to 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 to or from the Property.

# 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 the broad San Pedro River alluvial valley, with the Galiuro Mountains to the east and Santa Catalina Mountains to the south.

The gradient of the San Pedro River streambed within the Property 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, 2017). The upland bluffs range up to 50 to 75 feet in elevation above the overbanks; typically, the bluff slopes

<sup>&</sup>lt;sup>4</sup> All Mindat references accessed online August 7, 2020.

facing the river are steep to near vertical especially on the north side of the river (WestLand 2003b, 2017). Larger tributary washes on the Property include Copper and Mammoth washes, which 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 second highest elevation is located atop a bluff along the midpoint of the northeast margin of the Property (approximately 2,525 feet amsl). The lowest elevations occur at the San Pedro River at the northwest corner of the Property.

#### 4.3.2. Soils

Soil data provided by the National Cooperative Soil Survey through Web Soil Survey (Soil Survey Staff 2025)<sup>5</sup> indicate that 11 soil complexes occur within the Property. The most common 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-Badlands complex consists of very deep, well-drained soils that formed from gypsiferous and calcareous lacustrine deposits. Haplogypsid soils comprise 45 percent, Whitecliff soils 25 percent, and Badlands soils approximately 20 percent of this complex. These soils are on alluvial fans and fan terraces and typically have slopes of 0 to 5 percent but can range up to 80 percent.

The remaining six soil complexes each comprise less than 12 percent of the Property's acreage and are not further described herein.

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<sup>&</sup>lt;sup>5</sup> Accessed online February 26, 2025.

# 4.3.3. Geology

The 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 drainages; 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 it is one of the few remaining free-flowing rivers in the Southwest. Through the Property, flow in 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 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, approximately 20 miles upstream of the Property also suggest this stretch is intermittent at least since arroyo cutting was initiated in the late 1800s (WestLand 2003a).

An uncapped man-made well named the "hot spring" artesian well is present on the Property; this well is maintained by the AZGFD as wildlife habitat. The artesian well is reportedly 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 over 300 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 (The Nature Conservancy 2016). In 2007, outflow from the well was diverted to the San Pedro River using PVC pipe (The Nature Conservancy 2016).

The San Pedro River within the Property encompasses a portion of the segment from Peppersauce Wash to Aravaipa Creek that is 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 surface 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 National Wetlands Inventory (NWI) map identifies 1,766 acres of variably classified wetlands at the Property (U.S. Fish and Wildlife Service 2025).<sup>6</sup> 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" described above, 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 (FEMA) 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 groundwater 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 locally toward groundwater pumping locations (i.e., water supply wells).

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. 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, such as the aforementioned "hot spring" well. The primary groundwater recharge in the area occurs from surface flows in the San Pedro River (ADEQ 2002).

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<sup>&</sup>lt;sup>6</sup> Accessed online March 4, 2025.

WestLand queried the Arizona Department of Water Resources (ADWR) Well Registry spatial database for the 2020 assessment to review data for wells within the boundaries of the Property, in addition to the known 1,500-foot-deep artesian well described above. There are 13 registered wells at the Property (ADWR 2020). Well data indicate that water levels for these wells are shallow, at less than 60 feet below the ground surface (bgs). Two wells on-site that are monitored by AZGFD indicate that groundwater levels were less than 35 feet bgs 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 Mammoth has high sulfate and sodium concentrations, the latter of which may be attributed to historical nearby mining activities. Additionally, high fluoride concentrations that exceed groundwater quality standards are present in this region. 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 quality data from selected sites within the Lower San Pedro Groundwater Basin in the vicinity of the Property show that fluoride and arsenic (both naturally occurring) 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 the Property has an elevated level of fluoride exceeding the current drinking water standard of 4 mg/L and arsenic exceeding the 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 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, 1913, 1948, 1949, 1950, 1951, 1972, 2014, 2018, and 2021. 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, Peppersauce Wash 7.5-minute quadrangles, Camp Bonito 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, the 15-minute quadrangles are provided at 1:50,000 scale, and the 30-minute quadrangles at a 1:125,000 scale. Topographic maps depict both natural and developed

<sup>&</sup>lt;sup>7</sup> Accessed online August 7, 2020.

features, including wells, structures, and other indications of historical use. WestLand's review of the identified mapped features on or near the Property is provided below in chronological sequence.

The 1911 and 1913 Winkelman 30-minute quadrangles (1:125,000 scale) provide coverage for the entire Property. These maps depict much of the Property as undeveloped land except for a few scattered roads and structures. A small town, 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 to 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 from nearby mines to the mill (**Section 4.4.6**). Natural topography and drainages appear to be similar to existing conditions.

The 1948 Mammoth, Clark Ranch, Peppersauce Wash, and Camp Bonito 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 Mammoth including cemeteries, improvements to existing roads and new roads, telephone lines 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, tanks and cleared areas (that follow the configuration of the farm fields) indicate agricultural use at and in the vicinity of the Property.

The 1949 Mammoth, Lookout Mountain, Holy Joe Peak, Clark Ranch, Peppersauce Wash, and Camp Bonito 7.5-minute (1:24,000 scale) quadrangles were combined to provide coverage of all of the Property. The Property is depicted in the same condition as the 1948 quadrangles.

The 1950 and 1951 Mammoth 15-minute (1:50,000 scale) quadrangle and Lookout Mountain, Holy Joe Peak 7.5-minute (1:24,000 scale) quadrangles were combined to provide coverage for all of the Property. The Property is depicted in a similar condition to the 1949 map, with additional development near Mammoth.

The 1972 Holy Joe Peak, Lookout Mountain, Mammoth, Clark Ranch, Peppersauce Wash, and Camp Bonito quadrangles were combined to provide coverage of all of the Property. These maps depict the Property in similar conditions to the 1950 and 1951 maps. 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 the nearby San Manuel Copper Mine.

The 2014 Holy Joe Peak, Lookout Mountain, Mammoth, Peppersauce Wash, Camp Bonito, 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 to the 1972 maps

except for further development of existing communities and roadways. These quadrangles depict the Property and the surrounding area with less detail than the previous maps.

The 2018 and 2021 Holy Joe Peak, Lookout Mountain, Mammoth, Peppersauce Wash, Camp Bonito, 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 to the 2014 maps.

# 4.4.2. Historical Aerial Photographs

WestLand obtained historical aerial photographs depicting the Property and vicinity dating from 1945-1947, 1956, 1971, 1978, 1983, 1992, 1996, 2003, 2007, 2010, 2015, and 2019 (**Appendix G**). WestLand reviewed the photographs for evidence of anthropogenic 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. WestLand also used Google Earth and enlarged selected areas to observe features at and in the near vicinity of the Property.

The 1945 through 1947 aerial photographs do not 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 Property boundary.

The 1956 aerial photography exhibit the 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 Property. A second area of suspected agricultural use appears located outside the eastern edge of the Property near the southern end of the Property.

The 1971 and 1978 aerial photographs show the Property in similar conditions to the prior photographs. Limited growth of Mammoth is visible to the west of the Property.

The 1983 aerial photographs show the Property in similar conditions to the prior photographs with the exception of further land development near the north and south Property boundaries, and additional roadways.

The 1992 and 1996 aerial photographs are a higher resolution than the prior photographs. Mammoth appears to have developed further including structures, ponds, roads, and cleared areas. The San Manuel Copper Mine is visible, and the nearest mine facility appears to be tailings impoundments located approximately 1 mile south of the Property. Tiger Mine is visible on this map approximately 2 miles west of the center of the Property.

The 2003, 2007, and 2010 aerial photographs exhibit the Property in similar conditions to the prior photographs; however, there is another structure adjacent to the Cielo WWTP and an active agricultural field adjacent to the San Pedro River.

The 2015 and 2019 aerial photographs exhibit the Property in a similar condition to the prior photographs. Additional residential development is observed in Mammoth. The former agricultural areas within the Property appear to have continued to grow over with natural vegetation.

# 4.4.3. Property Tax Files

WestLand obtained the property tax maps and assessor details available from the Pinal County Assessor. 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 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 by Pinal County to be 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)<sup>8</sup> 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 a limited review of the large mine facilities located near the Property that were identified 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 miles of the Property. The following information includes summaries and excerpts taken from the USGS (2020) MRDS and Mindat (2020).

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<sup>&</sup>lt;sup>8</sup> Accessed online August 7, 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 other than 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's Parcel Viewer and aerial imagery indicates that this record is most likely affiliated with APNs 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 with 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. The site identification (ID) numbers for this record are Deposit ID 10060185 (Feldman and Winkelman Gypsum Pits), 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 6 South, Range 16 East, about 3.25 miles south of Dudleyville, on the east side of the San Pedro River, about 8.5 miles south of Winkelman. 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 record is associated with the White Cliffs Mine, which is reported as a past producer of diatomite, bentonite, and gypsum-anhydrite. EDR incorrectly reports it as located 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 past owners included 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. This facility is located several miles south and east of the Property. The mine produced gypsum and diatomaceous earth from the 1920s to 1940s. Mindat further notes that workings include many small quarries that were put in during the 1960s. 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, more than 2 miles west of the Property. Ascarza reported that 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 reported 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 Mine for the San Manual smelter. As of 2013, the mine was owned by BHP Billiton and was 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 that the "Tiger Tailings Dump" also appeared to be plotted on the Property. However, through a records review in greater detail 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 southwest of the Property rather than within the Property.

#### Other Land Use Historical Information

WestLand reviewed a cultural resource inventory report available for the Property, which includes archaeological research and results of prior records searches (WestLand 2017). 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 19<sup>th</sup> and 20<sup>th</sup> centuries. The earliest maps of the Property, General Land Office 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 20th century. By 1949, the road system had expanded to include the original route of SR 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 spring"). While several structures shown on earlier maps are no longer depicted, new structures and utilities are shown, including an electrical powerline and a telephone line.

WestLand also researched the history of the Mammoth Stamp Mill and Mammoth Cyanide Works, which were located in Mammoth immediately adjacent to the western Property boundary (WestLand 2021). These

facilities apparently processed ore from the Tiger Mine, transported via the tramway described in **Section 4.4.1**. Available information indicates that the mill and cyanide plants were situated on the floodplain adjacent to the river in APN 306-14-001A (excluded from the Property) and ceased operations after the Mammoth mines were shut down in 1919. Any residual materials or tailings that may have been associated with these operations were likely washed away by numerous San Pedro River floods including the large floods in 1926 and 1983.

#### SITE RECONNAISSANCE

On March 10, 2025, WestLand environmental specialists Christopher Rife and Paul Fleischmann performed a field reconnaissance to visually 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**. The BLM H-2000-01 *Pre-Acquisition Environmental Site Assessments Checklist* documenting site observations is provided in **Appendix I**.

#### 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 areas of potential contamination, including roadways, cleared areas, disturbed soils, and structures. Areas of known concentrated human activity were assessed in greater detail because these areas presented the greatest potential for impacts by hazardous materials and petroleum products.

WestLand evaluated the identified areas of site disturbance through vehicular and pedestrian surveys, which 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 prior reports and historical records 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 for locked 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 instances of wildcat dumping are thought to occur at reasonably accessible locations; hence the reconnaissance focused on 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 on-site 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, and 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 ranch and farm structures, pipelines, corrals, troughs, and stockade fences, all of which have been abandoned, and are evidence of past residential and ranching uses on the Property.

A portion of the Property was cultivated from at least 1945 through the mid-1990s. 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 buildings and storage areas or low-lying drainage areas. Portions of the areas cleared for agriculture are naturally revegetating.

The Property is currently being managed by AZGFD as open space and for wildlife habitat. An on-site mobile storage container is used for the Property manager's gear. A 1.2-mile-long nature walking trail for public access is located on the Property south of Copper Creek Road within the mesquite bosque. Recreational activities, such as off-road vehicle use, occur along the river bottom. A shooting range, managed by the Lions Club, is located on Copper Creek Road within an inholding, approximately 0.1 miles east of South River Road. This portion of land (approximately 10 acres) is deeded to the Lion's Foundation and excluded from the Property. The Lion's Foundation has several grants with the AZGFD for managing the site. Concerns associated with shooting ranges include 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 or on adjoining properties. Petroleum products were observed in rural residential and agricultural areas adjacent to the Property. An assortment of small (<5 gallons) containers of oils, paints, and other liquid chemicals were observed at a recycling center adjacent to the Property in Mammoth along Copper Creek Road. A shooting range and public toilet is located on a private inholding that has been excluded from 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

A large piece of asbestos concrete pipe was observed on-site in 2017 but was not relocated in 2020 or 2025; the pipe may have been removed by Resolution as part of the wildcat dumping cleanup efforts. No other hazardous substances and petroleum product containers not in connection with identified uses were observed at the Property or on adjoining properties.

#### 5.3.3. Storage Tanks (Aboveground and Underground)

No indications of aboveground 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. ASTs, and USTs were observed in rural residential areas adjacent to the Property.

#### 5.3.4. Unidentified Substance Containers

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

#### 5.3.5. Drums

No drums were observed on the Property; however, drums were observed in rural residential areas adjacent to the Property.

#### 5.3.6. Odors

No strong, pungent, or noxious odors were detected on the majority of the Property. Strong odors were detected near the wastewater treatment plant adjacent to the northwest portion of the Property.

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

No pits, ponds, ditches, caves, or lagoons were observed on the Property, although an inactive wastewater treatment plant overflow pond is situated in the northwestern portion of the Property as described below. A dry river, the San Pedro River, passes through the center of the Property, flowing seasonally southeast to northwest. 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. It feeds a small stretch of flowing water and riparian habitat in the vicinity.

A municipal wastewater treatment plant is situated near the northwest corner of the Property and partially encroaches onto the Property. The Cielo WWTP is located directly adjacent to the Property near the northern portion of the Property between Camino Rio Road and SR 77. The Cielo WWTP includes treatment lagoons (**Appendix A, Photo 4**), as described in **Table 1**. Aerial photography of this area shows that an overflow pond from the Cielo WWTP encroaches onto the Property, which was noted to be filled in 2007.

#### 5.3.8. Wastewater

No features associated with wastewater storage and disposal were observed on the Property. As described above, the Cielo WWTP is located immediately adjacent to the Property. An overflow pond from the Cielo WWTP encroaches onto the Property and could have historically released wastewater into the Property.

#### 5.3.9. Septic Systems

No evidence of septic systems was observed on the Property during the 2023 site reconnaissance. One septic system was found in 2019 as part of Resolution's cleanup efforts at the Property and properly closed and removed as part of that effort (WestLand 2020b).

#### 5.3.10. Wells

Three wells (including the artesian well) were observed at the Property (**Appendix A, Photos 12 and 25**). Previously more wells were located on the Property. In 2019, as part of Resolution's cleanup efforts at the Property, several unused wells were properly abandoned in accordance with ADWR requirements (WestLand 2020b).

#### 5.3.11. Stained Soil or Pavement

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

#### 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.

No significant deposits of solid waste were observed on the Property. Portions of a mining smelter were historically present on the Property in Mammoth along the southern side of the San Pedro River; remnants of the building foundation (e.g., demolition debris) are present at this location. A recycling center adjacent to the Property in Mammoth along Copper Creek Road includes "white waste" (appliances) and other scrap metal. Other solid waste disposal throughout the majority of the Property was minimal and limited to minor quantities of scattered inert solid waste (**Appendix A, Photo 8**).

Unauthorized (i.e., wildcat) dumping of disposed material previously observed at the Property near Mammoth 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 wildcat dumping areas were on the western boundary of the site adjacent to Mammoth. Based on interviews with the site manager, the dump site was cleaned up by Resolution in cooperation with Mammoth. The disposed material observed at the large dump site was no longer present on the Property as of 2017. A further cleanup effort was initiated by Resolution to improve the quality of the Property in 2019, which included trash and removal of structural remnants, well abandonments following ADWR procedures, and demolition of unsafe homestead structures (WestLand 2020b). In 2020, another cleanup effort was initiated by Resolution to remove a partially buried vehicle and 15 concrete bins (WestLand 2021).

#### 5.3.14. PCB Equipment

Concern over the toxicity and persistence in the environment of polychlorinated biphenyls (PCBs) led Congress in 1976 to enact §6€ of the Toxic Substances Control Act (TSCA), which included prohibitions on the manufacture, processing, and distribution in commerce of PCBs. 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 PCBs.

A single pole mount electric transformer in good condition was observed at the Property. No other PCB equipment was observed at the Property.

#### 5.4. INTERIOR OBSERVATIONS

Not applicable; there are no structures on the Property.

#### 6. INTERVIEWS

#### 6.1. INTERVIEW WITH OWNER

On March 18, 2025, Casey McKeon (Resolution) completed the User questionnaire and the Owner questionnaire for the Property. (**Appendix B**). Resolution referred WestLand to the site manager (AZGFD) for detailed questions regarding the Property, as described in **Section 6.2**.

#### 6.2. INTERVIEW WITH SITE MANAGER

On April 9, 2025, WestLand interviewed Ryan Pernu, Wildlife Biologist, AZGFD. Mr. Pernu is the acting site manager for the Property on behalf of Resolution. He completed the Operator / Occupant questionnaire (**Appendix B**). Mr. Pernu reported no known chemicals or spills on the Property or any other information that may be pertinent to identifying past and present RECs at the Property.

#### 6.3. INTERVIEW WITH LOCAL GOVERNMENT OFFICIALS

WestLand contacted the Pinal Rural Fire Medical District via email (chiefapodoca@gmail.com) and requested incident reports for the area relating to any releases of hazardous substances or petroleum products. On February 28, 2025, Bobby Apodaca, Fire Chief reported that they were not aware of any such releases on or in the immediate vicinity of the Property.

#### 6.4. INTERVIEWS WITH OTHERS

On March 21, 2025, WestLand contacted Daniel Moore (d3moore@blm.gov), representative for the BLM, and requested that the User Questionnaire be completed for the Property in support of the *Southeast Arizona Land Exchange and Conservation Act of 2013* (U.S. Congress 113<sup>th</sup>). As of the date of this report, a completed questionnaire has not been received. If the User Questionnaire is received from the BLM after this report is finalized, it may be incorporated into the Phase I ESA report as an addendum.

On August 6, 2020, Sterling Hundley of Resolution completed a User and Owner/Operator/Occupant Questionnaire. Mr. Hundley indicated that to his knowledge, that the site has historically been used for agricultural (growing crops, raising farm animals, and some grazing), and that herbicide and/or insecticides may have been used during this time. He was not aware of any information that potentially identifies a REC for the Property. Mr. Hundley's responses in 2020 were consistent with those of Casey McKeon's in 2025 (**Appendix B**).

On August 11, 2020, WestLand interviewed Celeste Andresen of The Nature Conservancy as part of a prior assessment of the Property (WestLand 2020b). Ms. Andresen was the acting site manager for the Property at that time on behalf of Resolution and had been working with The Nature Conservancy at the Property since 2009. A report summarizing the cleanup efforts undertaken by Resolution at the Property states that in 2019, Resolution engaged Oddonetto Construction, Inc., and Far West Pump Company to assist with:

- Abandonment of several unused wells (in accordance with ADWR requirements);
- Removal of materials from a pit/trench which was used as a small solid waste landfill at the Property;
- Removal of discarded building materials, barbed wire, and other inert trash; and
- Fencing or removal of several old structures that were considered a safety hazard.

Ms. Andresen indicated in 2020 that other than the solid waste cleanup efforts at the Property, there had been no substantive changes to the Property since 2016.

Ms. Andresen described the current use of the Property in 2020 as open space and had reported that grazing was not permitted. There is a public nature walking trail and the river bottom is often used by recreationalists but otherwise, use is restricted to wildlife research. She previously reported that a container

is used for storage of equipment at the Property but she was 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 were likely several wells located at the Property. Two wells were monitored monthly by The Nature Conservancy. She also reported that, as of 2016, two other wells she was aware of had been filled in. Two wells were not found during the 2019 cleanup effort.

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:

- WestLand engaged EDR to conduct a search of available land title records for environmental liens
  or AULs for the Property. A search was completed for the Pinal County APNs on February 24,
  2025, comprising the Property. 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.
- Resolution 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 appears to identify a use or condition that suggests known
  contamination of the Property.
- 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 completed on February 21, 2025, by conducting a search from the boundaries of the Property to the minimum search distance recommended by the ASTM standard. 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). The records for the sites that indicate potential RECs for the Property are:
  - Phoenix Fuel (River Road and SR 77)—A spill of 2,000 to 2,500 gallons of diesel fuel was reported from a tank at this site, adjacent to the Property, in 1994. 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 Mammoth Cielo WWTP—This facility is immediately adjacent to the Property. The Cielo WWTP has an APP for infiltration ponds. Mammoth operates the Cielo WWTP under APP Numbers P-101690 and P-105647 and AZPDES Individual Permit, Minor WWTP Facility (AZ0025470). 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 Cielo WWTP is authorized to discharge to ephemeral washes that are tributaries to the 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 appears 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 and would thus be considered a controlled REC for the Property.
- A portion of the Property was cultivated from at least 1945 through the mid-1990s. 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.
- The EDR Orphan Summary list identifies six records associated with un-mappable sites ("orphan" sites) in the vicinity of the Property. These sites are un-mappable due to inadequate information about their location. Based on WestLand's research of this list, these sites would not likely indicate any RECs 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 2003, 2017, 2020, and 2024 (WestLand 2003b, 2017, 2020b, 2024). 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 (WestLand 2003b). The 2017 Phase I ESA identified the following evidence of potential RECs in connection with the Property:
  - The2,000- to 2,500-gallon release of fuel associated with Phoenix Fuel at River Road and SR
     77, generally at the northeast Property boundary noted above. There is no record that this release was cleaned up.
  - A leaking underground storage tank (LUST) located at Pinal County APN 306-13-121, on land immediately upgradient from the Property, with no indication in 2017 that the LUST and corresponding record was closed. Current records review indicates that the LUST site is now closed.
  - The 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. 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. This operation is no longer listed in the 2020 EDR report.
- Arizona Department of Environmental Quality (ADEQ) classification of this reach of the San Pedro River is "inconclusive" regarding attainment of water quality standards for designated uses as several exceedances were recorded. This circumstance is not considered a REC for the Property.
- A portion of the Property that was cultivated from at least 1945 through the mid-1990's, with unknown/possible use of agricultural pesticides (i.e., lead and arsenate [arsenic]).
- A baseline study conducted by ADEQ in 2000 indicated that wells in the vicinity of the Property show high sulfate, sodium, arsenic, and/or fluoride concentrations, indicating potential regional groundwater contamination above safe drinking water levels in aquifers under the Property (ADEQ 2002). The elevated concentrations are likely the result of mineralized bedrock and/or historical mining in the vicinity of the Property. However, though a known condition there are no records of ADEQ investigations of groundwater quality and attribution of potential liability for contamination. Accordingly, this groundwater quality issue is not considered a REC for the Property.
- The 2020 Phase I ESA report revealed no evidence of RECs in connection with the Property except the Phoenix Fuel spill (River Road and SR 77), the Cielo WWTP, and potential residual pesticides. A portion of the Property was formerly cultivated from at least 1945 through the mid-1990s. 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.
- A large cleanup effort was initiated by Resolution in 2019 to remove various materials from the Property. This effort included removing trash and remnants of structures, abandoning wells, and demolishing and removing homestead structures (WestLand 2020b). In 2020 another cleanup effort was initiated by Resolution to remove a partially buried vehicle and 15 concrete bins, as documented in an addendum to the 2020 report (WestLand 2021).
- 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 River was recognized due to E. Coli conditions resulting from stormwater runoff and a TMDL analysis 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 on-site that are monitored by The Nature Conservancy indicate that groundwater levels were less than 35 feet bgs during the monitoring period of January to October 2010 (The Nature Conservancy 2016). According to ADWR (2009), groundwater quality data from selected sites within the 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 the Property has an elevated level of fluoride exceeding its current drinking water standard. One on-site well is artesian.
- The Property was cultivated from at least 1945 through the mid-1990s. As described above, 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.
- On March 10, 2025, 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 adjoining 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 and wildlife habitat by the AZGFD on behalf of Resolution. An on-site mobile storage container is used for storing the Property manager's gear.
- A 1.2-mile-long public nature walking trail through the mesquite bosque is located on the Property south of Copper Creek Road. Recreational activities, such as off-road vehicle use, occur on the river bottom. A shooting range, managed by the Lions Club, is located on Copper Creek Road, approximately 0.1 miles east of South River Road within an inholding that is not part of the Property.
- No hazardous substances and petroleum product containers not in connection with identified uses were observed at the Property or on adjoining properties.
- No evidence of septic systems was observed on the Property during the recent site reconnaissance. One septic system was identified in 2019 as part of cleanup efforts at the Property and properly closed and removed at that time (WestLand 2020b). Any additional septic systems, if present, are likely associated with residential use and are not considered RECs.
- WestLand reviewed USGS topographic maps of the Property and its vicinity dating from 1911 to 2021. Development outside of the Property includes the town of Mammoth 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 over time. 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 closed copper mine (San Manuel Copper Mine).

- WestLand reviewed historical aerial photographs dating from 1945 to 2019. These photographs show Mammoth with developed features including structures, ponds, roads, and cleared areas.
   Agricultural development and subsequent natural revegetation are observed on the Property.
   Mines in the vicinity are visible on the maps north and south of the Property.
- Individuals and representatives at various agencies were interviewed (or contacted for interview)
   as part of this and prior assessments:
  - A report User and Property owner: Casey McKeon, representative for Resolution;
  - The BLM, also a report User; WestLand had not received a response to update this inquiry;
  - The Pinal Rural Fire Medical District;
  - The AZGFD: Ryan Pernu as Property Manager
  - Sterling Hundley, Resolution past interview in 2020; and
  - The Nature Conservancy (a previous Property Manager): Celeste Andresen

#### 8. CONCLUSION

WestLand has performed this Phase I ESA in conformance with the scope and limitation of ASTM E 2247-23 for the Property (**Figure 1**). Any exceptions to, or deletions from, this practice are described in **Section 9** of this report.

This assessment has revealed evidence of the following RECs in connection with the Property:

- Phoenix Fuel (River Road and SR 77)—There is no record that a spill of 2,000 to 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 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-1990s. 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

On March 21, 2025, WestLand contacted Daniel Moore (d3moore@blm.gov), representative for the BLM, and requested that the User Questionnaire be completed for the Property in support of the Southeast Arizona Land Exchange and Conservation Act of 2013 (U.S. Congress 113<sup>th</sup>). As of the date of this report, a returned questionnaire has not been received. If the User Questionnaire is received from the BLM after this report is finalized, it may be incorporated into the Phase I ESA report as an addendum.

#### 10. ADDITIONAL SERVICES

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

# 11. QUALIFICATIONS AND SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

Mark F. Taylor, P.E., affirms that, to the best of his professional knowledge and belief, he meets the definition of "environmental professional" as defined in §312.10 of 40 CFR 312. Mr. 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.

Mr. Taylor is the leading environmental professional assigned to perform project oversight for this Phase I ESA. Christopher Rife, Paul Fleischmann conducted the site reconnaissance, and Samantha Blonder conducted the regulatory inquiries, and historical research under the direction of Mr. Taylor. Diana Sandoval conducted the interviews. Christopher Rife reviewed the findings in this report. Their work was conducted under the supervision of the above-named environmental professional. Mr. 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 J**.

MAGETIAN	
// Car / //	May 15, 2025
Mark F. Taylor, P.E.	Date

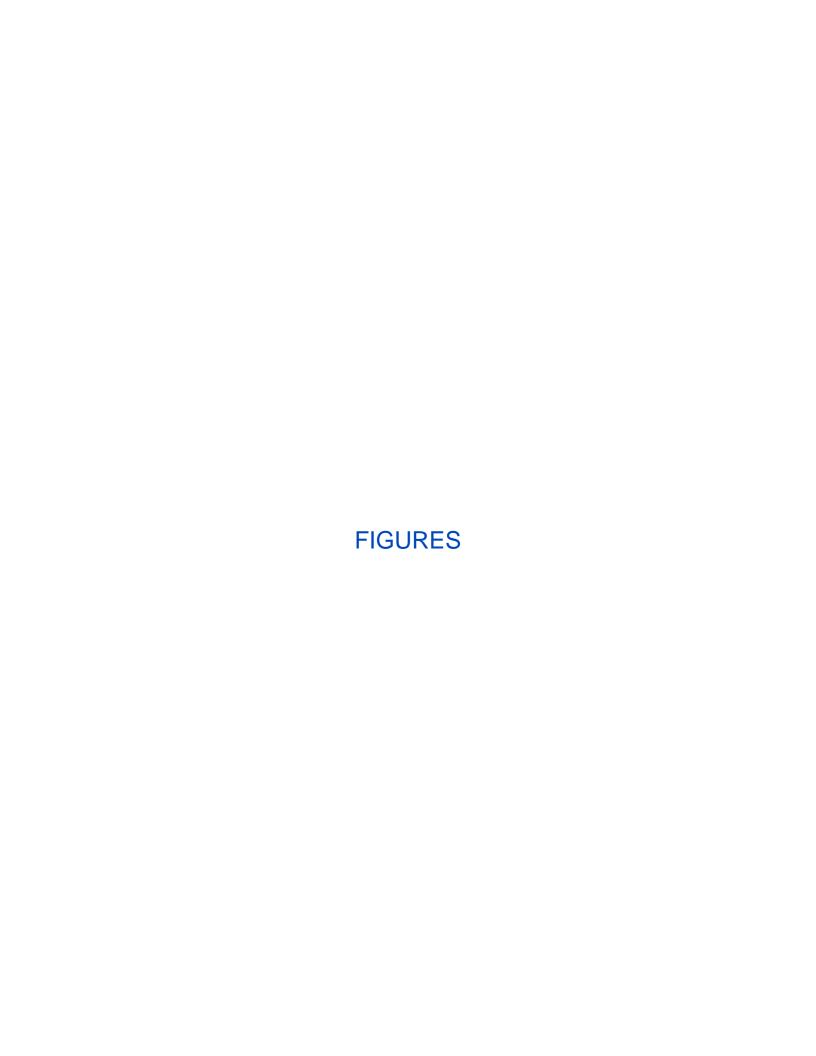
#### 12. REFERENCES

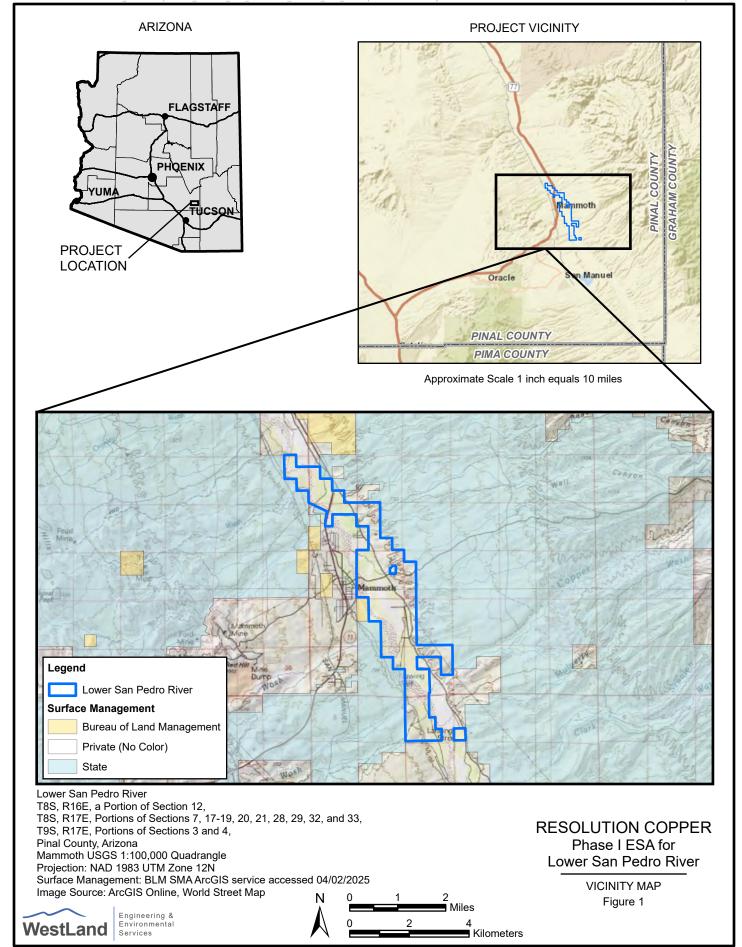
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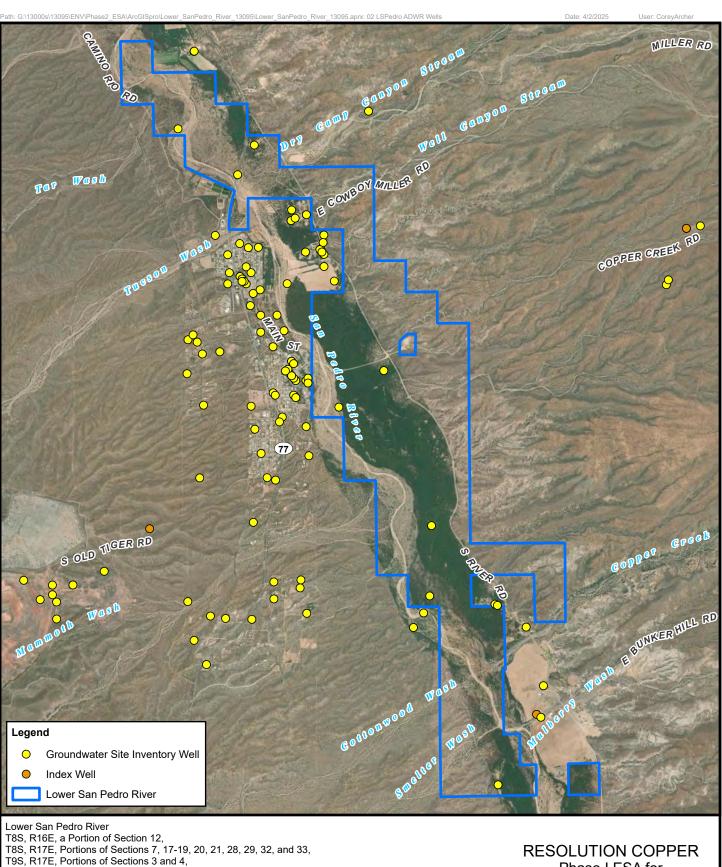
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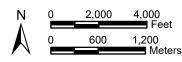


Pinal County, Arizona

Projection: NAD 1983 UTM Zone 12N

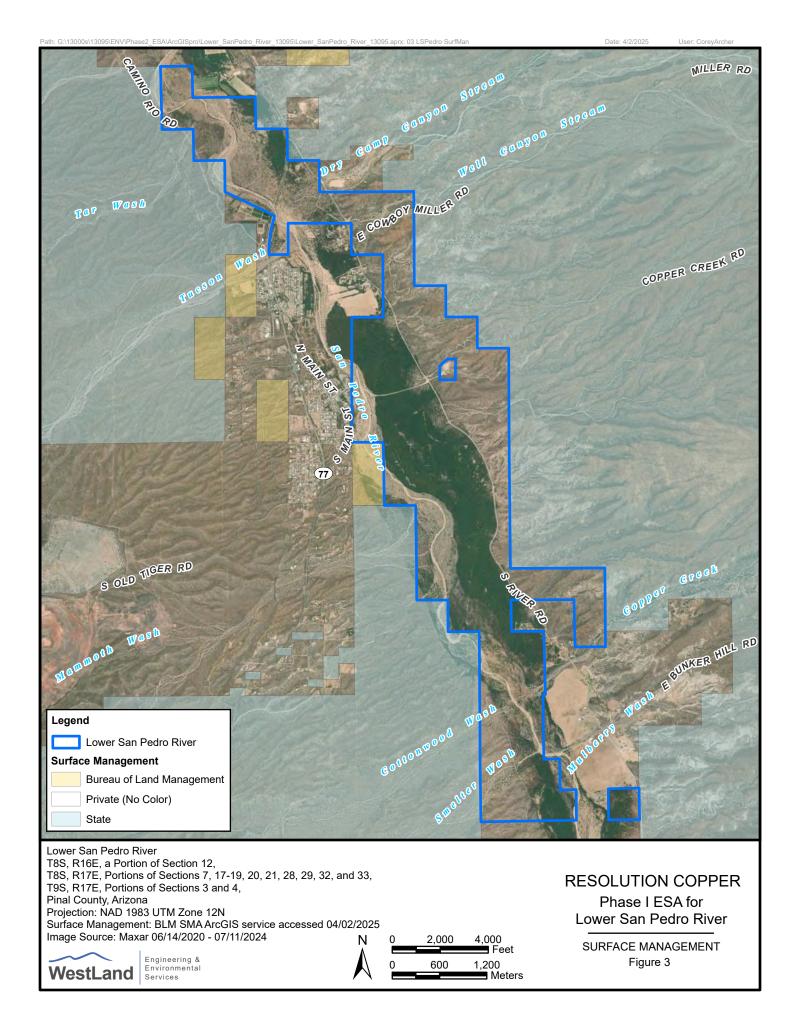
Data Source: ADWR Groundwater Site Inventory ArcGIS Service accessed on 04/02/2025 Image Source: Maxar 06/14/2020 - 07/11/2024

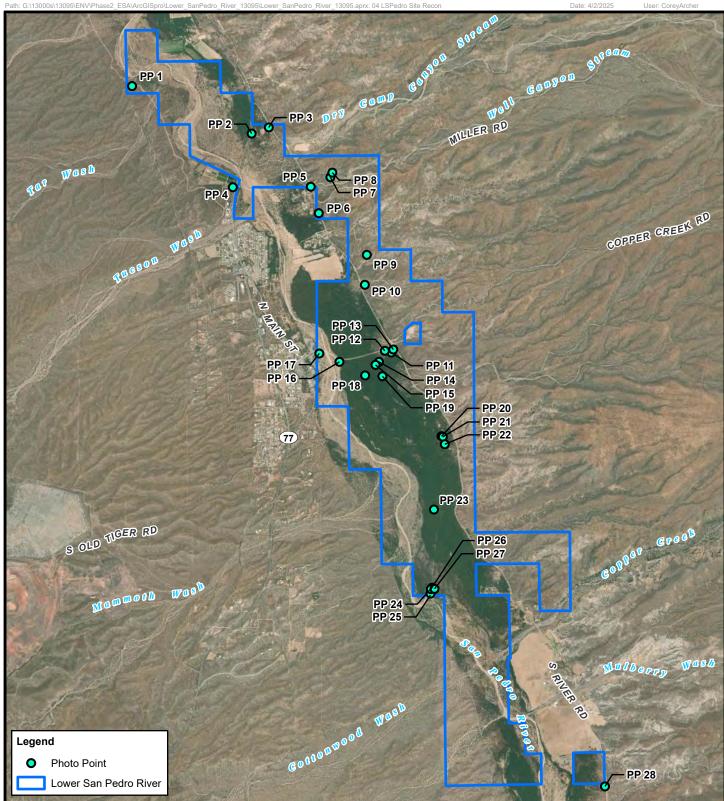




Phase I ESA for Lower San Pedro River

AERIAL OVERVIEW WITH ADWR REGISTERED WELLS Figure 2





Lower San Pedro River

T8S, R16E, a Portion of Section 12,

T8S, R17E, Portions of Sections 7, 17-19, 20, 21, 28, 29, 32, and 33,

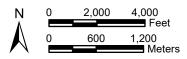
T9S, R17E, Portions of Sections 3 and 4,

Pinal County, Arizona

Projection: NAD 1983 UTM Zone 12N

Image Source: Maxar 06/14/2020 - 07/11/2024





**RESOLUTION COPPER** Phase I ESA for Lower San Pedro River

SITE RECONNAISSANCE MAP WITH SELECTED FEATURES Figure 4

APPENDIX A Site Photographs



Photo 1.

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



Photo 2.

Utility Pole within the Property along River Road.





Photo 3.

Overview of the Property on the northeastern side of the Property.



#### Photo 4.

Overview of the Town of Mammoth Cielo Wastewater Treatment Plant on adjoining land near the northwest extent of the Property.





Photo 5.

Cleared area used for traffic turnaround along River Road.



#### Photo 6.

Natural gas pipeline marker along River Road within the Property.





Photo 7.

Constructed rock berm within the Property in a wash along the northern boundary.



Photo 8.

Scattered historic trash within the Property.





Photo 9.

Overview of the Property facing southeast.



#### Photo 10.

Old vehicle debris within the Property.





Photo 11.Old drum within the Property.



Photo 12.
Well within the Property.





Photo 13.

Old foundation near River Road along northern Property boundary.



Photo 14.

Old water cistern.





Photo 15.

Watering trough at homestead site near the center of the Property.



#### Photo 16.

Trailhead for public nature trail within the mesquite bosque.





Photo 17. Old foundation and rock within



Photo 18.

Fencing within the Property at the homestead site near the center of the Property.





#### Photo 19.

Younger trees covering old agricultural fields at the homestead site near the center of the Property.



#### Photo 20.

The Arizona Game and Fish Department's mobile storage at the homestead site near the center of the Property.





Photo 21.

Inside the grain silo at the homestead site near the center of the Property.



#### Photo 22.

Large, excavated trench at the homestead site near the center of the Property.





Photo 23.

Old water structure at the homestead site near the center of the Property.



#### Photo 24.

Old corral within the Property at the homestead site near the center of the Property.





Photo 25.

Artesian well at the homestead site near the center of the Property.



#### Photo 26.

Ponding area at the homestead site near the center of the Property.





Photo 27.

Drinker, well-pumped water for wildlife at the homestead site near the center of the Property.



Photo 28.

Overview of the southern portion of the Property.



# APPENDIX B User and Owner Questionnaire

#### PHASE I ENVIRONMENTAL SITE ASSESSMENT (ASTM E 1527-21 & 2247-16)

#### **USER QUESTIONNAIRE**

To qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the *user* must 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.

Name, Title, and Organization of person interviewed (report *user*): Casey McKeon, Resolution Copper Mining LLC

Interview Medium (phone, email, in-person):

<u>Email</u>

\_\_\_\_

Date of interview: \_3/18/2025\_\_

(1). Environmental liens that are filed or recorded against the property (40 CFR 312.25).

Did a search of land title records/judicial records identify any environmental cleanup liens against the *property* under federal, tribal, state or local law? No.

(2). Activity and use limitations that are in place on the *property* or that have been filed or recorded against the *subject property* (40 CFR 312.26).

Did a search of land title records/judicial records identify 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?

No.

(3). Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

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?

Yes; see item 5 for additional information

(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*?

  Yes, agricultural: growing crops, raising farm animals and some grazing.
- (b.) Do you know of specific chemicals that are present or once were present at the *property*?

  No evidence or knowledge of hazardous chemicals being stored on site although it is possible that herbicides and /or insecticides were used while the land was being farmed.
- (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. Wildcat dump cleanups occurred soon after acquiring property. Several hundred tons of non-hazardous trash were removed. In 2017 additional waste from dumping was removed by Oddonetto.

  RCM hired Oddonetto to remove debris recommended by Westland with input from BLM in 2019.

## (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*? None.

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 being conducted. Land Exchange with Federal Government.
- (b) The type of *property* and type of *property* transaction, for example, sale, purchase, exchange, etc. Land Exchange.
- (c) The complete and correct address for the *property* (a map or other documentation showing *property* location and boundaries is helpful).

  <u>See map.</u>
- (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). Standard.
- (e) Identification of all parties who will rely on the Phase I report. Resolution Copper, Bureau of Land Management.
- (f) Identification of the site contact and how the contact can be reached. Are there previous site contacts that should be interviewed?
  Site contact Sterling Hundley. Management support by AZGF Ryan Pernu rpernu@azgfd.gov

- (g) Any special terms and conditions which must be agreed upon by the environmental professional. No.
- (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).

Previous ESA in 2020 & 2023.

### OWNER/ OPERATOR/OCCUPANT QUESTIONNAIRE

Please respond to the questions provided below and expand your responses as appropriate:

(1). Please describe the current uses of the *property*, if known.

Vacant land.

(2). Name any past owners or occupants of the *property*, if known.

Current: Resolution Copper Mining LLC: Past: BHP inc.

(3). Please describe the past and/or current uses of adjoining properties, if known.

Unknown.

(4). Please describe the general past and/or current uses of the surrounding area, if known. (i.e. residential, commercial, agricultural, industrial etc.)

Agriculture and recreation.

(5). Are you aware of any chemicals/petroleum products in individual containers greater than 5-gallons that are present or once were present at the *property* (including used automotive/industrial batteries, pesticides, paints, solvents acids, bases, antifreeze, gasoline, diesel, fuel oil, kerosene, lubricating oil, benzene, etc)? This includes industrial drums (typically 55-gallons).

Y	es	No Unkr	nownX	
(6). Do yo	ou know of	spills or other	chemical releases	s that have taken place at the property?
Y	'es	No U	JnknownX	
(7). Do yo	ou know of	any environm	ental cleanups tha	at have taken place at the property?
Y	YesX	No	Unknown	for non-hazardous materials only
(8). Are y	ou aware of	f any environn	nental cleanup lie	ns against the property?
Y	'es	NoX	Unknown	

restrictions or instit	utional contro	ineering controls (capping, slurry walls or water treatment), land use als (deed restriction, restrictive covenants, easements or zoning) intended a substance or petroleum product at the <i>property</i> ?
Yes	No	UnknownX
(10). Are there any indicating storage ta	•	d storage tanks, underground storage tanks, vent pipes or access ways pperty?
Yes	NoX	Unknown
(11). Are there any	PCBs (transfo	ormers, hydraulic equipment) at the <i>property</i> ?
Yes	No_X	Unknown
(12). Have you ob petroleum or chemic		d soil/pavement, corrosion, or stressed vegetation that may indicate a property?
Yes	No_X	Unknown
(13). Have you obsproperty?	served pits, p	onds, or lagoons associated with wastewater treatment/disposal at the
Yes	No_X	Unknown
(14). Are you awa washes)?	re of any wa	stewater/stormwater facilities at the property (drains, sumps, ditches,
Yes	NoX	Unknown
(15). Are you aware	of any wells	located at the <i>property</i> (dry, irrigation, injection, or abandoned)?
Yes	No_X	Unknown
(16). Are you aware	of any septic	systems at the <i>property</i> ?
Yes	No_X	Unknown
(17). Has the <i>proper</i>	rty been used	for landfill, dump, battery storage, junkyard, or other disposal purposes?
Yes	NoX	Unknown
(18). Has dirt fill b contaminated site?	een brought t	o the property that originated from a site of unknown origin or from a
Yes	No	UnknownX
(19). Are there or haby substances other		een any flooring, drains, or walls located within the facility that are stained emitting odors?
Yes	NoX	Unknown

### PHASE I ENVIRONMENTAL SITE ASSESSMENT

### OWNER/ OPERATOR/OCCUPANT QUESTIONNAIRE

DI 14	41 44				• 4
Please respond to	the auestions	provided below and	i expand voui	r responses as	appropriate:

 $\underline{X}$  Property is currently used for wildlife research, habitat restoration/ conservation and public recreation.

(1). Please describe the current uses of the *property*, if known.

(2). Please describe the past/historic use(s) of the <i>property</i> , if known. $\underline{X}$ Property was historically used for farming and ranch.
(3). Name the current and any past owners or occupants of the <i>property</i> , if known. $\underline{X}$ Resolution Copper is the current owner
(4). Please describe the past and/or current uses of adjoining properties, if known. $\underline{X}$ Adjoining properties are being used for ranching and residential purposes.
(5). Please describe the general past and/or current uses of the surrounding area, if known. (i.e. residential, commercial, agricultural, industrial etc.) $\underline{X}$
(6). Are you aware of any chemicals/petroleum products in individual containers greater than 5-gallons that are present or once were present at the <i>property</i> (including used automotive/industrial batteries, pesticides, paints, solvents acids, bases, antifreeze, gasoline, diesel, fuel oil, kerosene, lubricating oil, benzene, etc)? This includes industrial drums (typically 55-gallons).
YesNo_X Unknown
(7). Do you know of spills or other chemical releases that have taken place at the <i>property</i> ?
YesNo_X Unknown
(8). Do you know of any environmental cleanups that have taken place at the <i>property</i> ?
YesNo_X Unknown
(9). Are you aware of any environmental cleanup liens against the <i>property</i> ?
YesNo_X Unknown
(10). Are you aware of any engineering controls (capping, slurry walls or water treatment), land use restrictions or institutional controls (deed restriction, restrictive covenants, easements or zoning) intended to reduce exposure of a hazardous substance or petroleum product at the <i>property</i> ?
YesNo_X Unknown
(11). Are there any above ground storage tanks, underground storage tanks, vent pipes or access ways indicating storage tanks at the <i>property</i> ?
Yes No_X Unknown

(12). A	are there any F	CBs (transfo	ormers, hydraulic equipment) at the <i>property</i> ?
	Yes	No	Unknown_X
. ,	Have you obsectal spill at the		soil/pavement, corrosion, or stressed vegetation that may indicate a petroleum or
	Yes	No_X	Unknown
(14). H	Iave you obse	rved pits, por	nds, or lagoons associated with wastewater treatment/disposal at the property?
	Yes	No_X	Unknown
(15). A	are you aware	of any waste	ewater/stormwater facilities at the <i>property</i> (drains, sumps, ditches, washes)?
	Yes	No_X	Unknown
(16). A	are you aware	of any wells	located at the <i>property</i> (dry, irrigation, injection, or abandoned)?
	Yes_X	No	Unknown
(17). A	are you aware	of any seption	systems at the <i>property</i> ?
	Yes	No_X	Unknown
(18). H	Ias the <i>proper</i>	ty been used	for landfill, dump, battery storage, junkyard, or other disposal purposes?
	Yes	No_X	Unknown
	Has dirt fill bee	en brought to	the property that originated from a site of unknown origin or from a contaminated
site?	Yes	No_X	Unknown
	Are there or hances other than		been any flooring, drains, or walls located within the facility that are stained by nitting odors?
	Yes	No_X	Unknown
condit	ions at the pr	roperty or co	er information that may be pertinent to identifying past and present environmental opies of any available prior <i>environmental site assessment reports</i> , documents, the <i>property</i> and its environmental condition?
	Yes	No_X	Unknown

Interview Medium (phone, email, in-person):  $\underline{\mathbf{X}}$  Email

Date of Interview:  $\underline{\mathbf{X}}$  4/09/2025

# APPENDIX C Title and Encumbrances

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

Jary J. Sermol PRESIDENT

ATTEST I MAN & AMOUNT SECRETARY

Order Number: NCS-44196-4335

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#### 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;

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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;

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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.

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### 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)

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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)

 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.

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#### **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,

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(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.

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(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.

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(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, SW<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub>.

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, N<sup>1</sup>/<sub>2</sub>NE<sup>1</sup>/<sub>4</sub>, SE<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>.\*

Parcel 5:

Gila and Salt River Meridian, Arizona

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

sec. 29, E<sup>1</sup>/<sub>2</sub>, E<sup>1</sup>/<sub>2</sub>NW<sup>1</sup>/<sub>4</sub>.\*

Parcel 6:

Gila and Salt River Meridian, Arizona

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

sec. 28, W<sup>1</sup>/<sub>2</sub>SW<sup>1</sup>/<sub>4</sub>, W<sup>1</sup>/<sub>2</sub>NW<sup>1</sup>/<sub>4</sub>.

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, W<sup>1</sup>/<sub>2</sub>, SW<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub>, N<sup>1</sup>/<sub>2</sub>NE<sup>1</sup>/<sub>4</sub>, SE<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>.\*

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, N<sup>1</sup>/<sub>2</sub>SE<sup>1</sup>/<sub>4</sub>, SE<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub>, SW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>.\*

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, N<sup>1</sup>/<sub>2</sub>NE<sup>1</sup>/<sub>4</sub>, NE<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>, SE<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>.\*

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, NW<sup>1</sup>/4, SW<sup>1</sup>/4SE<sup>1</sup>/4, E<sup>1</sup>/2SW<sup>1</sup>/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, NW<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub>, E<sup>1</sup>/<sub>2</sub>NE<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub>.

### Parcel 2:

Gila and Salt River Meridian, Arizona T. 21 S., R. 18 E., sec. 14, Lot 2, SW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>, E<sup>1</sup>/<sub>2</sub>SE<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>.

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, SW<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>, W<sup>1</sup>/<sub>2</sub>SE<sup>1</sup>/<sub>4</sub>NW<sup>1</sup>/<sub>4</sub>.

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, NW<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub>, W<sup>1</sup>/<sub>2</sub>NE<sup>1</sup>/<sub>4</sub>SW<sup>1</sup>/<sub>4</sub>.

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.

<sup>\*</sup>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 <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub>	NW1/4SE1/4	SW¹4NW¹4	SE¼NW¼	SW1/4NW1/4	SW1/4 Sec. 33,
	Sec. 32, T8S,	Sec. 29, T8S,	Sec. 20, T8S,	SE <sup>1</sup> / <sub>4</sub>	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

XXX : D: 1 : /	20.04410	20.04411	20.04412	20.04410	20.04204	55.566204
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
		1		Appleton		LLC
Location	NE¹/4SW¹/4	NE <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub>	NW <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub>	NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> Sec.	NE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub>	NW1/4NW1/4
	Sec. 14, T21S,	Sec. 14, T21S,	Sec. 15, T21S,	14, T21S, R18E	Sec. 15, T21S,	SW1/4
	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 <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub>	SW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub>	NW <sup>1</sup> / <sub>4</sub> SW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub>	SE <sup>1</sup> / <sub>4</sub> SE <sup>1</sup> / <sub>4</sub>	NW <sup>1</sup> / <sub>4</sub> NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub>
	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
, 5 , 5	Approved as to form RCML legal April 20, 2020 By: KM 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	S	Signature
	P	Printed Name
	T	Title
	li B	Resolution Copper Mining, LLC, a Delaware imited liability company By: Resolution Copper Company, as Manager and on its own behalf
Date	BY: <u>B</u> (	Digitally signed by NEIL BOSWORTH Date: 2020.04.20 11:58:11-07'00' Date: 2020.04.20 11:58:11-07'00'
	U	Printed Name J.S. Department of Agriculture orest Service
Date	BY:S	lignature
	U	Printed Name J.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.

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 Environmental Lien and AUL Report

Lower San Pedro River

Mammoth, Arizona Mammoth, AZ 85631

Inquiry Number: 7905033.7

February 24, 2025

# **EDR Environmental Lien and AUL Search**



#### **EDR Environmental Lien and AUL Search**

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

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

- search for parcel number 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.
- search for publicly available environmental encumbering instrument(s) filed on or after the recording
  of the current deed; between the recording of the current deed and the most current publicly available
  date
- provide a copy of any environmental encumbrance(s)
- provide a copy of the current deed when available

#### Thank you for your business.

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

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# **EDR Environmental Lien and AUL Search**

# TARGET PROPERTY INFORMATION

#### **ADDRESS**

Mammoth, Arizona Lower San Pedro River Mammoth, AZ 85631

ENVIRONMENTAL LIEN			
Environmental Lien:	Found	☐ Not Found	×
OTHER ACTIVITY AND LICE LIMIT	ATIONS (AI	III ->	
OTHER ACTIVITY AND USE LIMIT	AHONS (AL	<u>JLS</u> )	
AULs:	Found [	☐ Not Found	×

# RESEARCH SOURCE

Source 1:

Pinal Recorder Pinal, AZ

#### **PROPERTY INFORMATION**

#### Deed 1:

Type of Deed: Warranty Deed

Title is vested in: Resolution Copper Mining LLC Title received from: Swift Current Lans & 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: see exhibit

Miscellaneous Comments: NA

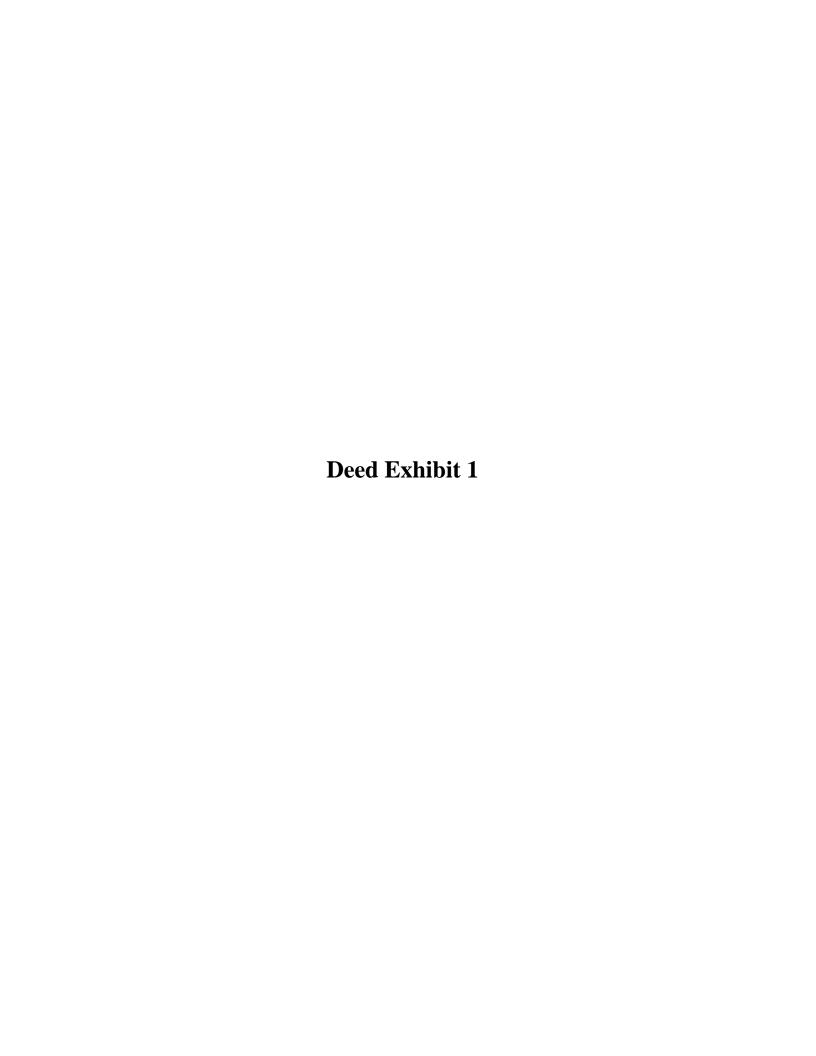
**Legal Description:** see exhibit

Resolution Copper Mining LLC **Legal Current Owner:** 

Parcel # / Property Identifier: 307050040, 306070060, 306250010, 306090030, 30607003A, 307050060, 306070050,

306330090, 30607002C, 307050050, 306070080, 30607004A, 306030020, 306250060, 307050020, 306330100, 30607002D

Comments: see exhibit





# OFFICIAL RECORDS OF COUNTY RECORDER Virginia Ross

Electronically Recorded

DATE/TIME:

04/08/2020 1514

FEE:

\$30.00

PAGES:

13

FEE NUMBER: 2020-033695

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)

#### 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;

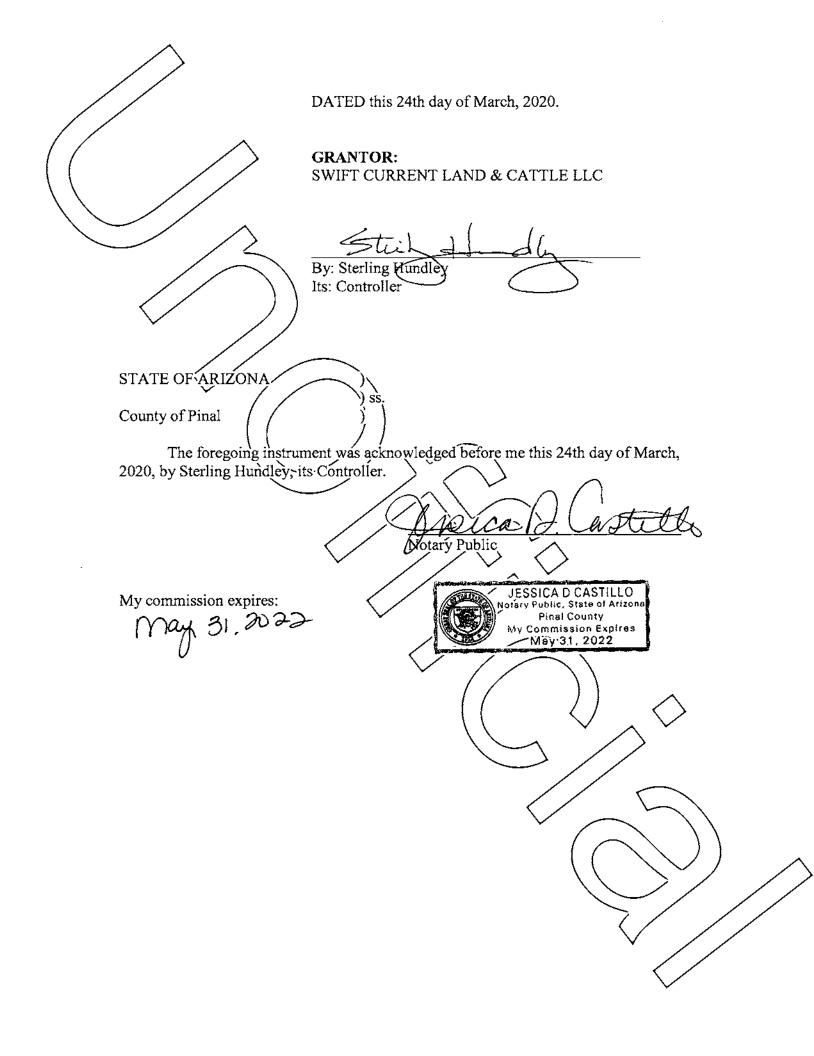
### SUBJECT TO:

- 1. Current taxes:
- All matters of record in the official records of Pinal County, or would be apparent by an inspection of the property conveyed hereby;
- Reservations in patents from the United States of America or the State of 3. 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; THE 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 TO, WNSHIP 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 SOUTHEAST QUARTER OF THE NORTHEAST QUARTER; THE NORTHEAST QUARTER OF THE NORTHEAST QUARTER 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 SÉCTION 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;

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:

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;

THÈNĆE NORTH 00 DEGREES 00 MINUTES 00 SECONDS EAST FOR A DISTANCE EOE 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 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 '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;

THENCÉ SOUTH 57 DEGREES 29 MINUTES 27 SECONDS WEST FOR A DISTANCÉ 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 FÉET 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 FÉET TO-A-RQINT;

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, TÓWNSHIP 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 33.5ECONDS 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 ANGLÉ 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 ÈEET 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 OUARTER 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 MÍNUTES 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 MINÚTES 42 SÉCONDS ÉAST 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 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.

# 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	T8S, R17E,S20	Env. Monitoring
55-225452 55-225453	T8S, R17E,S20 T8S, R17E;S20	Env. Monitoring  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:

Registration # Location Use

55-624632 T8S,R17E,S32 Stockwatering

IMFILES\DOCS\RESO03\160579\RE\11G4377 DOC

APPENDIX E Area/Corridor Report Lower San Pedro River Mammoth, Arizona Mammoth, AZ 85631

Inquiry Number: 7905033.2s

February 21, 2025

# **EDR Area / Corridor Report**



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

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report 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 (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

#### SUBJECT PROPERTY INFORMATION

#### **ADDRESS**

MAMMOTH, ARIZONA MAMMOTH, 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 11/15/2024 has revealed that there is 1 SPILLS site within the requested target property.

Site	Address	Map ID / Focus Map(s)	<u>Page</u>
PHOENIX FUEL	RIVER RD & HWY 77/CL	1/2	40
Incident Number: 94-028-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 3 US MINES sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
METRO MATERIALS GLOB Database: US MINES, Date of Mine ID:: 0200656	of Government Version: 11/01/202	12 / 10 24	47
WHITE CLIFFS MINE & Database: MINES VIOLATIO	94294 RIVER ROAD NS, Date of Government Version	<b>C14 / 10</b> : 10/01/2024	48
ST. CLOUD MINING CO Database: US MINES, Date of	of Government Version: 11/01/202	C15 / 10 24	55

Mine ID:: 0202342

#### ABANDONED MINES: Abandoned Mines

A review of the ABANDONED MINES list, as provided by EDR, and dated 12/10/2024 has revealed that there is 1 ABANDONED MINES site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
WHITE CLIFFS MINE &	94294 RIVER ROAD	C14/10	48

#### MINES MRDS: Mineral Resources Data System

A review of the MINES MRDS list, as provided by EDR, and dated 06/04/2024 has revealed that there are 4 MINES MRDS sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
CLARKS GRAVEL QUARRY		B9/9	44
F.L. CLARK TRUCKING		B10/9	45
PIT NO.1		11 / 10	46
TIGER TAILINGS DUMP		13 / 10	47

FINDS: Facility Index System/Facility Registry System

A review of the FINDS list, as provided by EDR, and dated 11/11/2024 has revealed that there is 1 FINDS site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
MAMMOTH WWTF Registry ID:: 110055977420	14610 S. STATE RTE 7	2/5	40

Aquifer: Aquifer Protection Permits List

A review of the Aquifer list, as provided by EDR, and dated 11/04/2024 has revealed that there is 1 Aquifer site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
TOWN OF MAMMOTH - CI		A6/5	42
Place ID: 91551			

#### EMAP: All Places of Interest Listing

A review of the EMAP list, as provided by EDR, and dated 11/22/2024 has revealed that there are 5 EMAP sites within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
GW NORTHWEST WELL PO Facility Status: ACTIVE	14610 HIGHWAY 77	3/5	40

ID Number: 18021			
TOWN OF MAMMOTH - CI Facility Status: ACTIVE ID Number: 91551		A4/5	41
TOWN OF MAMMOTH - WW Facility Status: ACTIVE ID Number: 1577	14610 HIGHWAY 77	A5 / 5	42
POD INTO EVAP / PERC Facility Status: ACTIVE ID Number: 18020	14610 HIGHWAY 77	A7 / 5	43
FACILITY INSPECTION Facility Status: ACTIVE ID Number: 18022	14610 HIGHWAY 77	A8 / 5	43

Enforcement: Enforcement and Violation Listing

A review of the Enforcement list, as provided by EDR, and dated 10/21/2024 has revealed that there is 1 Enforcement site within the requested target property.

Site	Address	Map ID / Focus Map(s)	Page
TOWN OF MAMMOTH - CI		A4/5	41

WWFAC: Waste Water Treatment Facilities

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

<u>Site</u>	Address	Map ID / Focus Map(s)	Page
TOWN OF MAMMOTH - CI		A6/5	42
Place ID: 91551			

#### 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

#### Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank Listing

A review of the LUST list, as provided by EDR, and dated 09/20/2024 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.)	22/5	61
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 (0.254 mi.)	D24/5	64
PINAL APN #306-13-20 Date Closed: 08/21/12 Facility Id: 0-010432 Facility Status: CLOSED	713 N HIGHWAY 77	S 1/4 - 1/2 (0.352 mi.)	E25 / 5	66
CIRCLE K #2700853  Date Closed: 01/07/20  Date Closed: 04/08/98  Facility Id: 0-001335  Facility Status: CLOSED	307 N HIGHWAY 77 ST	W 1/4 - 1/2 (0.429 mi.)	F28/9	73
PARCEL NO. 306-13-17 Date Closed: 08/21/12 Facility Id: 0-008828 Facility Status: CLOSED	706 N HIGHWAY 77	S 1/4 - 1/2 (0.461 mi.)	G30/5	79

### Lists of state and tribal registered storage tanks

UST: Underground Storage Tank Listing

A review of the UST list, as provided by EDR, and dated 09/20/2024 has revealed that there are 3 UST sites within approximately 0.25 miles of the requested target property.

Site	Address	<b>Direction / Distance</b>	Map ID / Focus Map(s)	Page
CREOLA DUNGEN Facility ld: 0-006770 Date Closed: 02/15/1990	15062 S HIGHWAY 77	S 1/8 - 1/4 (0.152 mi.)	19 / 5	59
FRED L CLARK TRUCKIN Facility Id: 0-001558 Date Closed: 08/01/1992	104 N MAIN ST	W 1/8 - 1/4 (0.153 mi.)	20 / 9	60
TOWN OF MAMMOTH Facility Id: 0-005920 Date Closed: 02/01/1991	125 N CLARK ST	W 1/8 - 1/4 (0.190 mi.)	21 / 9	60

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Other Ascertainable Records

MINES MRDS: Mineral Resources Data System

A review of the MINES MRDS list, as provided by EDR, and dated 06/04/2024 has revealed that there are 2 MINES MRDS sites within approximately 0.25 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
REYNOLAS AND CLINE P		E 0 - 1/8 (0.020 mi.)	17 / 6	57
PORPHYRY EXPLORATION		W 0 - 1/8 (0.122 mi.)	18 / 9	58

UST FINDER RELEASE: UST Finder Releases Database

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 4 UST FINDER RELEASE sites within approximately 0.5 miles of the requested target property.

Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
PINAL APN #306-13-12	203 W HAYDEN AVE	SSW 1/4 - 1/2 (0.254 mi.)	D23/5	62
PINAL APN #306-13-20	713 N HIGHWAY 77	S 1/4 - 1/2 (0.352 mi.)	E26/5	67
CIRCLE K #2700853	307 N HIGHWAY 77	W 1/4 - 1/2 (0.415 mi.)	F27/9	69
PARCEL NO. 306-13-17	706 N HIGHWAY 77	S 1/4 - 1/2 (0.461 mi.)	G29/5	<b>77</b>

WWFAC: Waste Water Treatment Facilities

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

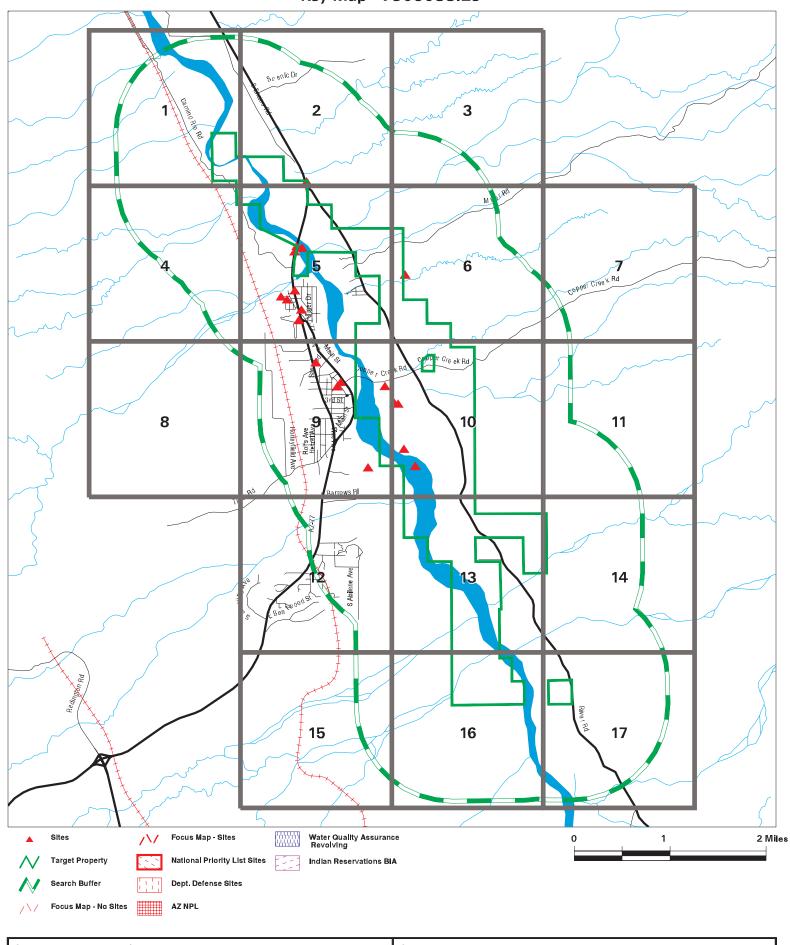
Site	Address	Direction / Distance	Map ID / Focus Map(s)	Page
MAMMOTH, TOWN OF - W	14610 HIGHWAY 77	WNW 0 - 1/8 (0.016 mi.)	A16/5	56
Place ID: 1577				

# MAPPED SITES SUMMARY

Target Property: MAMMOTH, ARIZONA MAMMOTH, 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
2/5	MAMMOTH WWTF	14610 S. STATE RTE 7	FINDS	TP
3/5	GW NORTHWEST WELL PO	14610 HIGHWAY 77	EMAP	TP
A4 / 5	TOWN OF MAMMOTH - CI		EMAP, Enforcement	TP
A5 / 5	TOWN OF MAMMOTH - WW	14610 HIGHWAY 77	EMAP	TP
A6 / 5	TOWN OF MAMMOTH - CI		Aquifer, WWFAC	TP
A7 / 5	POD INTO EVAP / PERC	14610 HIGHWAY 77	EMAP	TP
A8 / 5	FACILITY INSPECTION	14610 HIGHWAY 77	EMAP	TP
B9 / 9	CLARKS GRAVEL QUARRY		MINES MRDS	TP
B10/9	F.L. CLARK TRUCKING		MINES MRDS	TP
11 / 10	PIT NO.1		MINES MRDS	TP
12 / 10	METRO MATERIALS GLOB		US MINES	TP
13 / 10	TIGER TAILINGS DUMP		MINES MRDS	TP
C14 / 10	WHITE CLIFFS MINE &	94294 RIVER ROAD	US MINES, ABANDONED MINES	TP
C15 / 10	ST. CLOUD MINING CO		US MINES	TP
A16 / 5	MAMMOTH, TOWN OF - W	14610 HIGHWAY 77	FINDS, Enforcement, WWFAC	85 0.016 WNW
17 / 6	REYNOLAS AND CLINE P		MINES MRDS	106 0.020 East
18 / 9	PORPHYRY EXPLORATION		MINES MRDS	644 0.122 West
19 / 5	CREOLA DUNGEN	15062 S HIGHWAY 77	UST	805 0.152 South
20 / 9	FRED L CLARK TRUCKIN	104 N MAIN ST	UST	809 0.153 West
21 / 9	TOWN OF MAMMOTH	125 N CLARK ST	UST	1004 0.190 West
22 / 5	SAN CARLOS PROJECT		LUST, UST	1326 0.251 SSW
D23 / 5	PINAL APN #306-13-12	203 W HAYDEN AVE	UST FINDER, UST FINDER RELEASE	1340 0.254 SSW
D24 / 5	PINAL APN #306-13-12	203 W HAYDEN AVE	LUST, UST, EMAP	1340 0.254 SSW
E25 / 5	PINAL APN #306-13-20	713 N HIGHWAY 77	LUST, UST, EMAP	1858 0.352 South
E26 / 5	PINAL APN #306-13-20	713 N HIGHWAY 77	UST FINDER, UST FINDER RELEASE	1858 0.352 South
F27 / 9	CIRCLE K #2700853	307 N HIGHWAY 77	UST FINDER, UST FINDER RELEASE	2192 0.415 West
F28 / 9	CIRCLE K #2700853	307 N HIGHWAY 77 ST	LUST, UST, EMAP, Enforcement, Financial	2266 0.429 West
G29 / 5	PARCEL NO. 306-13-17	706 N HIGHWAY 77	UST FINDER, UST FINDER RELEASE	2433 0.461 South
G30 / 5	PARCEL NO. 306-13-17	706 N HIGHWAY 77	LUST, UST, EMAP, Enforcement	2433 0.461 South

Key Map - 7905033.2s



CLIENT: Westland Resources CONTACT: Samantha Blonder INQUIRY #: 7905033.2s

DATE: 02/21/25 8:54 AM

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted			
STANDARD ENVIRONME	NTAL RECORD	<u>s</u>									
Lists of Federal NPL (Superfund) sites											
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			
Lists of Federal Delisted	NPL sites										
Delisted NPL	1.000		0	0	0	0	NR	0			
Lists of Federal sites su CERCLA removals and		rs									
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0			
Lists of Federal CERCL	A sites with N	FRAP									
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0			
Lists of Federal RCRA facilities undergoing Corrective Action											
CORRACTS	1.000		0	0	0	0	NR	0			
Lists of Federal RCRA T	SD facilities										
RCRA-TSDF	0.500		0	0	0	NR	NR	0			
Lists of Federal RCRA g	enerators										
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 cor 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			
Lists of state- and tribal (Superfund) equivalent sites											
AZ NPL AZ WQARF	1.000 1.000		0 0	0 0	0 0	0 0	NR NR	0 0			
Lists of state- and tribal hazardous waste facilitie											
SPL SHWS	1.000 1.000		0	0 0	0 0	0 0	NR NR	0 0			
Lists of state and tribal and solid waste disposa											
SWF/LF	0.500		0	0	0	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		
Lists of state and tribal leaking storage tanks										
LUST INDIAN LUST	0.500 0.500		0 0	0 0	5 0	NR NR	NR NR	5 0		
Lists of state and tribal	registered sto	rage tanks								
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		s								
AZURITE AUL	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0		
Lists of state and tribal	voluntary clea	nup sites								
VCP INDIAN VCP	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0		
Lists of state and tribal	brownfield sit	es								
BROWNFIELDS	0.500		0	0	0	NR	NR	0		
ADDITIONAL ENVIRONMI	ENTAL RECOR	<u>os</u>								
Local Brownfield lists										
US BROWNFIELDS	0.500		0	0	0	NR	NR	0		
Local Lists of Landfill / 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 Hazardou Contaminated Sites	s waste /									
US HIST CDL CDL US CDL	TP TP TP		NR NR NR	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0		
Local Land Records										
LIENS 2	TP		NR	NR	NR	NR	NR	0		
Records of Emergency Release Reports										
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 Rec	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		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR EPA WATCH LIST	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	Ő
TRIS	TP		NR	NR	NR	NR	NR	Ö
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP PADS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	Ő
MLTS	TP		NR	NR	NR	NR	NR	Ō
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS DOT OPS	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		Ő	ő	Ö	Õ	NR	ő
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP	_	NR	NR	NR	NR	NR	0
US MINES	0.250	3	0	0	NR	NR	NR	3
ABANDONED MINES MINES MRDS	0.250 0.250	1 4	0 2	0 0	NR NR	NR NR	NR NR	1 6
FINDS	0.230 TP	1	NR	NR	NR	NR	NR	1
DOCKET HWC	TP		NR	NR	NR	NR	NR	Ö
ECHO	TP		NR	NR	NR	NR	NR	Ö
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS PFAS TSCA	0.250 0.250		0 0	0 0	NR NR	NR NR	NR NR	0 0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		Ő	ő	NR	NR	NR	Ő
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN PFAS PT 139 AIRPORT	0.250		0	0	NR NB	NR NB	NR	0
AQUEOUS FOAM NRC	0.250 0.250		0 0	0 0	NR NR	NR NR	NR NR	0 0
BIOSOLIDS	0.230 TP		NR	NR	NR	NR	NR	0
=:300=:20	• •							•

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST FINDER RELEASE UST FINDER E MANIFEST PFAS AQUEOUS FOAM AIRS Aquifer AZ DOD Dry Wells DRYCLEANERS EMAP Enforcement	0.500 0.250 0.250 0.250 0.250 TP TP 0.500 TP 0.250 TP	1 5 1	0 0 0 0 0 0 NR NR 0 NR 0 NR	0 0 0 0 0 0 0 NR 0 NR 0 NR 0 NR 0 NR 0	4 NR NR NR NR NR NR NR NR NR NR NR NR NR	R R R R R R R R R R R R R R R R R R R	NR NR NR NR NR NR NR NR NR NR NR NR NR N	4 0 0 0 0 0 1 0 0 0 5 1
Financial Assurance MANIFEST SPDES VAPOR UIC WWFAC DRYWELLS HIST  EDR HIGH RISK HISTORIC  EDR Exclusive Records	TP 0.250 TP 0.500 TP 0.500 TP	1	NR 0 NR 0 NR 1 NR	NR 0 NR 0 NR 0 NR	NR NR NR O NR O NR	NR NR NR NR NR NR	NR NR NR NR NR NR	0 0 0 0 0 2 0
EDR MGP EDR Hist Auto EDR Hist Cleaner EDR RECOVERED GOVER	1.000 0.125 0.125 NMENT ARCH	IVES	0 0 0	0 NR NR	0 NR NR	0 NR NR	NR NR NR	0 0 0
Exclusive Recovered Go								
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		18	3	3	9	0	0	33

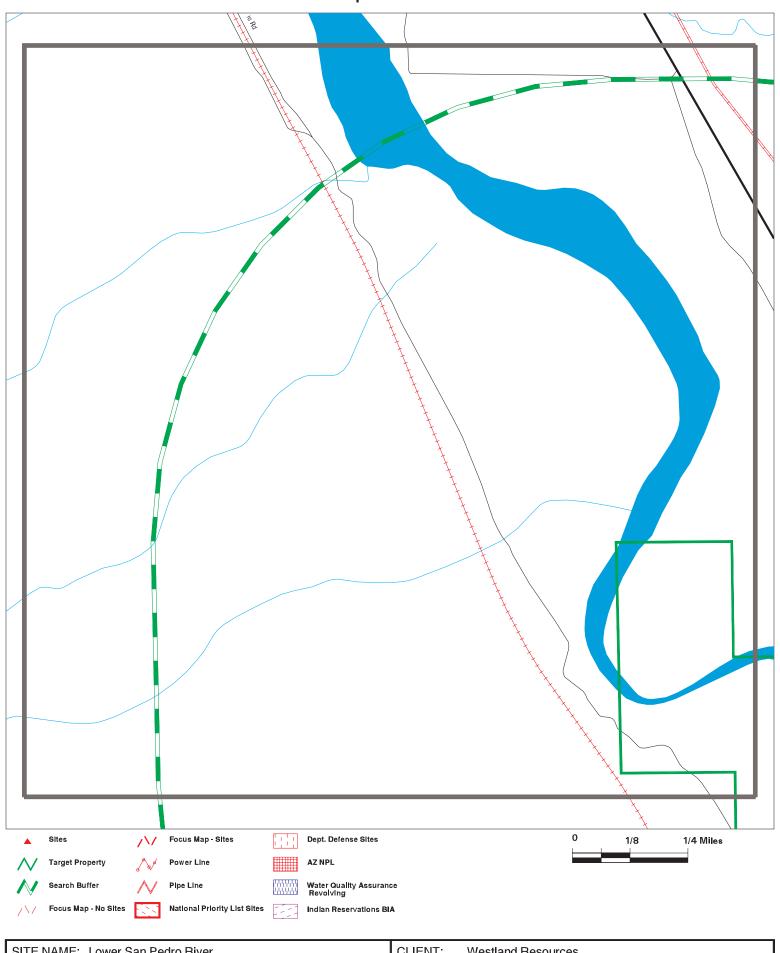
### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

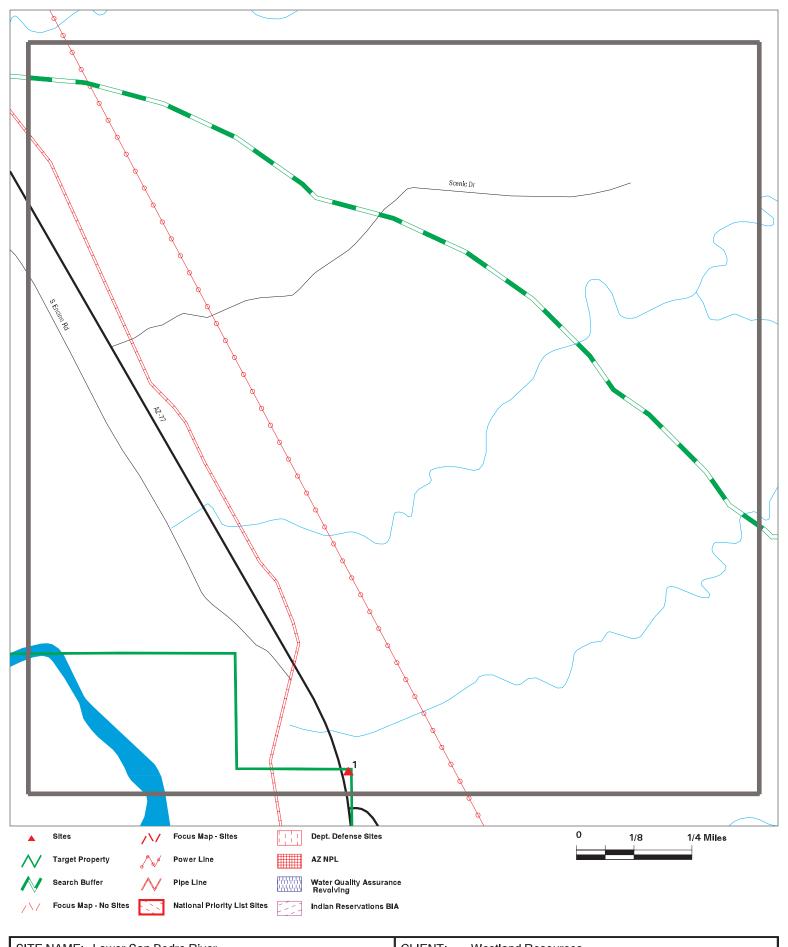
Focus Map - 1 - 7905033.2s



CLIENT: Westland Resources CONTACT: Samantha Blonder INQUIRY#: 7905033.2s DATE: 02/21/25

Target Property:
MAMMOTH, ARIZONA
MAMMOTH, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION



CLIENT: Westland Resources CONTACT: Samantha Blonder INQUIRY#: 7905033.2s DATE: 02/21/25

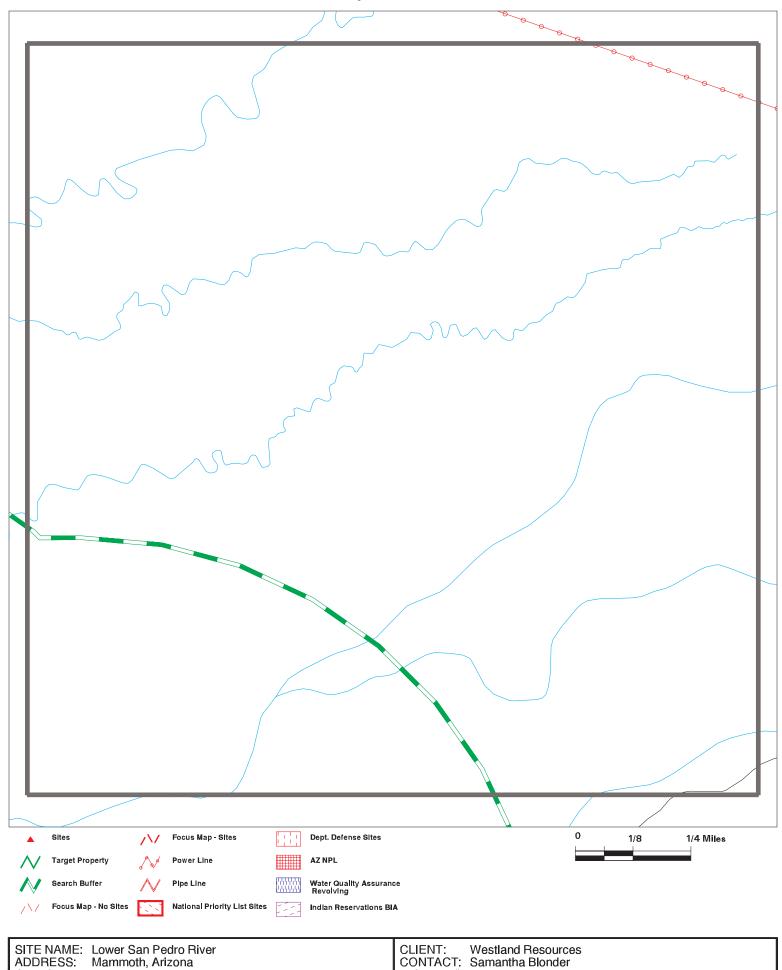
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Target Property:
MAMMOTH, ARIZONA
MAMMOTH, AZ 85631

MAP ID / DIST (ft. & mi.)
FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

1/2 PHOENIX FUEL RIVER RD & HWY 77/CL SPILLS TP

Focus Map - 3 - 7905033.2s



CITY/STATE: Mammoth AZ

85631

ZIP:

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INQUIRY#: 7905033.2s

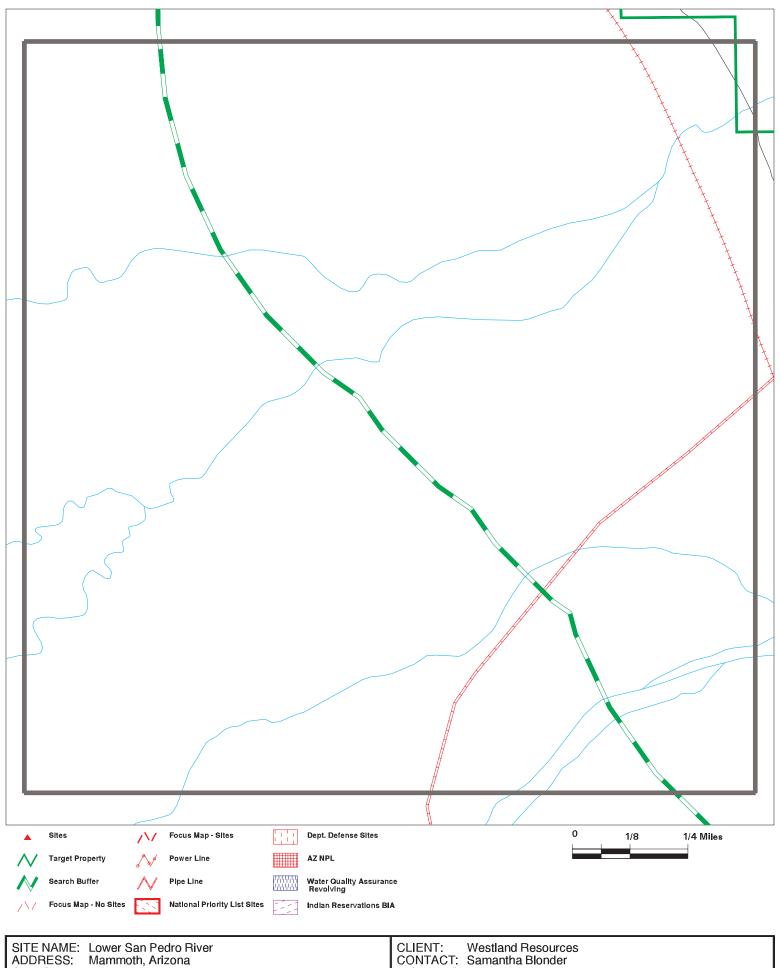
02/21/25

DATE:

Target Property:
MAMMOTH, ARIZONA
MAMMOTH, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

Focus Map - 4 - 7905033.2s



CITY/STATE: Mammoth AZ ZIP: 85631

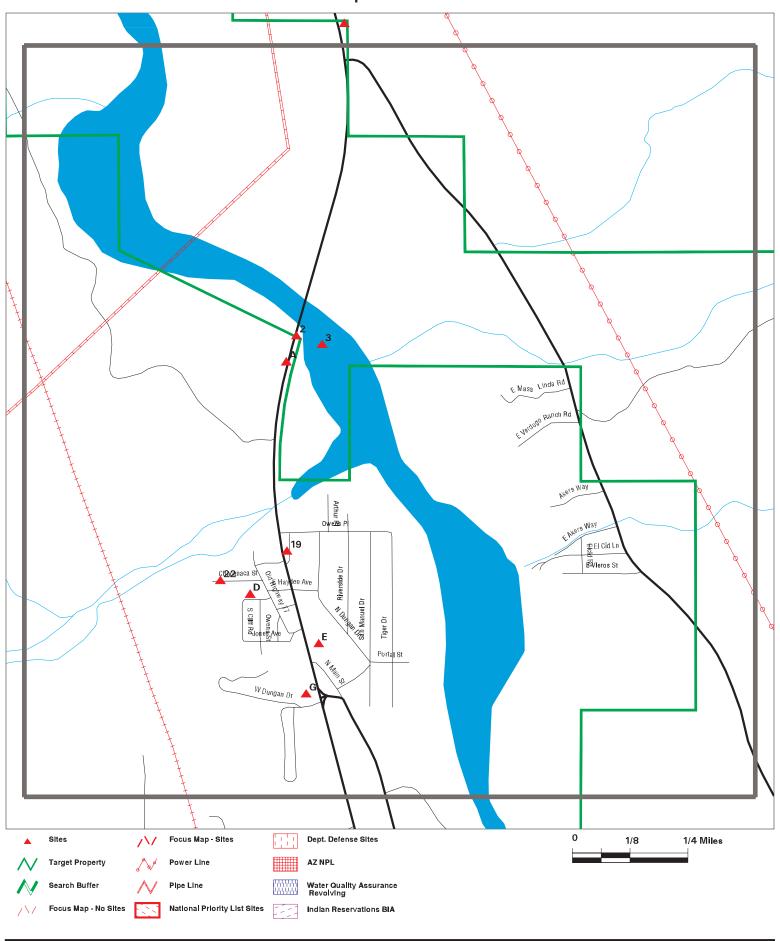
CLIENT: Westland Resource CONTACT: Samantha Blonder INQUIRY#: 7905033.2s 02/21/25 DATE:

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Target Property:
MAMMOTH, ARIZONA
MAMMOTH, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

Focus Map - 5 - 7905033.2s

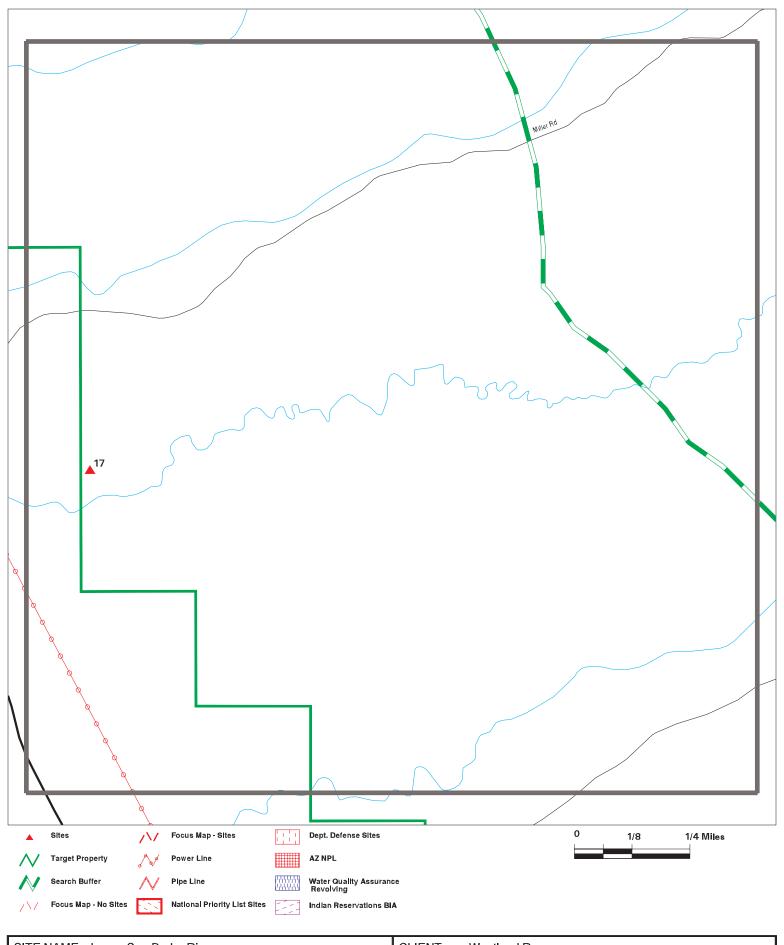


CLIENT: Westland Resources
CONTACT: Samantha Blonder
INQUIRY#: 7905033.2s
DATE: 02/21/25

Target Property: MAMMOTH, ARIZONA MAMMOTH, 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
3/5	GW NORTHWEST WELL PO	14610 HIGHWAY 77	EMAP	TP
A4 / 5	TOWN OF MAMMOTH - CI		EMAP, Enforcement	TP
A5 / 5	TOWN OF MAMMOTH - WW	14610 HIGHWAY 77	EMAP	TP
A6 / 5	TOWN OF MAMMOTH - CI		Aquifer, WWFAC	TP
A7 / 5	POD INTO EVAP / PERC	14610 HIGHWAY 77	EMAP	TP
A8 / 5	FACILITY INSPECTION	14610 HIGHWAY 77	EMAP	TP
A16 / 5	MAMMOTH, TOWN OF - W	14610 HIGHWAY 77	FINDS, Enforcement, WWFAC	85 0.016 WNW
19 / 5	CREOLA DUNGEN	15062 S HIGHWAY 77	UST	805 0.152 South
22 / 5	SAN CARLOS PROJECT		LUST, UST	1326 0.251 SSW
D23 / 5	PINAL APN #306-13-12	203 W HAYDEN AVE	UST FINDER, UST FINDER RELEASE	1340 0.254 SSW
D24 / 5	PINAL APN #306-13-12	203 W HAYDEN AVE	LUST, UST, EMAP	1340 0.254 SSW
E25 / 5	PINAL APN #306-13-20	713 N HIGHWAY 77	LUST, UST, EMAP	1858 0.352 South
E26 / 5	PINAL APN #306-13-20	713 N HIGHWAY 77	UST FINDER, UST FINDER RELEASE	1858 0.352 South
G29 / 5	PARCEL NO. 306-13-17	706 N HIGHWAY 77	UST FINDER, UST FINDER RELEASE	2433 0.461 South
G30 / 5	PARCEL NO. 306-13-17	706 N HIGHWAY 77	LUST, UST, EMAP, Enforcement	2433 0.461 South

Focus Map - 6 - 7905033.2s



CLIENT: Westland Resources
CONTACT: Samantha Blonder
INQUIRY #: 7905033.2s
DATE: 02/21/25

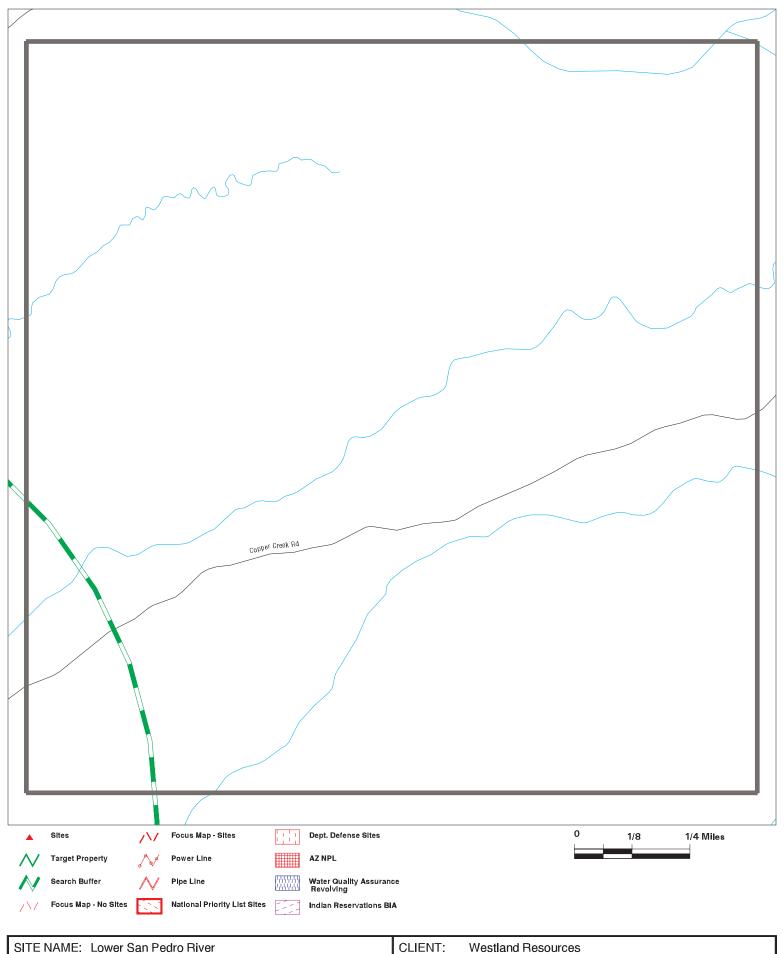
Copyright © 2025 EDR, Inc. © 2015 TomTom Rel. 2015.

Target Property: MAMMOTH, ARIZONA MAMMOTH, AZ 85631

MAP ID / DIST (ft. & mi.)
FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

17/6 REYNOLAS AND CLINE P MINES MRDS 106 0.020 East

Focus Map - 7 - 7905033.2s

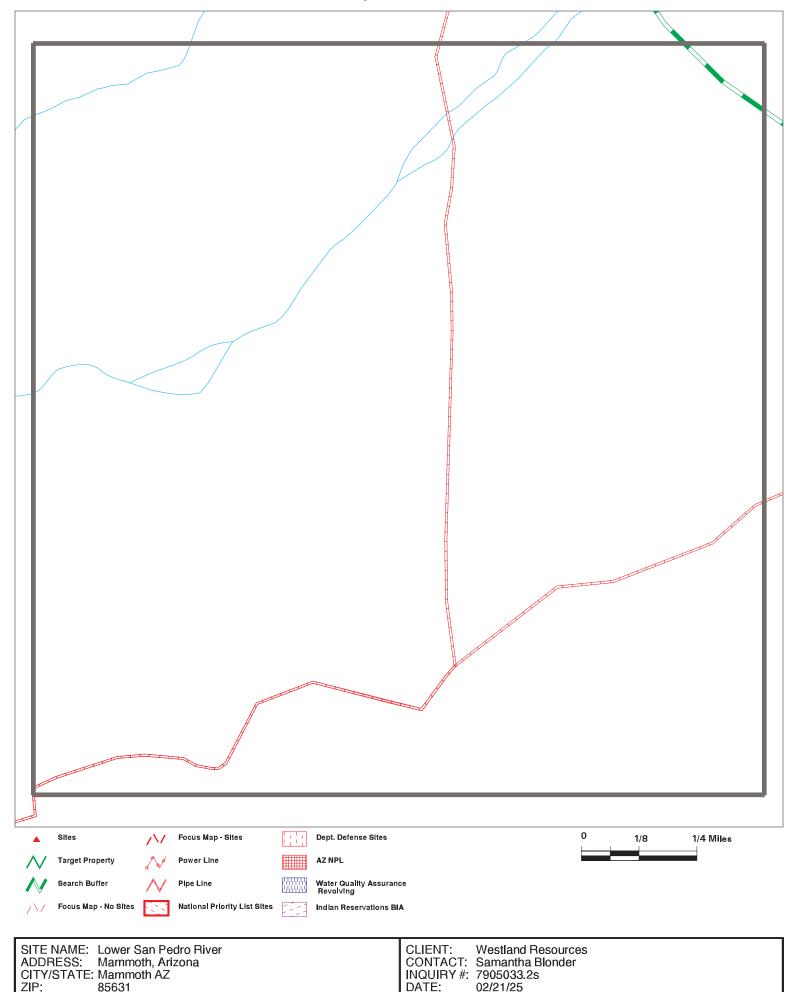


CLIENT: Westland Resources
CONTACT: Samantha Blonder
INQUIRY#: 7905033.2s
DATE: 02/21/25

Target Property:
MAMMOTH, ARIZONA
MAMMOTH, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

Focus Map - 8 - 7905033.2s

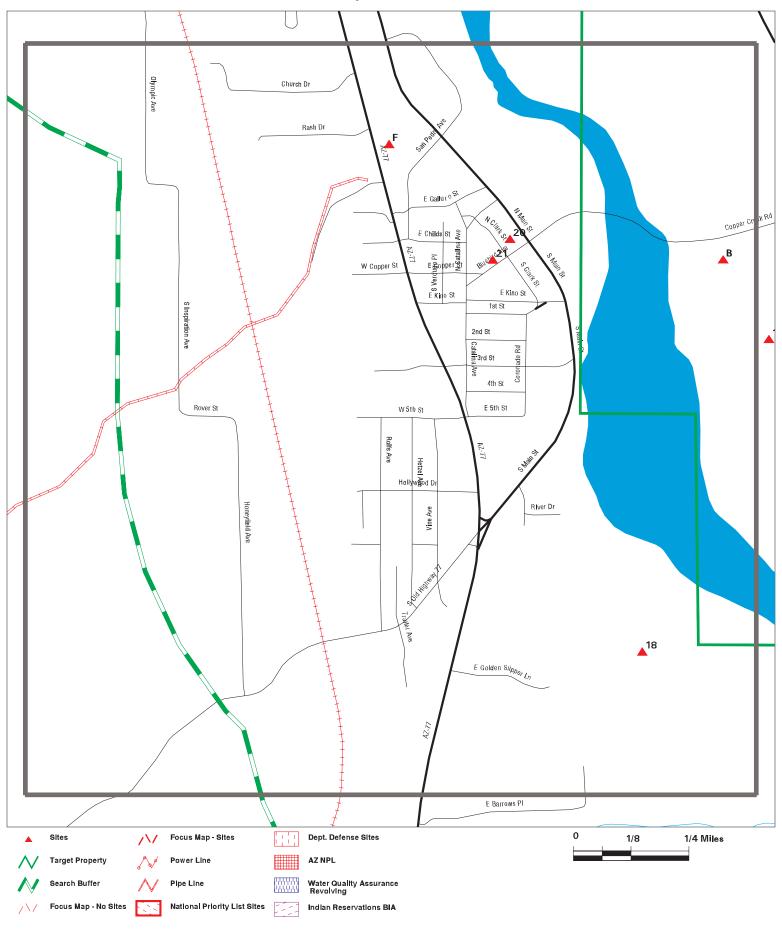


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Target Property:
MAMMOTH, ARIZONA
MAMMOTH, AZ 85631

MAP ID / DIST (ft. & mi.)
FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

### Focus Map - 9 - 7905033.2s



SITE NAME: Lower San Pedro River ADDRESS: Mammoth, Arizona CITY/STATE: Mammoth AZ

85631

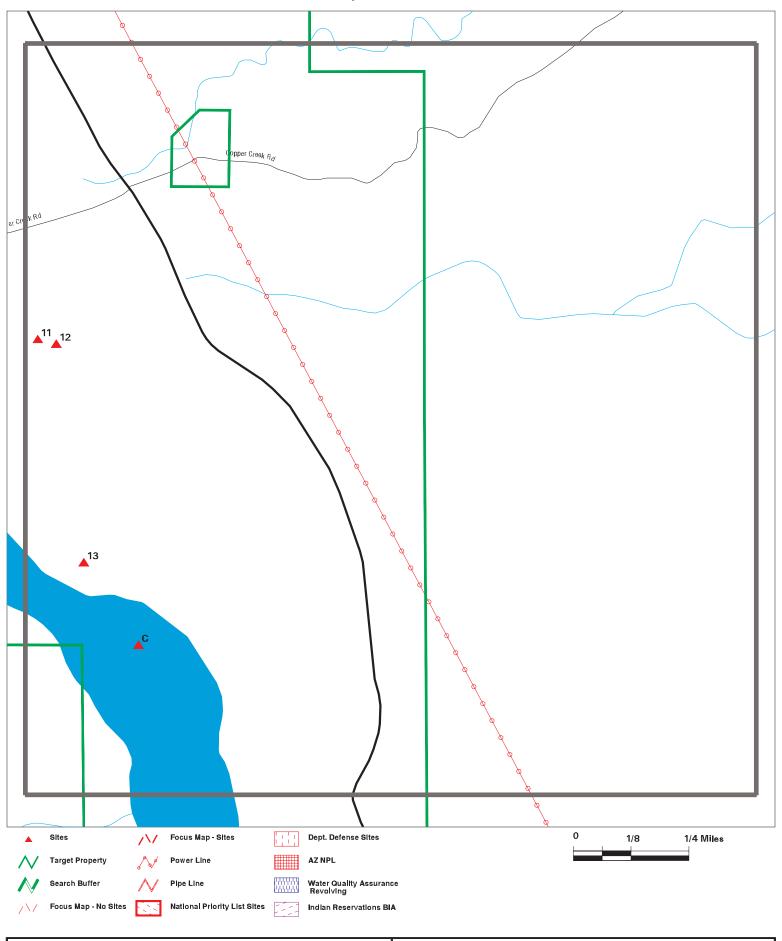
ZIP:

CLIENT: Westland Resources CONTACT: Samantha Blonder INQUIRY #: 7905033.2s DATE: 02/21/25

Target Property: MAMMOTH, ARIZONA MAMMOTH, AZ 85631

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS		ft. & m	,
B9 / 9	CLARKS GRAVEL QUARRY		MINES MRDS	TP		
B10/9	F.L. CLARK TRUCKING		MINES MRDS	TP		
18/9	PORPHYRY EXPLORATION		MINES MRDS	644	0.122	West
20 / 9	FRED L CLARK TRUCKIN	104 N MAIN ST	UST	809	0.153	West
21 / 9	TOWN OF MAMMOTH	125 N CLARK ST	UST	1004	0.190	West
F27 / 9	CIRCLE K #2700853	307 N HIGHWAY 77	UST FINDER, UST FINDER RELEASE	2192	0.415	West
F28 / 9	CIRCLE K #2700853	307 N HIGHWAY 77 ST	LUST, UST, EMAP, Enforcement, Financial	2266	0.429	West

### Focus Map - 10 - 7905033.2s

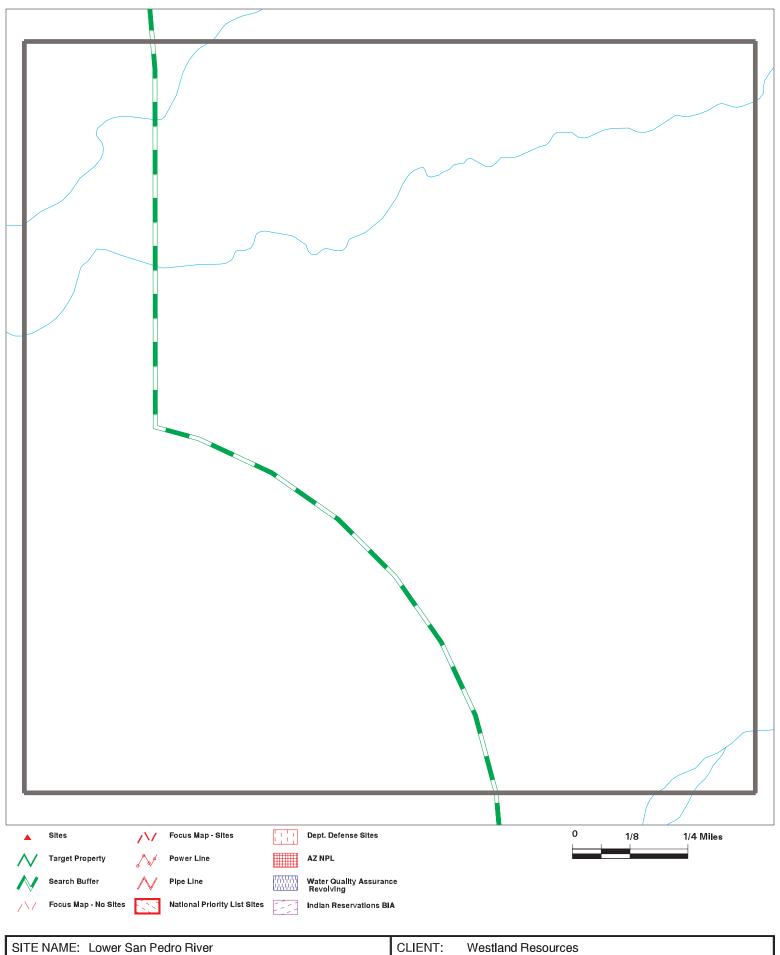


SITE NAME: Lower San Pedro River ADDRESS: Mammoth, Arizona CITY/STATE: Mammoth AZ ZIP: 85631 CLIENT: Westland Resources CONTACT: Samantha Blonder INQUIRY #: 7905033.2s DATE: 02/21/25

Target Property: MAMMOTH, ARIZONA MAMMOTH, AZ 85631

MAP ID / FOCUS MAP	SITE NAME	ADDRESS	DATABASE ACRONYMS	DIST (ft. & mi.) DIRECTION
11 / 10	PIT NO.1		MINES MRDS	TP
12 / 10	METRO MATERIALS GLOB		US MINES	TP
13 / 10	TIGER TAILINGS DUMP		MINES MRDS	TP
C14 / 10	WHITE CLIFFS MINE &	94294 RIVER ROAD	US MINES, ABANDONED MINES	TP
C15 / 10	ST. CLOUD MINING CO		US MINES	TP

### Focus Map - 11 - 7905033.2s



ADDRESS: Mammoth, Arizona CITY/STATE: Mammoth AZ ZIP:

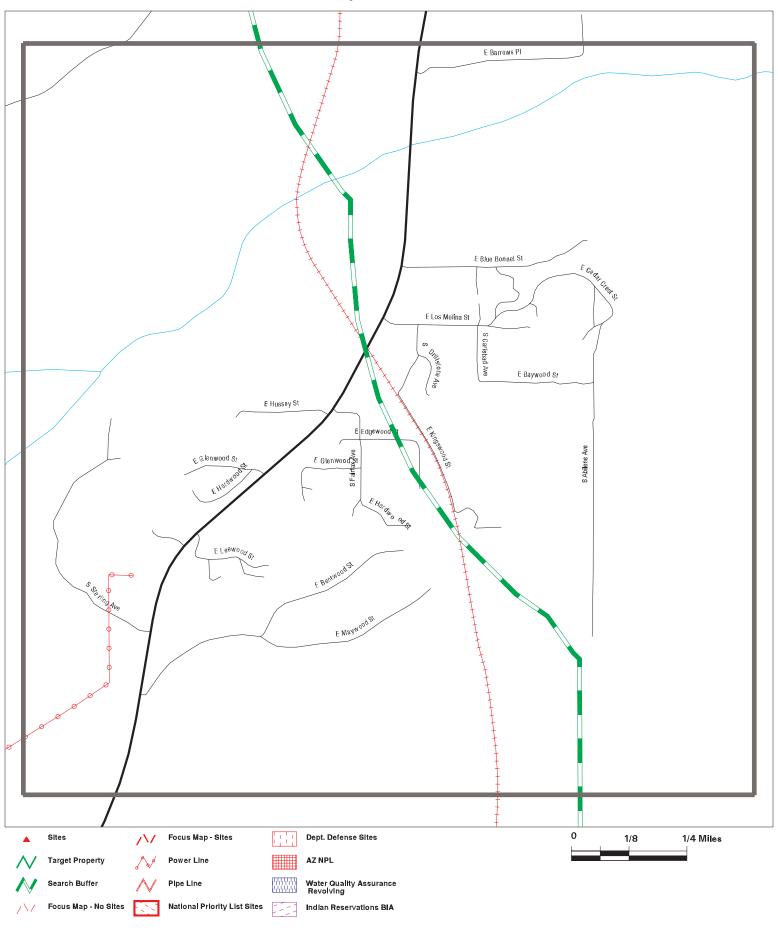
85631

CLIENT: Westland Resources CONTACT: Samantha Blonder INQUIRY#: 7905033.2s DATE: 02/21/25

Target Property:
MAMMOTH, ARIZONA
MAMMOTH, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

## Focus Map - 12 - 7905033.2s



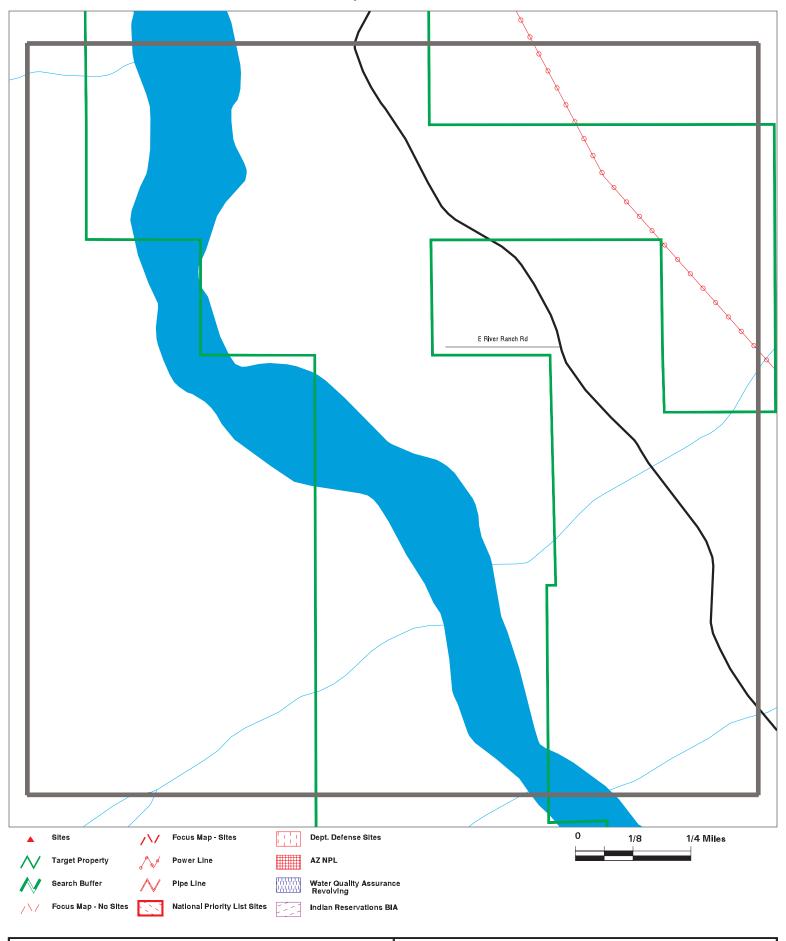
SITE NAME: Lower San Pedro River ADDRESS: Mammoth, Arizona CITY/STATE: Mammoth AZ ZIP: 85631 CLIENT: Westland Resources CONTACT: Samantha Blonder INQUIRY #: 7905033.2s DATE: 02/21/25

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Target Property:
MAMMOTH, ARIZONA
MAMMOTH, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

Focus Map - 13 - 7905033.2s



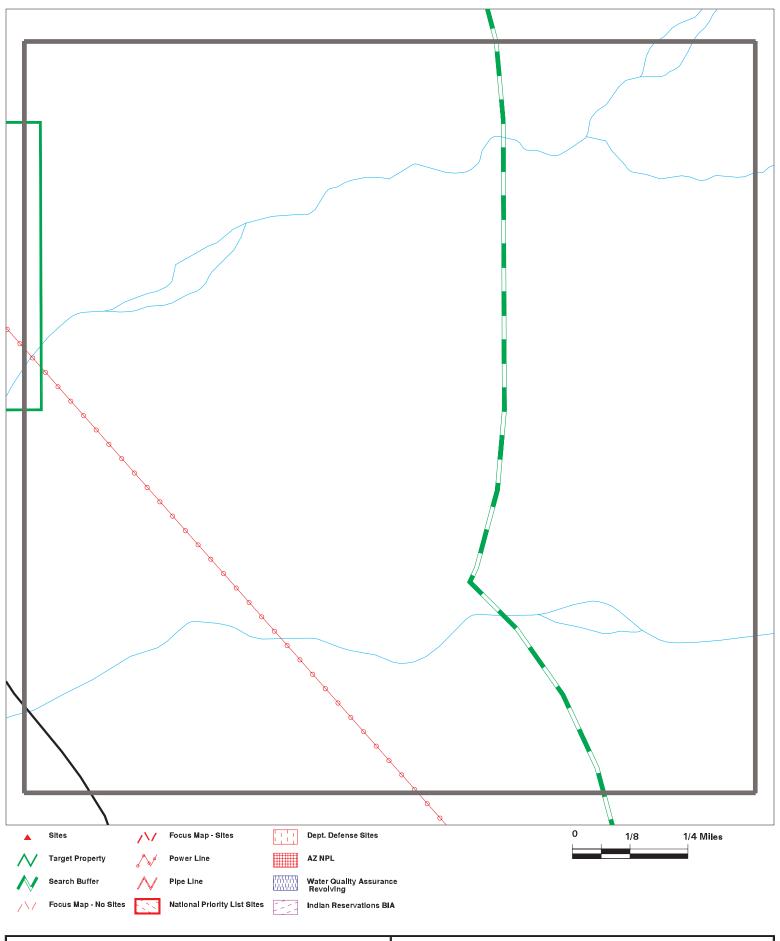
CLIENT: Westland Resources
CONTACT: Samantha Blonder
INQUIRY #: 7905033.2s
DATE: 02/21/25

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Target Property:
MAMMOTH, ARIZONA
MAMMOTH, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

Focus Map - 14 - 7905033.2s



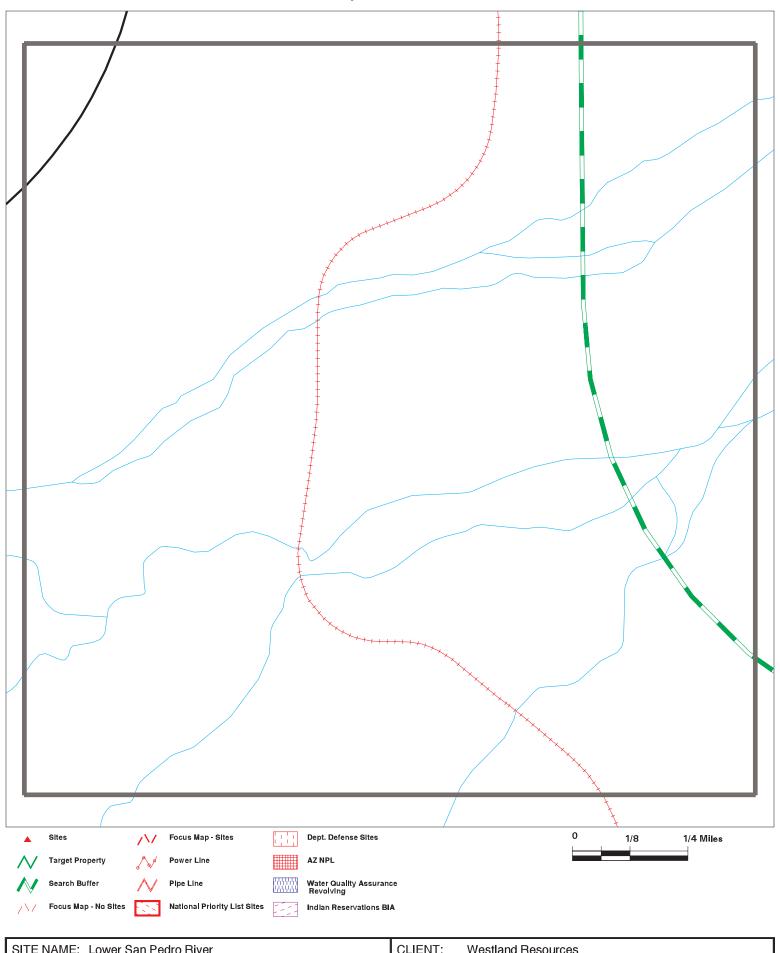
CLIENT: Westland Resources CONTACT: Samantha Blonder INQUIRY#: 7905033.2s DATE: 02/21/25

Target Property:
MAMMOTH, ARIZONA
MAMMOTH, AZ 85631

MAP ID /
FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS

DIST (ft. & mi.) DIRECTION

Focus Map - 15 - 7905033.2s



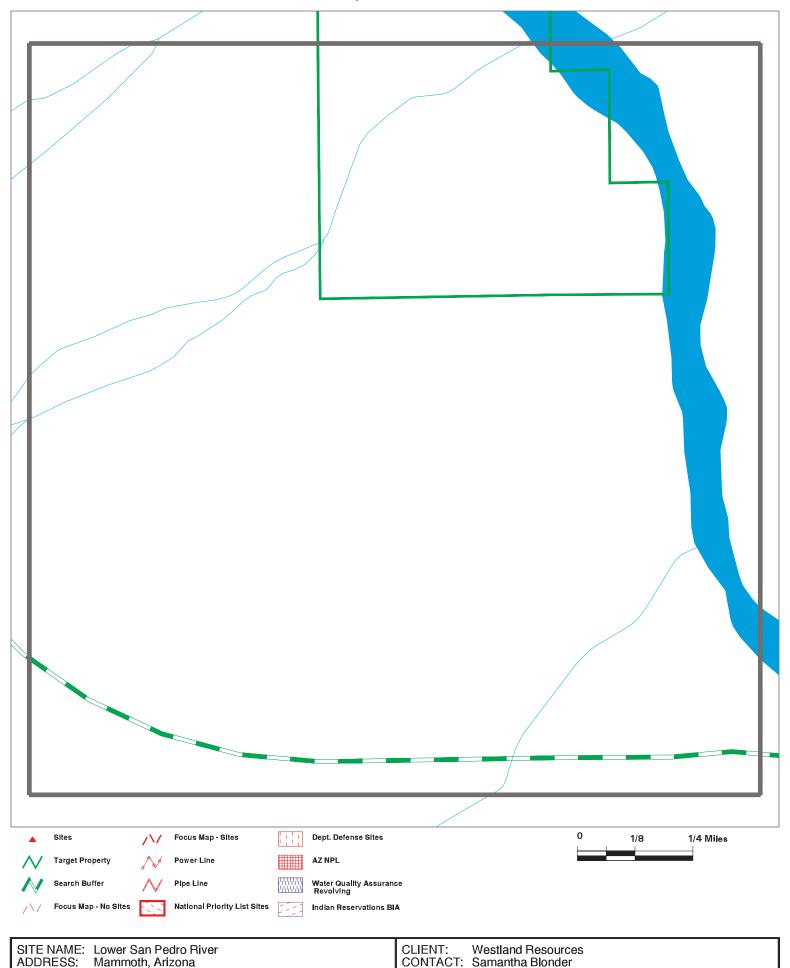
85631

CLIENT: Westland Resource CONTACT: Samantha Blonder Westland Resources INQUIRY#: 7905033.2s DATE: 02/21/25

Target Property:
MAMMOTH, ARIZONA
MAMMOTH, AZ 85631

MAP ID / DIST (ft. & mi.) FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS DIRECTION

Focus Map - 16 - 7905033.2s



CITY/STATE: Mammoth AZ

85631

ZIP:

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INQUIRY#: 7905033.2s

02/21/25

DATE:

# MAPPED SITES SUMMARY - FOCUS MAP 16

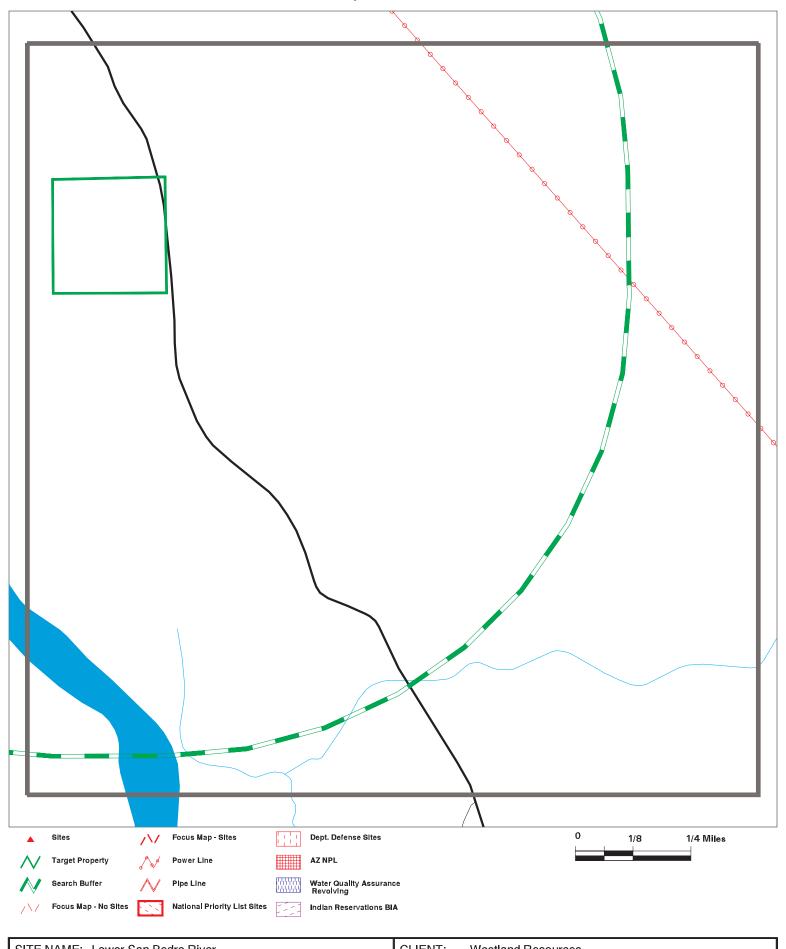
Target Property:
MAMMOTH, ARIZONA
MAMMOTH, AZ 85631

MAP ID /
FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS

DIST (ft. & mi.) DIRECTION

NO MAPPED SITES FOUND

Focus Map - 17 - 7905033.2s



SITE NAME: Lower San Pedro River ADDRESS: Mammoth, Arizona CITY/STATE: Mammoth AZ ZIP: 85631 CLIENT: Westland Resources CONTACT: Samantha Blonder INQUIRY#: 7905033.2s DATE: 02/21/25

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# MAPPED SITES SUMMARY - FOCUS MAP 17

Target Property:
MAMMOTH, ARIZONA
MAMMOTH, AZ 85631

MAP ID /
FOCUS MAP SITE NAME ADDRESS DATABASE ACRONYMS

DIST (ft. & mi.) 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:

PHOENIX FUEL Name:

RIVER RD & HWY 77/CLARK PIT #1 Actual: Address:

2322 ft. City, State, Zip: MAMMOTH, AZ Focus Map: Referred to: SWU & APP Property Mngmt: Private

Fund Amount: Pvt/Unk Incident Date: 05/25/1994 Chemicals: Diesel Quantity: 2-2500 gals. Response Date: N/A Incident Number: 94-028-C Referral Date: 5/25/1994 Type: Release Structure: Tank Date Report: 05/25/1994 Status: Not reported Comments: Not reported

**MAMMOTH WWTF FINDS** 1012271197 N/A

**Target** 14610 S. STATE RTE 77 MAMMOTH, AZ 85618 **Property** 

FINDS:

110055977420 Registry ID:

Actual:

2319 ft. Click Here for FRS Facility Detail Report: Focus Map: Environmental Interest/Information System:

The Arizona Unified Repository for Informational Tracking of the Environment (AZURITE) is a database used by the Arizona Department of Environmental Quality (ADEQ) for environmental enforcement and compliance reporting to the Permit and Compliance System (PCS) 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.

**GW NORTHWEST WELL POC EMAP** S128057206 14610 HIGHWAY 77 N/A **Target** 

MAMMOTH, AZ 85618 **Property** 

EMAP:

Name: **GW NORTHWEST WELL POC** 

Actual: Address: 14610 HIGHWAY 77 2323 ft. City, State, Zip: MAMMOTH, AZ 85618

ID Number: 18021 Focus Map: Township: 8 Range: 17

Section: 18 Quarter 1: Not reported Quarter 2: Not reported Quarter 3: Not reported Latitude: 32.74166667

-110.64722222 Longitude:

Collection Method: PROVIDED IN A WATER QUALITY PERMIT

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**GW NORTHWEST WELL POC (Continued)** 

S128057206

WASTEWATER MONITORING POINT Place Type:

Place Type Code: RO

Place C Code: **REGULATED OBJECTS** 

Facility Status: **ACTIVE** End Date: Not reported

Verified:

Α4 **TOWN OF MAMMOTH - CIELO WWTP** 

**EMAP** S117617912 **Enforcement** 

N/A

**Target** 

MAMMOTH, AZ **Property** 

Site 1 of 6 in cluster A

Actual: EMAP: 2328 ft.

Name: TOWN OF MAMMOTH - CIELO WWTP

Focus Map:

Address: Not reported City, State, Zip: MAMMOTH, AZ

91551 ID Number: Township: 9 Range: 15 Section: 11

Quarter 1: Not reported Not reported Quarter 2: Not reported Quarter 3: 32.74106667 Latitude: Lonaitude: -110.64827222 Collection Method: **DIGITAL IMAGERY** 

WASTEWATER TREATMENT PLANT Place Type:

Place Type Code: PP

Place C Code: PHYSICAL PROPERTIES

Facility Status: **ACTIVE** End Date: Not reported

Verified: Υ

ENF:

Facility ID: 91551

Name: TOWN OF MAMMOTH - CIELO WWTP

Not reported Address: MAMMOTH, AZ City,State,Zip: Case ID: 136521

Facility Type: WASTEWATER TREATMENT PLANT

Notice Type: Not reported Notice Issue Date: 02/11/2013 Order Type: Not reported Order Issue Date: Not reported 03/12/2013 Closed Date: Faciltiy Status: Case Closed

ARIZ POLLUTANT DISCHARGE ELIMINATION SYSTEM Env Program:

Notice Type Code: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

Α5 **TOWN OF MAMMOTH - WWTP EMAP** S128056798 **Target** 14610 HIGHWAY 77

N/A

**EDR ID Number** 

MAMMOTH, AZ 85618 **Property** 

Site 2 of 6 in cluster A

Actual: EMAP: 2328 ft.

TOWN OF MAMMOTH - WWTP Name:

Focus Map:

14610 HIGHWAY 77 Address: MAMMOTH, AZ 85618 City,State,Zip:

ID Number: 1577 Township: 8 Range: 17 Section: 18 Quarter 1: С Quarter 2: а Quarter 3:

Latitude: 32.74106639 Longitude: -110.64827333

Collection Method: GPS WITH CORRECTION < 3 METER ERROR

Place Type: WASTEWATER TREATMENT PLANT

Place Type Code: PP

Place C Code: PHYSICAL PROPERTIES

Facility Status: **ACTIVE** End Date: Not reported

Verified:

A6 **TOWN OF MAMMOTH - CIELO WWTP** 

Aquifer S108106929 **Target** 

**WWFAC** N/A

**Property** MAMMOTH, AZ 85326

Site 3 of 6 in cluster A

AQUIFER: Actual:

2328 ft. TOWN OF MAMMOTH - CIELO WWTP Name:

Address: Not reported Focus Map:

MAMMOTH, AZ 85326 City,State,Zip:

105647 Invoice #: Place ID: 91551 LTF Number: 60498

Permit Type: APP, Individual Permit, Minor Amendment

Permit Status:

AZ PDES Permit #: Not reported

Facility Type: WASTEWATER TREATMENT PLANT

Latitude: 32.741066667 Longitude: 110.648272222 06/13/2014 Issue Date: Expire Date: Not reported Town Of Mammoth App Name: App Address: PO BOX 130

App City/State/Zip: MAMMOTH, AZ 85618 Phone: (520) 487-2331 Email: Not reported

WWFAC:

Place ID: 91551 Inventory ID: 105647 Facility Code: **WWTP** 

Facility Type: WASTEWATER TREATMENT PLANT

Direction Distance

**Target** 

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

A7 POD INTO EVAP / PERCO PONDS EMAP S128057204

14610 HIGHWAY 77 N/A

Property MAMMOTH, AZ 85618

Site 4 of 6 in cluster A

Actual: EMAP: 2328 ft. Name:

2328 ft.Name:POD INTO EVAP / PERCO PONDSFocus Map:Address:14610 HIGHWAY 77

Focus Map: Address. 14010111GHWA1 77

5 City,State,Zip: MAMMOTH, AZ 85618

 ID Number:
 18020

 Township:
 8

 Range:
 17

 Section:
 18

 Quarter 1:
 Not representations.

Quarter 1: Not reported
Quarter 2: Not reported
Quarter 3: Not reported
Latitude: 32.74083333
Longitude: -110.64805556

Collection Method: PROVIDED IN A WATER QUALITY PERMIT Place Type: WASTEWATER MONITORING POINT

Place Type Code: RO

Place C Code: REGULATED OBJECTS

Facility Status: ACTIVE End Date: Not reported

Verified: Y

A8 FACILITY INSPECTION EMAP \$128057207

Target 14610 HIGHWAY 77 Property MAMMOTH, AZ 85618

Site 5 of 6 in cluster A

Actual: EMAP: 2328 ft. Name: FACILITY INSPECTION

Focus Map: Address: 14610 HIGHWAY 77 5 City, State, Zip: MAMMOTH, AZ 85618

 ID Number:
 18022

 Township:
 8

 Range:
 17

 Section:
 18

Quarter 1:Not reportedQuarter 2:Not reportedQuarter 3:Not reportedLatitude:32.74083333Longitude:-110.64805556

Collection Method: PROVIDED IN A WATER QUALITY PERMIT Place Type: WASTEWATER MONITORING POINT

Place Type Code: RO

Place C Code: REGULATED OBJECTS

Facility Status: ACTIVE End Date: Not reported

Verified: Y

N/A

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

**B9 CLARKS GRAVEL QUARRY** MINES MRDS 1025755502 N/A

**Target** 

**Property** PINAL (County), AZ

Site 1 of 2 in cluster B

MINES MRDS: Actual: 2353 ft. Name:

**CLARKS GRAVEL QUARRY** Address: Not reported

Focus Map:

Deposit identification Number: 10283483 **ARIZONA** City, State, Zip:

URL: https://mrdata.usgs.gov/mrds/show-mrds.php?dep\_id=10283483

MRDS Identification Number: M241186 40210238 MAS/MILS Identification Number: Region: NA

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:** Past Producer Ore Minerals or Materials: Not reported Gangue Minerals or Materials: Not reported Other Minerals or Materials: Not reported Not reported Ore Body Form: 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: Not reported 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 Not reported Year Discovered: Not reported Found Before/After YD:

Discovery Information: Not reported Latitude: 32.7207 Longitude: -110.63238 Object ID: 276444 Score: Not reported

Production History:

Not reported

**EDR ID Number** 

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

**B10** F.L. CLARK TRUCKING CO. PLANT MINES MRDS 1025643839 N/A

**Target** 

**Property** PINAL (County), AZ

Site 2 of 2 in cluster B

MINES MRDS: Actual: 2353 ft. Name:

Focus Map: Address: Not reported

Deposit identification Number: 10162357 City,State,Zip: **ARIZONA** 

URL: https://mrdata.usgs.gov/mrds/show-mrds.php?dep\_id=10162357

F.L. CLARK TRUCKING CO. PLANT

MRDS Identification Number: Not reported 40210019 MAS/MILS Identification Number: Region: NA

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

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 Previous Names: Not reported Not reported Ore Controls:

Reporter: Not reported 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 Not reported Year Discovered:

Not reported Production History: Discovery Information: Not reported Latitude: 32.7207 Longitude: -110.63238 Object ID: 158197 Score: Not reported

Found Before/After YD:

Not reported

**EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

11 PIT NO.1 MINES MRDS 1025666036 N/A

**Target** 

**Property** PINAL (County), AZ

MINES MRDS:

PIT NO.1 Name: Actual: Address: Not reported 2358 ft. Deposit identification Number: 10186497 ARIZONA

Focus Map:

City, State, Zip:

10

URL: https://mrdata.usgs.gov/mrds/show-mrds.php?dep\_id=10186497

MRDS Identification Number: Not reported 40210075 MAS/MILS Identification Number: Region: NA

**United States** Country:

Sand and Gravel, Construction

Primary Commodities: 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 Not reported Mineral Deposit Model: Alteration Processes: Not reported Concentration Processes: Not reported Previous Names: Not reported Ore Controls: Not reported Reporter: Not reported Host Rock Unit Name: Not reported Host Rock Type: Not reported Associated Rock Unit Name: Not reported Associated Rock Type Code: Not reported Not reported Structural Characteristics: 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 Not reported Production History: Not reported Discovery Information: 32.7182 Latitude: Longitude: -110.63068 Object ID: 181759 Score: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

12 **METRO MATERIALS GLOBE US MINES** 1011121206 N/A

**Target** 

**Property** PINAL (County), AZ

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 10 Sic Code(s): 000000

Mine ID: 0200656 **Entity Name: MAMMOTH** 

Company: METRO MATERIALS GLOBE Status: Permanently Abandoned

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 00 Longitude Seconds: Number of Pits: 000

13 **TIGER TAILINGS DUMP** MINES MRDS 1025688527 N/A

**Target** 

10

PINAL (County), AZ **Property** 

MINES MRDS:

Name: TIGER TAILINGS DUMP

Actual: Address: Not reported 2378 ft. 10210869 Deposit identification Number: ARIZONA City,State,Zip: Focus Map:

URL: https://mrdata.usgs.gov/mrds/show-mrds.php?dep\_id=10210869

MRDS Identification Number: Not reported MAS/MILS Identification Number: 40210021 Region: NA Country: **United States** Primary Commodities: Copper Secondary Commodities: Not reported

**Tertiary Commodities:** Gold, Silver 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 Previous Names: Not reported

Ore Controls: Not reported Not reported Reporter: Not reported Host Rock Unit Name:

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## TIGER TAILINGS DUMP (Continued)

1025688527

Host Rock Type: Not reported Not reported Associated Rock Unit Name: Associated Rock Type Code: Not reported Structural Characteristics: Not reported Tectonic Setting: Not reported Not reported References: Not reported First Production Year: 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 32.7112 Latitude: Longitude: -110.62898 Object ID: 205533 Score: Not reported

C14 WHITE CLIFFS MINE & PLANT **Target** 94294 RIVER ROAD

**Property** MAMMOTH, AZ 87943

1024905468 **US MINES ABANDONED MINES** N/A

#### Site 1 of 2 in cluster C

Actual: MINES VIOLATIONS:

2379 ft. Name: WHITE CLIFFS MINE & PLANT

Address: 94294 RIVER ROAD Focus Map: City,State,Zip: MAMMOTH, AZ 85618

Facility ID: Not reported

MINES VIOLATIONS:

Violation Number: 6053976 Mine ID: 0202342 Contractor ID: Not reported 02/11/2008 Date Issued: Action Type: 104(a) Type of Issue: Citation S and S: Ν Term Date: 02/11/2008

Title 30 Code of Federal Regulations: 57.14132(b)(1) Proposed Penalty: 100.00 100.00 Assessment Amount: Paid Penalty Amount: 100.00 Assessment Case Status: Proposed Assessment Status: Closed Year: 2008 Address Type: MineLocation PO Box: Not reported 94294 RIVER ROAD Address:

City: MAMMOTH

State: ΑZ

Operator: St. Cloud Mining Co

Zip:

Mine Controller Name: Imagin Minerals Incorporated Name: WHITE CLIFFS MINE & PLANT

Ownership Date: 09/29/2010 Mine Status: Abandoned

Direction Distance

Elevation Site Database(s) EPA ID Number

## WHITE CLIFFS MINE & PLANT (Continued)

1024905468

**EDR ID Number** 

Status Date: 01/01/2012

Primary Site Description: Diatomaceous Earth (Diatomite)

Mine Type: Surface State 2: AZ County: PINAL

Violation Number: 6293855 Mine ID: 0202342 Contractor ID: Not reported Date Issued: 09/11/2003 Action Type: 107(a) Type of Issue: Order S and S: Not reported Term Date: 10/30/2003 Title 30 Code of Federal Regulations: Not reported Proposed Penalty: Not reported Assessment Amount: Not reported Paid Penalty Amount: Not reported Assessment Case Status: Not reported Assessment Status: Not reported Year: 2003 Address Type: MineLocation PO Box: Not reported Address: 94294 RIVER ROAD

City: MAMMOTH

State: AZ

Operator: St. Cloud Mining Co

Zip: 85618

Mine Controller Name: Imagin Minerals Incorporated Name: WHITE CLIFFS MINE & PLANT

Ownership Date: 09/29/2010
Mine Status: Abandoned
Status Date: 01/01/2012

Primary Site Description: Diatomaceous Earth (Diatomite)

Mine Type: Surface State 2: AZ County: PINAL

 Violation Number:
 6293856

 Mine ID:
 0202342

 Contractor ID:
 Not reported

 Date Issued:
 09/11/2003

 Action Type:
 104(a)

 Type of Issue:
 Citation

S and S: Y
Term Date: 10/30/2003

Title 30 Code of Federal Regulations: 56.3200 Proposed Penalty: 177 Assessment Amount: 177 Paid Penalty Amount: 177 Assessment Case Status: Proposed Assessment Status: Closed 2003 Year: Address Type: MineLocation

PO Box: Not reported
Address: 94294 RIVER ROAD

City: MAMMOTH

Direction Distance

Elevation Site Database(s) EPA ID Number

## WHITE CLIFFS MINE & PLANT (Continued)

1024905468

**EDR ID Number** 

State: AZ

Operator: St. Cloud Mining Co

Zip: 85618

Mine Controller Name: Imagin Minerals Incorporated
Name: WHITE CLIFFS MINE & PLANT

Ownership Date: 09/29/2010
Mine Status: Abandoned
Status Date: 01/01/2012

Primary Site Description: Diatomaceous Earth (Diatomite)

Mine Type: Surface
State 2: AZ
County: PINAL

Violation Number: 6293858
Mine ID: 0202342
Contractor ID: Not reported
Date Issued: 09/11/2003
Action Type: 104(a)
Type of Issue: Citation
S and S: N

Term Date: 09/11/2003 Title 30 Code of Federal Regulations: 56.4201(a)(1)

Proposed Penalty: 60 Assessment Amount: 60 Paid Penalty Amount: 60 Assessment Case Status: Proposed Assessment Status: Closed Year: 2003 Address Type: MineLocation PO Box: Not reported

Address: 94294 RIVER ROAD
City: MAMMOTH

State: AZ

Operator: St. Cloud Mining Co

Zip: 85618

Mine Controller Name: Imagin Minerals Incorporated
Name: WHITE CLIFFS MINE & PLANT

Ownership Date: 09/29/2010
Mine Status: Abandoned
Status Date: 01/01/2012

Primary Site Description: Diatomaceous Earth (Diatomite)

Mine Type: Surface State 2: AZ County: PINAL

Violation Number: 6293859 Mine ID: 0202342 Contractor ID: Not reported Date Issued: 09/11/2003 Action Type: 104(a) Type of Issue: Citation S and S: 10/30/2003 Term Date: Title 30 Code of Federal Regulations: 56.12008 Proposed Penalty: 60 Assessment Amount: 60 Paid Penalty Amount: 60

Direction Distance

Elevation Site Database(s) EPA ID Number

## WHITE CLIFFS MINE & PLANT (Continued)

1024905468

**EDR ID Number** 

Assessment Case Status:

Assessment Status:

Closed
Year:

2003

Address Type:

MineLocation
PO Box:

Address:

94294 RIVER ROAD

City: MAMMOTH

State: AZ

Operator: St. Cloud Mining Co

Zip: 85618

Mine Controller Name: Imagin Minerals Incorporated
Name: WHITE CLIFFS MINE & PLANT

Ownership Date: 09/29/2010
Mine Status: Abandoned
Status Date: 01/01/2012

Primary Site Description: Diatomaceous Earth (Diatomite)

6293860

Mine Type: Surface
State 2: AZ
County: PINAL

Violation Number:

Mine ID: 0202342 Contractor ID: Not reported Date Issued: 09/11/2003 Action Type: 104(a) Type of Issue: Citation S and S: Ν Term Date: 09/16/2003 56.12032 Title 30 Code of Federal Regulations: Proposed Penalty: 60 Assessment Amount: 60 Paid Penalty Amount: 60 Assessment Case Status: Proposed Closed Assessment Status: 2003 Year: Address Type: MineLocation PO Box: Not reported 94294 RIVER ROAD Address:

City: MAMMOTH

State: AZ

Operator: St. Cloud Mining Co

Zip: 85618

Mine Controller Name: Imagin Minerals Incorporated
Name: WHITE CLIFFS MINE & PLANT

Ownership Date: 09/29/2010
Mine Status: Abandoned
Status Date: 01/01/2012

Primary Site Description: Diatomaceous Earth (Diatomite)

Mine Type: Surface State 2: AZ County: PINAL

 Violation Number:
 6293861

 Mine ID:
 0202342

 Contractor ID:
 Not reported

 Date Issued:
 09/11/2003

 Action Type:
 104(a)

Distance Elevation Site

vation Site Database(s) EPA ID Number

## WHITE CLIFFS MINE & PLANT (Continued)

1024905468

**EDR ID Number** 

Type of Issue: Citation
S and S: N
Term Date: 10/30/2003
Title 30 Code of Federal Regulations: 56.14107(a)

Proposed Penalty: 60 Assessment Amount: 60 Paid Penalty Amount: 60 Assessment Case Status: Proposed Assessment Status: Closed Year: 2003 Address Type: MineLocation Not reported PO Box: 94294 RIVER ROAD Address:

City: MAMMOTH

State: AZ

Operator: St. Cloud Mining Co

Zip: 85618

Mine Controller Name: Imagin Minerals Incorporated
Name: WHITE CLIFFS MINE & PLANT

Ownership Date: 09/29/2010
Mine Status: Abandoned
Status Date: 01/01/2012

Primary Site Description: Diatomaceous Earth (Diatomite)

Mine Type: Surface State 2: AZ County: PINAL

Violation Number: 6293862
Mine ID: 0202342
Contractor ID: Not reported
Date Issued: 09/11/2003
Action Type: 104(a)
Type of Issue: Citation
S and S: N

Term Date: 10/30/2003 Title 30 Code of Federal Regulations: 56.14107(a)

Proposed Penalty: 60 Assessment Amount: 60 Paid Penalty Amount: 60 Assessment Case Status: Proposed Assessment Status: Closed 2003 Year: Address Type: MineLocation PO Box: Not reported

Address: 94294 RIVER ROAD

City: MAMMOTH

State: AZ

Operator: St. Cloud Mining Co

Zip: 85618

Mine Controller Name: Imagin Minerals Incorporated
Name: WHITE CLIFFS MINE & PLANT

Ownership Date:09/29/2010Mine Status:AbandonedStatus Date:01/01/2012

Primary Site Description: Diatomaceous Earth (Diatomite)

Mine Type: Surface State 2: AZ

Direction Distance

Elevation Site Database(s) EPA ID Number

## WHITE CLIFFS MINE & PLANT (Continued)

1024905468

**EDR ID Number** 

County: PINAL

Violation Number: 6293863
Mine ID: 0202342
Contractor ID: Not reported
Date Issued: 09/11/2003
Action Type: 104(a)
Type of Issue: Citation
S and S: Y

Term Date: 10/30/2003 Title 30 Code of Federal Regulations: 56.11012 Proposed Penalty: 98 Assessment Amount: 98 Paid Penalty Amount: 98 Assessment Case Status: Proposed Assessment Status: Closed 2003 Year: Address Type: MineLocation

PO Box: Not reported
Address: 94294 RIVER ROAD

City: MAMMOTH

State: AZ

Operator: St. Cloud Mining Co

Zip: 85618

Mine Controller Name: Imagin Minerals Incorporated
Name: WHITE CLIFFS MINE & PLANT

Ownership Date: 09/29/2010
Mine Status: Abandoned
Status Date: 01/01/2012

Primary Site Description: Diatomaceous Earth (Diatomite)

Mine Type: Surface State 2: AZ County: PINAL

 Violation Number:
 6293864

 Mine ID:
 0202342

 Contractor ID:
 Not reported

 Date Issued:
 09/16/2003

 Action Type:
 104(a)

 Type of Issue:
 Citation

 S and S:
 N

 Term Date:
 10/30/2003

Term Date: 10/30/200
Title 30 Code of Federal Regulations: 56.18010
Proposed Penalty: 60
Assessment Amount: 60
Paid Penalty Amount: 60
Assessment Case Status: Proposed
Assessment Status: Closed
Year: 2003

 Year:
 2003

 Address Type:
 MineLocation

 PO Box:
 Not reported

 Address:
 94294 RIVER ROAD

City: MAMMOTH State: AZ

Operator: St. Cloud Mining Co

Zip: 85618

Mine Controller Name: Imagin Minerals Incorporated

Direction Distance

Elevation Site Database(s) EPA ID Number

#### WHITE CLIFFS MINE & PLANT (Continued)

1024905468

**EDR ID Number** 

Name: WHITE CLIFFS MINE & PLANT

Ownership Date: 09/29/2010
Mine Status: Abandoned
Status Date: 01/01/2012

Primary Site Description: Diatomaceous Earth (Diatomite)

Mine Type: Surface State 2: AZ County: PINAL

 Violation Number:
 6293865

 Mine ID:
 0202342

 Contractor ID:
 Not reported

 Date Issued:
 09/16/2003

 Action Type:
 104(a)

 Type of Issue:
 Citation

 S and S:
 N

Term Date: 09/16/2003 Title 30 Code of Federal Regulations: 56.18002(b)

Proposed Penalty: 60
Assessment Amount: 60
Paid Penalty Amount: 60
Assessment Case Status: Proposed
Assessment Status: Closed
Year: 2003

Address Type: MineLocation
PO Box: Not reported
Address: 94294 RIVER ROAD

City: MAMMOTH

State: AZ

Operator: St. Cloud Mining Co

Zip: 85618

Mine Controller Name: Imagin Minerals Incorporated
Name: WHITE CLIFFS MINE & PLANT

Ownership Date: 09/29/2010
Mine Status: Abandoned
Status Date: 01/01/2012

Primary Site Description: Diatomaceous Earth (Diatomite)

Mine Type: Surface
State 2: AZ
County: PINAL

<u>Click this hyperlink</u> while viewing on your computer to access 4 additional US\_MINES\_VIOLATIONS: record(s) in the EDR Site Report.

ABANDONED MINES:

Mine ID: 0202342

Mine Name: WHITE CLIFFS MINE & PLANT

Mine Address: 94294 RIVER ROAD City,State,Zip: MAMMOTH, AZ 87943

Primary SIC Code: Diatomaceous Earth (Diatomite)

Mine Type: Surface
Mine Status Description: Abandoned
Mine Status Date: 1/1/2012
Coal (C) or Metal (M) Mine: M
Controller ID: 0041943

Controller Name: Imagin Minerals Incorporated

Direction Distance

Elevation Site Database(s) EPA ID Number

## WHITE CLIFFS MINE & PLANT (Continued)

1024905468

US MINES 1011122866

N/A

**EDR ID Number** 

Operator ID: L06398

Operator name: St. Cloud Mining Co
Address of Record Street: 761 Saint Cloud Rd
Address of Record PO Box: Not reported
Address of Record City: Winston
Address of Record State: AZ
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: AZ
Assessment Address Zip Code: 87943

Mine Health and Safety Address Street: 94294 RIVER ROAD

Mine Health and Safety Address PO Box: Not reported Mine Health and Safety Address City: MAMMOTH

Mine Health and Safety Address State: AZ

Mine Health and Safety Address Zip Code: Not reported Latitude: 32.708611
Longitude: -110.626944

\_\_\_\_

149904

## C15 ST. CLOUD MINING CO

Target

10

Property PINAL (County), AZ

#### Site 2 of 2 in cluster C

Actual: US MINES: 2378 ft. Sic Code(s): Focus Map: Sic Code(s):

 Sic Code(s):
 000000

 Mine ID:
 0202342

Entity Name: WHITE CLIFFS MINE & PLANT Company: ST. CLOUD MINING CO Status: Permanently Abandoned

Status Date: 20120101

Operation Class: 2 Number of Shops: 0 Number of Plants: 0 Latitude Degree: 32 Longitude Degree: 110 Latitude Minute: 42 30 Latitude Seconds: Longitude Minutes: 37 Longitude Seconds: 36 Number of Pits: 000

Direction Distance

Elevation Site Database(s) EPA ID Number

A16 MAMMOTH, TOWN OF - WWTP FINDS 1007124615

WNW 14610 HIGHWAY 77 Enforcement N/A < 1/8 SAN MANUEL, AZ 85631 WWFAC

0.016 mi.

85 ft. Site 6 of 6 in cluster A

Actual: FINDS:

2328 ft. Registry ID: 110015935069

Focus Map:

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Arizona Unified Repository for Informational Tracking of the Environment (AZURITE) is a database used by the Arizona Department of Environmental Quality (ADEQ) for environmental enforcement and compliance reporting to the Permit and Compliance System (PCS) 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.

ENF:

Facility ID: 1577

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

Facility ID: 1577

Name: TOWN OF MAMMOTH - WWTP

Address: 14610 HIGHWAY 77 City,State,Zip: MAMMOTH, AZ 85618

Case ID: 203911

Facility Type: WASTEWATER TREATMENT PLANT
Notice Type: Notice Of Opportunity To Correct Deficiencies

Notice Issue Date: 03/30/2022
Order Type: Not reported
Order Issue Date: Not reported
Closed Date: 06/22/2022
Facility Status: Case Closed

Env Program: SMRF (STATE WASTEWATER)

Notice Type Code: NOC

Facility ID: 1577

Name: TOWN OF MAMMOTH - WWTP

Address: 14610 HIGHWAY 77 City, State, Zip: MAMMOTH, AZ 85618

Case ID: 219957

Facility Type: WASTEWATER TREATMENT PLANT

Notice Type: Notice of Violations

Notice Issue Date: 05/10/2024

**EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### MAMMOTH, TOWN OF - WWTP (Continued)

1007124615

Order Type: Not reported Order Issue Date: Not reported Closed Date: 06/28/2024 Faciltiy Status: Case Closed

Env Program: SMRF (STATE WASTEWATER)

Notice Type Code: NOV

WWFAC:

Place ID: 1577 Inventory ID: 101690 Facility Code: **WWTP** 

Facility Type: WASTEWATER TREATMENT PLANT

#### 17 **REYNOLAS AND CLINE PROPERTY**

MINES MRDS 1025733331

N/A

East

< 1/8 PINAL (County), AZ

0.020 mi. 106 ft.

Actual: MINES MRDS: 2458 ft.

REYNOLAS AND CLINE PROPERTY Name:

Address: Not reported Focus Map: Deposit identification Number: 10259425 City,State,Zip: **ARIZONA** 

> URL: https://mrdata.usgs.gov/mrds/show-mrds.php?dep\_id=10259425

MRDS Identification Number: Not reported 40211044 MAS/MILS Identification Number: Region: NA

Country: **United States Primary Commodities:** Copper, Lead Secondary Commodities: Not reported **Tertiary Commodities:** Not reported Surface Operation Type: Deposit Type: Not reported Production Size: Not reported **Development Status:** Prospect 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 Not reported Mineral Deposit Model: Alteration Processes: Not reported Concentration Processes: Not reported Previous Names: Not reported Ore Controls: Not reported Reporter: Not reported

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 Not reported References: First Production Year: Not reported Began Before/After FPY: Not reported Last Production Year: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

REYNOLAS AND CLINE PROPERTY (Continued)

1025733331

N/A

**EDR ID Number** 

Ended Before/After LPY: Not reported Not reported Year Discovered: Not reported Found Before/After YD: Production History: Not reported Discovery Information: Not reported 32.7376 Latitude: Longitude: -110.62878 Object ID: 252929 Score: Not reported

18 PORPHYRY EXPLORATION CO PROPERTY MINES MRDS 1025732741

West

< 1/8 PINAL (County), AZ

0.122 mi. 644 ft.

Actual: MINES MRDS: 2427 ft. Name:

 2427 ft.
 Name:
 PORPHYRY EXPLORATION CO PROPERTY

 Focus Map:
 Address:
 Not reported

 9
 Deposit identification Number:
 10258829

City,State,Zip: ARIZONA

URL: https://mrdata.usgs.gov/mrds/show-mrds.php?dep\_id=10258829

Not reported

MRDS Identification Number: Not reported MAS/MILS Identification Number: 40210986 Region: NA

Country: United States Primary Commodities: Silver

Secondary Commodities: Molybdenum, Copper, Gold, Vanadium Tertiary Commodities: Not reported

Operation Type: Unknown Deposit Type: Not reported Production Size: Not reported **Development Status:** Prospect Not reported Ore Minerals or Materials: 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 Previous Names: Not reported Ore Controls: Not reported Not reported Reporter: 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 Not reported Began Before/After FPY: Last Production Year: Not reported Ended Before/After LPY: Not reported Year Discovered: Not reported Found Before/After YD: Not reported

Production History:

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

## PORPHYRY EXPLORATION CO PROPERTY (Continued)

1025732741

U001628173

N/A

UST

Discovery Information: Not reported 32.7084 Latitude: Longitude: -110.63538 Object ID: 252343 Score: Not reported

19 **CREOLA DUNGEN** South 15062 S HIGHWAY 77 1/8-1/4 MAMMOTH, AZ 85618

0.152 mi. 805 ft.

Actual: UST: 2375 ft. Focus Map:

CREOLA DUNGEN Name: Address: 15062 S HIGHWAY 77 City,State,Zip: MAMMOTH, AZ 85618

Facility ID: 0-006770

Owner: DUNGEN, CREOLA

Latitude: 32.737067 110.649657 Longitude:

Tank ID:

02/15/1990 Date Closed: **Perm Closure** Tank Status: Closure Type: Not reported Tank Inst Date: 01/01/1968 Capacity: 8000

Substance: **Unleaded 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:

Date Closed: 02/15/1990 **Perm Closure** Tank Status: Not reported Closure Type: Tank Inst Date: 01/01/1968 Capacity: 4000

Substance: **Unleaded Gasoline COMPARTMENT A** Compartment: Tank Const Type: **Double Walled** 

Asphalt coated or Bare Steel Tank Mtrl Type:

Pipe Type: Not reported Pipe Mtrl Type: Not reported Pipe const Type: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

20 FRED L CLARK TRUCKING CO UST U001157898 N/A

West 104 N MAIN ST 1/8-1/4 MAMMOTH, AZ 85618

0.153 mi. 809 ft.

Actual: UST: 2362 ft. FRED L CLARK TRUCKING CO Name:

Address: Focus Map:

104 N MAIN ST City,State,Zip: MAMMOTH, AZ 85618 Facility ID: 0-001558

Owner: FRED CLARK TRUCKING COMPANY

Latitude: 32.720906 110.639553 Longitude:

Tank ID:

Date Closed: 08/01/1992 Tank Status: **Perm Closure** Closure Type: Not reported 01/01/1976 Tank Inst Date: Capacity: 7500 Substance: Diesel

**COMPARTMENT A** Compartment: Tank Const Type: Not reported

Asphalt coated or Bare Steel Tank Mtrl Type:

Pipe Type: Suction - Check Valve at the Tank Top

Pipe Mtrl Type: Not reported Pipe const Type: Not reported

Tank ID:

Date Closed: 08/01/1992 Tank Status: **Perm Closure** Not reported Closure Type: Tank Inst Date: 01/01/1976 Capacity: 7500

Substance: **Unleaded Gasoline COMPARTMENT A** Compartment: Not reported Tank Const Type:

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

TOWN OF MAMMOTH UST U003091376 21 N/A

West 125 N CLARK ST 1/8-1/4 MAMMOTH, AZ 85618

0.190 mi. 1004 ft.

UST: Actual:

2380 ft. TOWN OF MAMMOTH Name: Address: 125 N CLARK ST Focus Map: 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 **EDR ID Number** 

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

**TOWN OF MAMMOTH (Continued)** 

U003091376

**EDR ID Number** 

Tank Status: **Perm Closure** Not reported Closure Type: Tank Inst Date: 11/20/1967 Capacity: 650

**Unleaded Gasoline** Substance: Compartment: **COMPARTMENT A** Tank Const Type: **Double Walled** 

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

**SAN CARLOS PROJECT** LUST U001000049 22 UST N/A

SSW

1/4-1/2 MAMMOTH, AZ

0.251 mi. 1326 ft.

LUST: Actual: 2398 ft. Name:

Focus Map:

Address: Not reported City, State, Zip: MAMMOTH, AZ 0-004333 Facility ID: Lust Number: 3639.02 CLOSED

Facility Status: Leak Priority: Priority Description:

Closed soil-only CoC levels meet RBCA Tier 1 standards

SAN CARLOS PROJECT

Notification: 11/04/97 07/30/98 Date Closed:

UST:

SAN CARLOS PROJECT Name:

Not reported Address: City,State,Zip: MAMMOTH Facility ID: 0-004333 Owner: Not reported Latitude: Not reported Longitude: Not reported

Tank ID:

Date Closed: 10/21/1997 Tank Status: **Perm Closure** Not reported Closure Type: Tank Inst Date: 05/08/1976 Capacity: 20000

Substance: **Unleaded Gasoline** Compartment: **COMPARTMENT A** Tank Const Type: **Double Walled** 

Asphalt coated or Bare Steel Tank Mtrl Type:

Pipe Type: **Gravity Feed** Pipe Mtrl Type: Not reported Pipe const Type: Not reported

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**D23** PINAL APN #306-13-121 **UST FINDER** 1028179871 **UST FINDER RELEASE** SSW 203 W HAYDEN AVE N/A

27986

1/4-1/2 MAMMOTH, AZ 0.254 mi.

1340 ft. Site 1 of 2 in cluster D

UST FINDER: Actual: 2391 ft. Object ID:

Focus Map:

AZ0-010507 Facility ID: PINAL APN #306-13-121 Name: Address:

203 W HAYDEN AVE City, State, Zip: MAMMOTH, AZ Address Match Type: Not reported

Open USTs: 0 Closed USTs: 4 TOS USTs: 0 Population 1500ft: 534 Private Wells 1500ft: 45 Within 100yr Floodplain: No

Land Use: Developed, Low Intensity

Within SPA: No

SPA PWS Facility ID: Not reported SPA Water Type: Not reported SPA Facility Type: Not reported SPA HUC12: Not reported Within WHPA: No

WHPA PWS Facility ID: Not reported WHPA Water Type: Not reported Not reported WHPA Facility Type: WHPA HUC12: Not reported Facility Status: Closed UST(s) Date of Last Inspection: Not reported

EPA Region:

Tribe: Not reported Coordinate Source: State

X Coord: -110.64940675 Y Coord: 32.733773 Latitude: 32.733773 -110.64940675 Longitude:

**UST FINDER:** 

56920 Object ID: Facility ID: AZ0-010507 Tank ID: AZ0-010507\_3 Tank Status: Closed Installation Date: Not reported

2014/08/05 15:59:59+00 Removal Date:

Tank Capacity: 1500 Substances: Gasoline Tank Wall Type: Single

Object ID: 56921 Facility ID: AZ0-010507 Tank ID: AZ0-010507\_4 Tank Status: Closed Installation Date: Not reported

2014/08/05 15:59:59+00 Removal Date:

Tank Capacity: 1500 Substances: Gasoline Tank Wall Type: Single

Direction
Distance
Elevation

vation Site Database(s) EPA ID Number

## PINAL APN #306-13-121 (Continued)

1028179871

**EDR ID Number** 

 Object ID:
 56922

 Facility ID:
 AZ0-010507

 Tank ID:
 AZ0-010507\_2

 Tank Status:
 Closed

 Installation Date:
 Not reported

Removal Date: 2014/08/05 15:59:59+00

Tank Capacity: 1000
Substances: Gasoline
Tank Wall Type: Single

 Object ID:
 56923

 Facility ID:
 AZ0-010507

 Tank ID:
 AZ0-010507\_1

 Tank Status:
 Closed

 Installation Date:
 Not reported

Removal Date: 2014/08/05 15:59:59+00

Tank Capacity: 1500 Substances: (Null) Tank Wall Type: Single

### **UST FINDER RELEASE:**

 Object ID:
 464146

 Facility ID:
 AZ0-010507

 Lust ID:
 AZ0-010507-5623.01

 Name:
 PINAL APN #306-13-121

 Address:
 203 W HAYDEN AVE

 City,State,Zip:
 MAMMOTH, AZ 0

 Address Match Type:
 StreetAddressExt

 Reported Date:
 2014/09/09 15:59:59+00

 Status:
 No Further Action

Substance: Gasoline Population within 1500ft: Not reported Domestic Wells within 1500ft: Not reported Not reported Land Use: Within SPA: Not reported Not reported SPA PWS Facility ID: SPA Water Type: Not reported Not reported SPA Facility Type: SPA HUC12: Not reported Within WHPA: Not reported WHPA PWS Facility ID: Not reported WHPA Water Type: Not reported WHPA Facility Type: Not reported WHPA HUC12: Not reported Within 100yr Floodplain: Not reported Tribe: Not reported

EPA Region: 9

NFA Letter 1: Not reported
NFA Letter 2: Not reported
NFA Letter 3: Not reported
NFA Letter 4: Not reported
Closed With Residual Contaminate: Not reported
Coordinate Source: Geocode

X Coord: -110.64915458 Y Coord: 32.7340047960001 Latitude: 32.7340047956692

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

PINAL APN #306-13-121 (Continued)

1028179871

Longitude: -110.649154580244

U004224586 PINAL APN #306-13-121 LUST

SSW **203 W HAYDEN AVE** UST N/A

1/4-1/2 **EMAP** MAMMOTH, AZ 85618

0.254 mi.

D24

1340 ft. Site 2 of 2 in cluster D

Actual: LUST:

2391 ft. PINAL APN #306-13-121 Name: Address: 203 W HAYDEN AVE Focus Map: MAMMOTH, AZ 85618 City, State, Zip:

Facility ID: 0-010507 Lust Number: 5623.01

Facility Status: **CLOSED** Leak Priority: 5R1

Priority Description: Closed soil-only CoC levels meet RBCA Tier 1 standards

Notification: 09/09/14 01/07/16 Date Closed:

UST:

Name: PINAL APN #306-13-121 Address: 203 W HAYDEN AVE MAMMOTH, AZ 85618 City,State,Zip:

Facility ID: 0-010507 Owner: None Latitude: 32.733773 Longitude: 110.649406

Tank ID:

Date Closed: 08/05/2014 Tank Status: **Perm Closure** Not reported Closure Type: Tank Inst Date: 09/11/2014 Capacity: 1500

Substance: **Unleaded Gasoline COMPARTMENT A** Compartment: Tank Const Type: Single Walled

Tank Mtrl Type: Asphalt coated or Bare Steel

Pressure Pipe Type:

Pipe Mtrl Type: **Bare or Galvanized Steel** 

Pipe const Type: Single Walled

Tank ID:

Date Closed: 08/05/2014 Tank Status: **Perm Closure** Closure Type: Not reported Tank Inst Date: 09/11/2014 Capacity: 1000

Substance: **Unleaded 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** 

Pipe const Type: Single Walled

Direction Distance

Elevation Site Database(s) EPA ID Number

## PINAL APN #306-13-121 (Continued)

U004224586

**EDR ID Number** 

Tank ID:

Date Closed: 08/05/2014

Tank Status: Perm Closure
Closure Type: Not reported
Tank Inst Date: 09/11/2014
Capacity: 1500

Substance: Unleaded 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: 4

Date Closed: 08/05/2014
Tank Status: Perm Closure
Closure Type: Not reported
Tank Inst Date: 09/11/2014

Capacity: 1500

Substance: Unleaded 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:
 PINAL APN #306-13-121

 Address:
 203 W HAYDEN AVE

 City,State,Zip:
 MAMMOTH, AZ 85618

ID Number: 146595 Township: Not reported Range: Not reported Section: Not reported Quarter 1: Not reported Quarter 2: Not reported Quarter 3: Not reported Latitude: 32.73377500 -110.64944167 Longitude:

Collection Method: LOCATED FROM COUNTY PARCEL INFORMATION

Place Type: GAS FILLING STATION - COMMERCIAL

Place Type Code: PP

Place C Code: PHYSICAL PROPERTIES

Facility Status: ACTIVE End Date: Not reported

Verified: Y

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

E25 PINAL APN #306-13-203 LUST U004189644 South

**713 N HIGHWAY 77** UST N/A

1/4-1/2 MAMMOTH, AZ 85618 **EMAP** 

0.352 mi.

1858 ft. Site 1 of 2 in cluster E

LUST: Actual:

2374 ft. Name: PINAL APN #306-13-203 Address: 713 N HIGHWAY 77 Focus Map: City,State,Zip: MAMMOTH, AZ 85618

Facility ID: 0-010432 Lust Number: 5575.01 Facility Status: CLOSED Leak Priority: 5R1

Priority Description: Closed soil-only CoC levels meet RBCA Tier 1 standards

Notification: 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: Not reported 03/12/2012 Tank Inst Date: Capacity: 1000

Substance: **Unleaded Gasoline** Compartment: **COMPARTMENT A** Tank Const Type: Not reported

Asphalt coated or Bare Steel Tank Mtrl Type:

Pipe Type: Not reported Pipe Mtrl Type: Not reported Pipe const Type: Not reported

Tank ID:

01/18/2012 Date Closed: **Tank Status: Perm Closure** Closure Type: Not reported 03/12/2012 Tank Inst Date: Capacity: 1000

**Unleaded Gasoline** Substance: Compartment: **COMPARTMENT A** Tank Const Type: Not reported

Asphalt coated or Bare Steel Tank Mtrl Type:

Pipe Type: Not reported Pipe Mtrl Type: Not reported Pipe const Type: Not reported

Tank ID:

01/18/2012 Date Closed: Tank Status: **Perm Closure** Closure Type: Not reported

**EDR ID Number** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

PINAL APN #306-13-203 (Continued)

U004189644

Tank Inst Date: 03/12/2012 1000 Capacity:

Substance: **Unleaded Gasoline** Compartment: **COMPARTMENT A** Tank Const Type: Not reported

Tank Mtrl Type: Asphalt coated or Bare Steel

Not reported Pipe Type: 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: 32.73209167 Longitude: -110.64747778

Collection Method: LOCATED FROM COUNTY PARCEL INFORMATION

Place Type: GAS FILLING STATION - COMMERCIAL

Place Type Code:

Place C Code: PHYSICAL PROPERTIES

Facility Status: **ACTIVE** End Date: Not reported

Verified:

1028179796 E26 PINAL APN #306-13-203 **UST FINDER** South **713 N HIGHWAY 77 UST FINDER RELEASE** N/A

27911

AZ0-010432

1/4-1/2 MAMMOTH, AZ 0.352 mi.

1858 ft. Site 2 of 2 in cluster E

UST FINDER: Actual: 2374 ft. Object ID:

Facility ID: Focus Map: 5 Name:

PINAL APN #306-13-203 713 N HIGHWAY 77 Address: MAMMOTH, AZ City, State, Zip: Address Match Type: Not reported

Open USTs: 0 Closed USTs: 3 TOS USTs: 0 Population 1500ft: 522 Private Wells 1500ft: 36 Within 100yr Floodplain:

Developed, Low Intensity Land Use:

Within SPA:

SPA PWS Facility ID: Not reported Not reported SPA Water Type: SPA Facility Type: Not reported SPA HUC12: Not reported

Within WHPA: Yes

Direction Distance

Elevation Site Database(s) EPA ID Number

## PINAL APN #306-13-203 (Continued)

1028179796

**EDR ID Number** 

WHPA PWS Facility ID: AZ0411018\_4952
WHPA Water Type: GW - Ground water

WHPA Facility Type: WL - Well
WHPA HUC12: 150502030809
Facility Status: Closed UST(s)
Date of Last Inspection: Not reported

EPA Region: 9

Tribe: Not reported Coordinate Source: State

X Coord: -110.647452694
Y Coord: 32.7321019720001
Latitude: 32.732101972
Longitude: -110.647452694

UST FINDER:

 Object ID:
 57395

 Facility ID:
 AZ0-010432

 Tank ID:
 AZ0-010432\_3

 Tank Status:
 Closed

 Installation Date:
 Not reported

Removal Date: 2012/01/18 15:59:59+00

Tank Capacity: 1000
Substances: Gasoline
Tank Wall Type: Not reported

 Object ID:
 57396

 Facility ID:
 AZ0-010432

 Tank ID:
 AZ0-010432\_2

 Tank Status:
 Closed

 Installation Date:
 Not reported

Removal Date: 2012/01/18 15:59:59+00

Tank Capacity: 1000
Substances: Gasoline
Tank Wall Type: Not reported

 Object ID:
 57397

 Facility ID:
 AZ0-010432

 Tank ID:
 AZ0-010432\_1

 Tank Status:
 Closed

 Installation Date:
 Not reported

Removal Date: 2012/01/18 15:59:59+00

Tank Capacity: 1000
Substances: Gasoline
Tank Wall Type: Not reported

**UST FINDER RELEASE:** 

 Object ID:
 464147

 Facility ID:
 AZ0-010432

 Lust ID:
 AZ0-010432-5575.01

 Name:
 PINAL APN #306-13-203

 Address:
 713 N HIGHWAY 77

 City, State, Zip:
 MAMMOTH, AZ 0

 Address Match Type:
 PointAddress

Reported Date: 2012/03/08 15:59:59+00 Status: No Further Action

Substance: Gasoline

Direction Distance

Elevation Site Database(s) EPA ID Number

PINAL APN #306-13-203 (Continued)

1028179796

**EDR ID Number** 

Population within 1500ft: 534
Domestic Wells within 1500ft: 36

Land Use: Developed, Low Intensity

Within SPA: No

SPA PWS Facility ID:

SPA Water Type:

SPA Facility Type:

SPA HUC12:

Within WHPA:

Not reported

Not reported

Yes

WHPA PWS Facility ID: AZ0411018\_4952 WHPA Water Type: GW - Ground water

WHPA Facility Type: WL - Well WHPA HUC12: 150502030809

Within 100yr Floodplain: No

Tribe: Not reported

EPA Region: 9

NFA Letter 1:
Not reported
NFA Letter 2:
Not reported
NFA Letter 3:
Not reported
NFA Letter 4:
Closed With Residual Contaminate:
Not reported
Coordinate Source:
Geocode
X Coord:
-110.647341

X Coord: -110.647341
Y Coord: 32.732289
Latitude: 32.732289
Longitude: -110.647341

F27 CIRCLE K #2700853 UST FINDER 1028171716
West 307 N HIGHWAY 77 UST FINDER RELEASE N/A

19831

1/4-1/2 MAMMOTH, AZ 0

0.415 mi.

2192 ft. Site 1 of 2 in cluster F

Actual: UST FINDER:

2403 ft. Object ID:

Focus Map:

 Facility ID:
 AZ0-001335

 Name:
 CIRCLE K #2700853

 Address:
 307 N HIGHWAY 77

 City, State, Zip:
 MAMMOTH, AZ

 Address Match Type:
 Not reported

Open USTs: 2
Closed USTs: 3
TOS USTs: 0
Population 1500ft: 167
Private Wells 1500ft: 10
Within 100yr Floodplain: No

Land Use: Non-Developed

Within SPA: No

SPA PWS Facility ID:
SPA Water Type:
SPA Facility Type:
SPA HUC12:
Within WHPA:
Not reported
Not reported
Not reported
Yes

WHPA PWS Facility ID: AZ0411018\_6818
WHPA Water Type: GW - Ground water

WHPA Facility Type: WL - Well
WHPA HUC12: 150502030809
Facility Status: Open UST(s)

MAP FINDINGS Map ID Direction

Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

CIRCLE K #2700853 (Continued)

1028171716

Date of Last Inspection: Not reported

EPA Region:

Tribe: Not reported Coordinate Source: State

X Coord: -110.645027182 Y Coord: 32.7241457690001 Latitude: 32.724145769 Longitude: -110.645027182

UST FINDER:

Object ID: 81071 Facility ID: AZ0-001335 Tank ID: AZ0-001335\_5

Tank Status: Open

1995/12/08 15:59:59+00 Installation Date:

Not reported Removal Date: 10000 Tank Capacity: Gasoline (PUL) Substances: Tank Wall Type: Not reported

Object ID: 81072 Facility ID: AZ0-001335 Tank ID: AZ0-001335 4

Tank Status: Open

1995/12/08 15:59:59+00 Installation Date:

Removal Date: Not reported Tank Capacity: 10000 Gasoline Substances: Tank Wall Type: Not reported

63864 Object ID: Facility ID: AZ0-001335 Tank ID: AZ0-001335 2

Tank Status: Closed

Installation Date: 1973/01/01 16:00:00+00 1995/11/28 15:59:59+00 Removal Date:

10000 Tank Capacity: Substances: Gasoline Tank Wall Type: Not reported

Object ID: 63865 Facility ID: AZ0-001335 Tank ID: AZ0-001335\_3 Tank Status: Closed

1973/01/01 16:00:00+00 Installation Date: Removal Date: 1995/11/28 15:59:59+00

6000 Tank Capacity: Substances: Gasoline Tank Wall Type: Not reported

Object ID: 63866 Facility ID: AZ0-001335 Tank ID: AZ0-001335\_1 Tank Status: Closed

Installation Date: 1973/01/01 16:00:00+00 Removal Date: 1995/11/28 15:59:59+00

Tank Capacity: 10000 Substances: Gasoline

Direction Distance

Elevation Site Database(s) EPA ID Number

## CIRCLE K #2700853 (Continued)

1028171716

**EDR ID Number** 

Tank Wall Type: Not reported

**UST FINDER RELEASE:** 

 Object ID:
 456746

 Facility ID:
 AZ0-001335

 Lust ID:
 AZ0-001335-581.04

 Name:
 CIRCLE K #2700853

 Address:
 307 N HIGHWAY 77

 City, State, Zip:
 MAMMOTH, AZ 0

 Address Match Type:
 PointAddress

Reported Date: 2014/12/26 15:59:59+00 Status: No Further Action Substance: Gasoline (PUL)

Population within 1500ft: 166
Domestic Wells within 1500ft: 10

Land Use: Non-Developed

Within SPA: No

SPA PWS Facility ID:

SPA Water Type:

SPA Facility Type:

SPA HUC12:

Not reported

Not reported

Not reported

Within WHPA: Yes

WHPA PWS Facility ID: AZ0411018\_6818 WHPA Water Type: GW - Ground water

WHPA Facility Type: WL - Well WHPA HUC12: 150502030809

Within 100yr Floodplain: No

Tribe: Not reported

EPA Region: 9

NFA Letter 1: Not reported
NFA Letter 2: Not reported
NFA Letter 3: Not reported
NFA Letter 4: Not reported
Closed With Residual Contaminate: Not reported
Coordinate Source: Geocode
X Coord: -110.644767

X Coord: -110.644767
Y Coord: 32.724315
Latitude: 32.724315
Longitude: -110.644767

 Object ID:
 456747

 Facility ID:
 AZ0-001335

 Lust ID:
 AZ0-001335-581.01

 Name:
 CIRCLE K #2700853

 Address:
 307 N HIGHWAY 77

 City, State, Zip:
 MAMMOTH, AZ 0

 Address Match Type:
 PointAddress

Reported Date: 1988/11/10 16:00:00+00 Status: No Further Action

Substance: Gasoline
Population within 1500ft: 166
Domestic Wells within 1500ft: 10

Land Use: Non-Developed

Within SPA: No

SPA PWS Facility ID: Not reported SPA Water Type: Not reported

Distance Elevation S

vation Site Database(s) EPA ID Number

## CIRCLE K #2700853 (Continued)

1028171716

**EDR ID Number** 

SPA Facility Type: Not reported SPA HUC12: Not reported

Within WHPA: Yes

WHPA PWS Facility ID: AZ0411018\_6818
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well

WHPA HUC12: WL - Well
WHPA HUC12: 150502030809

Within 100yr Floodplain: No

Tribe: Not reported

EPA Region: 9

NFA Letter 1: Not reported Not reported NFA Letter 2: Not reported NFA Letter 3: NFA Letter 4: Not reported Closed With Residual Contaminate: Not reported Coordinate Source: Geocode X Coord: -110.644767 Y Coord: 32.724315 Latitude: 32.724315 Longitude: -110.644767

 Object ID:
 456748

 Facility ID:
 AZ0-001335

 Lust ID:
 AZ0-001335-581.02

 Name:
 CIRCLE K #2700853

 Address:
 307 N HIGHWAY 77

 City,State,Zip:
 MAMMOTH, AZ 0

 Address Match Type:
 PointAddress

Reported Date: 1995/11/28 15:59:59+00 Status: No Further Action

Substance: Gasoline
Population within 1500ft: 166
Domestic Wells within 1500ft: 10

Land Use: Non-Developed

Within SPA: No

SPA PWS Facility ID:

SPA Water Type:

SPA Facility Type:

SPA Facility Type:

SPA HUC12:

Not reported

Not reported

Not reported

Within WHPA: Yes

WHPA PWS Facility ID: AZ0411018\_6818
WHPA Water Type: GW - Ground water

WHPA Facility Type: WL - Well WHPA HUC12: 150502030809

Within 100yr Floodplain: No

Tribe: Not reported

EPA Region: 9

NFA Letter 1: Not reported NFA Letter 2: Not reported NFA Letter 3: Not reported NFA Letter 4: Not reported Closed With Residual Contaminate: Not reported Coordinate Source: Geocode X Coord: -110.644767

Y Coord: 32.724315 Latitude: 32.724315 Longitude: -110.644767

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

CIRCLE K #2700853 (Continued)

1028171716

Object ID: 456750 Facility ID: AZ0-001335 Lust ID: AZ0-001335-581.03 Name: CIRCLE K #2700853 Address: 307 N HIGHWAY 77 City, State, Zip: MAMMOTH, AZ 0 Address Match Type: PointAddress

Reported Date: 1995/11/28 15:59:59+00 Status: No Further Action

Substance: Gasoline Population within 1500ft: 166 Domestic Wells within 1500ft: 10

Land Use: Non-Developed

Within SPA:

SPA PWS Facility ID: Not reported SPA Water Type: Not reported SPA Facility Type: Not reported SPA HUC12: Not reported

Within WHPA: Yes

AZ0411018\_6818 WHPA PWS Facility ID: WHPA Water Type: GW - Ground water

WHPA Facility Type: WL - Well 150502030809 WHPA HUC12: Within 100yr Floodplain: No

Tribe: Not reported

EPA Region:

NFA Letter 1: Not reported NFA Letter 2: Not reported NFA Letter 3: Not reported NFA Letter 4: Not reported Closed With Residual Contaminate: Not reported

Coordinate Source: Geocode X Coord: -110.644767 Y Coord: 32.724315 Latitude: 32.724315 -110.644767 Longitude:

LUST U004130106 F28 **CIRCLE K #2700853** West 307 N HIGHWAY 77 ST UST N/A

1/4-1/2 MAMMOTH, AZ 85618

0.429 mi. **Enforcement** 2266 ft. Site 2 of 2 in cluster F **Financial Assurance** 

LUST: Actual: 2408 ft. Name:

CIRCLE K #2700853 Address: 307 N HIGHWAY 77 ST Focus Map: City,State,Zip: MAMMOTH, AZ 85618

Facility ID: 0-001335 Lust Number: 0581.04 Facility Status: CLOSED Leak Priority:

Priority Description: Closed soil-only CoC levels meet RBCA Tier 3 standards

Notification: 12/26/14 Date Closed: 01/07/20

CIRCLE K #2700853 Name: 307 N HIGHWAY 77 ST Address: City,State,Zip: MAMMOTH, AZ 85618

**EMAP** 

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# CIRCLE K #2700853 (Continued)

U004130106

Facility ID: 0-001335 0581.02 Lust Number: Facility Status: CLOSED Leak Priority: 5R1

Priority Description: Closed soil-only CoC levels meet RBCA Tier 1 standards

Notification: 11/28/95 Date Closed: 04/08/98

Name: CIRCLE K #2700853 Address: 307 N HIGHWAY 77 ST City,State,Zip: MAMMOTH, AZ 85618

Facility ID: 0-001335 Lust Number: 0581.03 Facility Status: CLOSED Leak Priority:

Priority Description: Closed soil-only CoC levels meet RBCA Tier 1 standards

Notification: 11/28/95 Date Closed: 04/08/98

CIRCLE K #2700853 Name: Address: 307 N HIGHWAY 77 ST City, State, Zip: MAMMOTH, AZ 85618

Facility ID: 0-001335 Lust Number: 0581.01 Facility Status: **CLOSED** Leak Priority: 5R1

Priority Description: Closed soil-only CoC levels meet RBCA Tier 1 standards

Notification: 11/10/88 04/08/98 Date Closed:

UST:

Name: CIRCLE K #2700853 Address: 307 N HIGHWAY 77 ST MAMMOTH, AZ 85618 City, State, Zip: Facility ID: 0-001335

CIRCLE K STORES INC Owner:

Latitude: 32.724145 Longitude: 110.645027

Tank ID:

11/28/1995 Date Closed: **Tank Status: Perm Closure** Closure Type: Not reported 01/01/1973 Tank Inst Date: Capacity: 10000

**Unleaded Gasoline** Substance: Compartment: **COMPARTMENT A** Tank Const Type: Not reported

**Asphalt coated or Bare Steel** Tank Mtrl Type:

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: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

CIRCLE K #2700853 (Continued)

U004130106

**EDR ID Number** 

Tank Inst Date: 01/01/1973 Capacity: 10000

Substance: Unleaded 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: 11/28/1995
Tank Status: Perm Closure
Closure Type: Not reported
Tank Inst Date: 01/01/1973
Capacity: 6000

Substance: Unleaded 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: Unleaded Gasoline
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: Premium Unleaded Gasoline

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 ST

 City, State, Zip:
 MAMMOTH, AZ 85618

ID Number: 4117

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

# CIRCLE K #2700853 (Continued)

U004130106

Township: 8 17 Range: Section: 19

Quarter 1: Not reported Quarter 2: Not reported Not reported Quarter 3: 32.72425833 Latitude: -110.64501389 Longitude:

Collection Method: LOCATED FROM COUNTY PARCEL INFORMATION

Place Type: GAS FILLING STATION - COMMERCIAL

PP Place Type Code:

Place C Code: PHYSICAL PROPERTIES

Facility Status: **ACTIVE** End Date: Not reported

Verified:

ENF:

Facility ID: 4117

Name: CIRCLE K #2700853 Address: 307 N HIGHWAY 77 MAMMOTH, AZ 85618 City,State,Zip:

Case ID: 110324

Facility Type: GAS FILLING STATION - COMMERCIAL

Notice Type: Not reported 06/03/2009 Notice Issue Date: Order Type: Not reported Order Issue Date: Not reported Closed Date: 08/10/2009 Faciltiy Status: Case Closed

UNDERGROUND STORAGE TANK PROGRAM Env Program:

Notice Type Code: Not reported

Facility ID: 4117

CIRCLE K #2700853 Name: 307 N HIGHWAY 77 Address: MAMMOTH, AZ 85618 City,State,Zip:

Case ID:

Facility Type: GAS FILLING STATION - COMMERCIAL

Notice Type: Not reported 05/02/2007 Notice Issue Date: Order Type: Not reported Order Issue Date: Not reported Closed Date: 05/10/2007 Faciltiy Status: Case Closed

Env Program: UNDERGROUND STORAGE TANK PROGRAM

Notice Type Code: Not reported

FIN ASSURANCE 1:

Name: CIRCLE K #2700853 307 N HIGHWAY 77 ST Address: City, State, Zip: MAMMOTH, AZ 85618 **CRGUR** Corporate Guarantee Mech Desc: Owner Name: CIRCLE K STORES INC

Annual Coverage: 2,000,000 Effective Date: 08/28/2024 **Expired Date:** 08/28/2025

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

CIRCLE K #2700853 (Continued)

U004130106

1028178360

N/A

**UST FINDER** 

**UST FINDER RELEASE** 

Per Occurrence Amount: 2,000,000 Number of Tanks: Number of Open Tanks: 2 Number of Tanks Perm Colsed3 Number of Tanks Temp Closed FR Number: FR5022 Status: ACTIVE

Ust Owner ID: 787

Owner Address: PO BOX 52085 **PHOENIX** Owner City: Owner State: ΑZ 85072 Owner Zip:

Not reported

G29 PARCEL NO. 306-13-176D South **706 N HIGHWAY 77** MAMMOTH, AZ

Cancel Date:

1/4-1/2 0.461 mi.

2433 ft. Site 1 of 2 in cluster G

UST FINDER: Actual: 2390 ft. Object ID:

26475 Facility ID: AZ0-008828 Focus Map:

PARCEL NO. 306-13-176D Name: Address: 706 N HIGHWAY 77 City, State, Zip: MAMMOTH. AZ Address Match Type: Not reported

Open USTs: 0 Closed USTs: 2 TOS USTs: 0 Population 1500ft: 392 Private Wells 1500ft: 26 Within 100yr Floodplain: No

Land Use: Developed, Low Intensity

Within SPA: No

Not reported SPA PWS Facility ID: SPA Water Type: Not reported SPA Facility Type: Not reported SPA HUC12: Not reported Within WHPA: Yes

WHPA PWS Facility ID: AZ0411018\_6818 WHPA Water Type: GW - Ground water

WL - Well WHPA Facility Type: WHPA HUC12: 150502030809 Facility Status: Closed UST(s) Date of Last Inspection: Not reported

EPA Region: 9

Tribe: Not reported Coordinate Source: State

X Coord: -110.647658415 Y Coord: 32.7307149700001 Latitude: 32.73071497 Longitude: -110.647658415

UST FINDER:

Object ID: 57393 Facility ID: AZ0-008828 Tank ID: AZ0-008828\_2

Direction Distance

Elevation Site Database(s) EPA ID Number

# PARCEL NO. 306-13-176D (Continued)

1028178360

**EDR ID Number** 

Tank Status: Closed

Installation Date: 1988/01/01 16:00:00+00 Removal Date: 2012/01/18 15:59:59+00

Tank Capacity: 8000
Substances: Gasoline
Tank Wall Type: Single

 Object ID:
 57394

 Facility ID:
 AZ0-008828

 Tank ID:
 AZ0-008828\_1

 Tank Status:
 Closed

Installation Date: 1988/01/01 16:00:00+00 Removal Date: 2012/01/18 15:59:59+00

Tank Capacity: 8000
Substances: Gasoline
Tank Wall Type: Single

# **UST FINDER RELEASE:**

 Object ID:
 463636

 Facility ID:
 AZ0-008828

 Lust ID:
 AZ0-008828-5576.01

 Name:
 PARCEL NO. 306-13-176D

 Address:
 706 N HIGHWAY 77

 City,State,Zip:
 MAMMOTH, AZ 0

 Address Match Type:
 PointAddress

Reported Date: 2012/03/08 15:59:59+00 Status: No Further Action

Substance: Gasoline
Population within 1500ft: 389
Domestic Wells within 1500ft: 26

Land Use: Developed, Low Intensity

Within SPA: No

SPA PWS Facility ID:
SPA Water Type:
SPA Facility Type:
SPA HUC12:
Within WHPA:
Not reported
Not reported
Yes

WHPA PWS Facility ID: AZ0411018\_6818
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well

Within 100yr Floodplain: No

Tribe: Not reported

EPA Region: 9
NFA Letter 1: Not reported

NFA Letter 2: Not reported Not reported NFA Letter 3: Not reported NFA Letter 4: Not reported Closed With Residual Contaminate: Coordinate Source: Geocode X Coord: -110.647809 Y Coord: 32.730714 Latitude: 32.730714 Longitude: -110.647809

Direction Distance

Elevation Site Database(s) EPA ID Number

G30 PARCEL NO. 306-13-176D LUST U003153825
South 706 N HIGHWAY 77 UST N/A

1/4-1/2 MAMMOTH, AZ 85618 EMAP 0.461 mi. Enforcement

2433 ft. Site 2 of 2 in cluster G

Actual: LUST: 2390 ft. Name:

Focus Map:

 Name:
 PARCEL NO. 306-13-176D

 Address:
 706 N HIGHWAY 77

 City,State,Zip:
 MAMMOTH, AZ 85618

 Facility ID:
 0-008828

Lust Number: 5576.01
Facility Status: CLOSED
Leak Priority: 5R1

Priority Description: Closed soil-only CoC levels meet RBCA Tier 1 standards

 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: Not reported
Tank Inst Date: 01/01/1988
Capacity: 8000

Substance: Unleaded 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: Not reported
Tank Inst Date: 01/01/1988
Capacity: 8000

Substance: Unleaded 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

Elevation Site Database(s) EPA ID Number

# PARCEL NO. 306-13-176D (Continued)

MAMMOTH, AZ 85618

City,State,Zip: MAMM ID Number: 29500 Township: 8 Range: 17 Section: 18

Quarter 1: Not reported
Quarter 2: Not reported
Quarter 3: Not reported
Latitude: 32.73071497
Longitude: -110.64765841

Collection Method: LOCATED FROM COUNTY PARCEL INFORMATION

Place Type: GROCERY STORE/CONVENIENCE STORE

Place Type Code: PP

Place C Code: PHYSICAL PROPERTIES

Facility Status: ACTIVE End Date: Not reported

Verified: Y

ENF:

Facility ID: 29500

 Name:
 PARCEL NO. 306-13-176D

 Address:
 706 N HIGHWAY 77

 City,State,Zip:
 MAMMOTH, AZ 85618

Case ID: 124604

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
Closed Date: 01/18/2012
Facility Status: Case Closed

Env Program: UNDERGROUND STORAGE TANK PROGRAM

Notice Type Code: Not reported

Facility ID: 29500

 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

Notice Type: Not reported
Notice Issue Date: 09/26/2012
Order Type: Not reported
Order Issue Date: Not reported
Closed Date: 10/19/2012
Facility Status: Case Closed

Env Program: ARIZ POLLUTANT DISCHARGE ELIMINATION SYSTEM

Notice Type Code: Not reported

**EDR ID Number** 

U003153825

Count: 6 records ORPHAN SUMMARY

City	EDR ID Site Name	Site Address	Zip Database(s)
MAMMOTH	94240930	INTER SECTION OF RIVER	85618 ERNS
MAMMOTH	U004308331 PARCEL 30614011B	341 N HIGHWAY 77 ST	85618 UST
MAMMOTH	S106202795 UNKNOWN	S OF RIVER, W OF HWY.	SPILLS
MAMMOTH	1012156546 CIRCLE K #2700853	307 N HIGHWAY 77	85618 FINDS
MAMMOTH	S131733472 PARCEL 30614011B	341 N HIGHWAY 77 ST	85618 EMAP
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

### Lists of Federal NPL (Superfund) sites

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: 12/19/2024 Source: EPA
Date Data Arrived at EDR: 01/02/2025 Telephone: N/A

Date Made Active in Reports: 01/21/2025 Last EDR Contact: 02/03/2025

Number of Days to Update: 19 Next Scheduled EDR Contact: 04/07/2025
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: 12/19/2024 Source: EPA
Date Data Arrived at EDR: 01/02/2025 Telephone: N/A

Date Made Active in Reports: 01/21/2025 Last EDR Contact: 02/03/2025

Number of Days to Update: 19 Next Scheduled EDR Contact: 04/07/2025
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

### Lists of Federal Delisted NPL sites

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: 12/19/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/21/2025

Number of Days to Update: 19

Source: EPA Telephone: N/A

Last EDR Contact: 02/04/2025

Next Scheduled EDR Contact: 04/07/2025 Data Release Frequency: Quarterly

# Lists of Federal sites subject to CERCLA removals and CERCLA orders

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: 11/20/2024 Date Data Arrived at EDR: 12/18/2024 Date Made Active in Reports: 12/20/2024

Number of Days to Update: 2

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 12/18/2024

Next Scheduled EDR Contact: 04/07/2025 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: 12/19/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/21/2025

Number of Days to Update: 19

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 02/03/2025

Next Scheduled EDR Contact: 04/21/2025 Data Release Frequency: Quarterly

#### Lists of Federal CERCLA sites with NFRAP

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: 12/19/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/21/2025

Number of Days to Update: 19

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 02/03/2025

Next Scheduled EDR Contact: 04/21/2025 Data Release Frequency: Quarterly

### Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/16/2024 Date Data Arrived at EDR: 09/17/2024 Date Made Active in Reports: 12/06/2024

Number of Days to Update: 80

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 02/19/2025

Next Scheduled EDR Contact: 03/31/2025 Data Release Frequency: Quarterly

#### Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 09/16/2024 Date Data Arrived at EDR: 09/17/2024 Date Made Active in Reports: 12/06/2024

Number of Days to Update: 80

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 02/19/2025

Next Scheduled EDR Contact: 03/31/2025 Data Release Frequency: Quarterly

# Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/16/2024 Date Data Arrived at EDR: 09/17/2024 Date Made Active in Reports: 12/06/2024

Number of Days to Update: 80

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 02/19/2025

Next Scheduled EDR Contact: 03/31/2025 Data Release Frequency: Quarterly

### RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/16/2024 Date Data Arrived at EDR: 09/17/2024 Date Made Active in Reports: 12/06/2024

Number of Days to Update: 80

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 02/19/2025

Next Scheduled EDR Contact: 03/31/2025 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: 09/16/2024 Date Data Arrived at EDR: 09/17/2024 Date Made Active in Reports: 12/06/2024

Number of Days to Update: 80

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 02/19/2025

Next Scheduled EDR Contact: 03/31/2025 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: 11/11/2024 Date Data Arrived at EDR: 11/25/2024 Date Made Active in Reports: 02/18/2025

Number of Days to Update: 85

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 05/19/2025 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: 11/04/2024 Date Data Arrived at EDR: 11/15/2024 Date Made Active in Reports: 02/11/2025

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/18/2025

Next Scheduled EDR Contact: 12/02/2024 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: 11/04/2024 Date Data Arrived at EDR: 11/15/2024 Date Made Active in Reports: 02/11/2025

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/18/2025

Next Scheduled EDR Contact: 06/02/2025

#### 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: 12/03/2024 Date Data Arrived at EDR: 12/11/2024 Date Made Active in Reports: 02/18/2025

Number of Days to Update: 69

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 12/11/2024

Next Scheduled EDR Contact: 03/31/2025 Data Release Frequency: Quarterly

# Lists of state- and tribal (Superfund) equivalent sites

AZ NPL: NPL Detail Listing

Detailed site information for NPL sites from the Arizona Department of Environmental Quality.

Date of Government Version: 03/31/2023 Date Data Arrived at EDR: 05/25/2023 Date Made Active in Reports: 08/14/2023

Number of Days to Update: 81

Source: Department of Environmental Quality

Telephone: 602-771-4609 Last EDR Contact: 02/05/2025

Next Scheduled EDR Contact: 05/26/2025 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: 04/03/2024 Date Data Arrived at EDR: 05/02/2024 Date Made Active in Reports: 07/24/2024

Number of Days to Update: 83

Source: Department of Environmental Quality

Telephone: 602-771-4360 Last EDR Contact: 02/05/2025

Next Scheduled EDR Contact: 05/26/2025 Data Release Frequency: Annually

### Lists of state- and tribal hazardous waste facilities

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: 01/15/2025

Next Scheduled EDR Contact: 05/05/2025 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: 12/04/2024

Next Scheduled EDR Contact: 03/24/2025 Data Release Frequency: No Update Planned

### Lists of state and tribal landfills and solid waste disposal facilities

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: 09/12/2024 Date Data Arrived at EDR: 09/26/2024 Date Made Active in Reports: 12/11/2024

Number of Days to Update: 76

Source: Department of Environmental Quality

Telephone: 602-771-2300 Last EDR Contact: 12/23/2024

Next Scheduled EDR Contact: 04/14/2025 Data Release Frequency: Varies

### Lists of state and tribal leaking storage tanks

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: 09/20/2024 Date Data Arrived at EDR: 10/01/2024 Date Made Active in Reports: 12/11/2024

Number of Days to Update: 71

Source: Department of Environmental Quality

Telephone: 602-771-4345 Last EDR Contact: 12/27/2024

Next Scheduled EDR Contact: 04/14/2025 Data Release Frequency: Semi-Annually

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

Date of Government Version: 05/07/2024 Date Data Arrived at EDR: 05/30/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 90

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 04/28/2025 Data Release Frequency: Varies

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

Date of Government Version: 05/07/2024 Date Data Arrived at EDR: 05/30/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 90

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 04/28/2025 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: 05/07/2024 Date Data Arrived at EDR: 05/30/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 90

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 04/28/2025 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: 05/07/2024 Date Data Arrived at EDR: 05/30/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 90

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 04/28/2025 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: 04/11/2024 Date Data Arrived at EDR: 05/30/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 90

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 04/28/2025 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: 05/07/2024 Date Data Arrived at EDR: 05/30/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 90

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 04/28/2025 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: 05/07/2024 Date Data Arrived at EDR: 05/30/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 90

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 04/28/2025 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: 05/07/2024 Date Data Arrived at EDR: 05/30/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 90

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 04/28/2025 Data Release Frequency: Varies

### Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 08/12/2024 Date Data Arrived at EDR: 10/30/2024 Date Made Active in Reports: 01/14/2025

Number of Days to Update: 76

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 12/23/2024

Next Scheduled EDR Contact: 04/14/2025 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: 09/20/2024 Date Data Arrived at EDR: 10/01/2024 Date Made Active in Reports: 12/11/2024

Number of Days to Update: 71

Source: Department of Environmental Quality

Telephone: 602-771-4345 Last EDR Contact: 12/27/2024

Next Scheduled EDR Contact: 04/14/2025 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: 11/26/2024

Next Scheduled EDR Contact: 03/17/2025 Data Release Frequency: No Update Planned

AST 2: Aboveground Storage Tank Listing

A listing of aboveground storage tank site locations.

Date of Government Version: 11/12/2024 Date Data Arrived at EDR: 12/04/2024 Date Made Active in Reports: 02/19/2025

Number of Days to Update: 77

Source: Department of Environmental Quality

Telephone: 602-771-4380 Last EDR Contact: 11/26/2024

Next Scheduled EDR Contact: 03/17/2025 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: 04/11/2024 Date Data Arrived at EDR: 05/30/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 90

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 04/28/2025

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: 05/14/2024 Date Data Arrived at EDR: 05/30/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 90

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 04/28/2025

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: 05/14/2024 Date Data Arrived at EDR: 05/30/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 90

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 04/28/2025

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)

Data of Covernment Version

Date of Government Version: 05/14/2024 Date Data Arrived at EDR: 05/30/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 90

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 07/29/2024

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: 05/14/2024 Date Data Arrived at EDR: 05/30/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 90

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 04/28/2025

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: 05/14/2024 Date Data Arrived at EDR: 05/30/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 90

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 04/28/2025 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: 05/14/2024 Date Data Arrived at EDR: 05/30/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 90

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 04/28/2025 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: 05/14/2024 Date Data Arrived at EDR: 05/30/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 90

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 04/28/2025 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: 03/12/2024 Date Data Arrived at EDR: 03/14/2024 Date Made Active in Reports: 06/04/2024

Number of Days to Update: 82

Source: Department of Environmental Quality Telephone: 602-771-4397 Last EDR Contact: 12/04/2024

Next Scheduled EDR Contact: 03/24/2025

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: 03/12/2024 Date Data Arrived at EDR: 03/14/2024 Date Made Active in Reports: 06/04/2024

Number of Days to Update: 82

Source: Department of Environmental Quality

Telephone: 602-771-4397 Last EDR Contact: 12/04/2024

Next Scheduled EDR Contact: 03/24/2025 Data Release Frequency: Varies

### Lists of state and tribal voluntary cleanup sites

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: 12/10/2024

Next Scheduled EDR Contact: 03/31/2025

VCP: Voluntary Remediation Program Sites

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 04/02/2024 Date Data Arrived at EDR: 04/05/2024 Date Made Active in Reports: 06/26/2024

Number of Days to Update: 82

Source: Department of Environmental Quality

Telephone: 602-771-4411 Last EDR Contact: 12/16/2024

Next Scheduled EDR Contact: 04/07/2025 Data Release Frequency: Varies

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: 07/08/2021

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: Varies

#### Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Tracking System

Information relating to Brownfields sites in Arizona.

Date of Government Version: 09/08/2022 Date Data Arrived at EDR: 09/09/2022 Date Made Active in Reports: 12/08/2022

Number of Days to Update: 90

Source: Department of Environmental Quality

Telephone: 602-771-4401 Last EDR Contact: 02/05/2025

Next Scheduled EDR Contact: 04/07/2025

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: 09/09/2024 Date Data Arrived at EDR: 09/11/2024 Date Made Active in Reports: 12/06/2024

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 12/12/2024

Next Scheduled EDR Contact: 03/24/2025 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: 11/20/2024 Date Data Arrived at EDR: 11/22/2024 Date Made Active in Reports: 02/14/2025

Number of Days to Update: 84

Source: Department of Environmental Quality

Telephone: 602-771-4132 Last EDR Contact: 02/12/2025

Next Scheduled EDR Contact: 06/02/2025

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: 01/16/2025

Next Scheduled EDR Contact: 05/05/2025 Data Release Frequency: Varies

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

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: 01/23/2025

Next Scheduled EDR Contact: 04/28/2025 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: 02/07/2024 Date Data Arrived at EDR: 11/13/2024 Date Made Active in Reports: 11/19/2024

Number of Days to Update: 6

Source: Department of Health & Human Serivces, Indian Health Service

Telephone: 301-443-1452 Last EDR Contact: 12/09/2024

Next Scheduled EDR Contact: 05/05/2025

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: 05/20/2024 Date Data Arrived at EDR: 08/19/2024 Date Made Active in Reports: 10/09/2024

Number of Days to Update: 51

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 06/02/2025 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: 12/10/2024

Next Scheduled EDR Contact: 03/31/2025

# 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: 05/20/2024 Date Data Arrived at EDR: 08/19/2024 Date Made Active in Reports: 10/09/2024

Number of Days to Update: 51

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 06/02/2025 Data Release Frequency: Quarterly

#### 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: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025

Number of Days to Update: 19

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 02/03/2025

Next Scheduled EDR Contact: 04/07/2025 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: 06/14/2024 Date Data Arrived at EDR: 06/17/2024 Date Made Active in Reports: 06/24/2024

Number of Days to Update: 7

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 12/11/2024

Next Scheduled EDR Contact: 03/31/2025 Data Release Frequency: Quarterly

### SPILLS: Hazardous Material Logbook

Chemical spills and incidents referred to the Emergency Response Unit.

Date of Government Version: 11/15/2024 Date Data Arrived at EDR: 12/03/2024 Date Made Active in Reports: 02/19/2025

Number of Days to Update: 78

Source: Department of Environmental Quality

Telephone: 602-771-4153 Last EDR Contact: 02/18/2025

Next Scheduled EDR Contact: 06/02/2025 Data Release Frequency: No Update Planned

# 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: 09/16/2024 Date Data Arrived at EDR: 09/17/2024 Date Made Active in Reports: 12/06/2024

Number of Days to Update: 80

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 02/19/2025

Next Scheduled EDR Contact: 03/31/2025 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: 10/01/2024 Date Data Arrived at EDR: 11/12/2024 Date Made Active in Reports: 01/21/2025

Number of Days to Update: 70

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 02/11/2025

Next Scheduled EDR Contact: 05/26/2025 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: 06/07/2021 Date Data Arrived at EDR: 07/13/2021 Date Made Active in Reports: 03/09/2022

Number of Days to Update: 239

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 01/07/2025

Next Scheduled EDR Contact: 04/21/2025

Data Release Frequency: Varies

### FEDLAND: Federal and Indian Lands

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

Date of Government Version: 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: 12/30/2024

Next Scheduled EDR Contact: 04/14/2025

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: 07/30/2021 Date Data Arrived at EDR: 02/03/2023 Date Made Active in Reports: 02/10/2023

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 02/03/2025

Next Scheduled EDR Contact: 05/19/2025

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: 09/16/2024 Date Data Arrived at EDR: 09/17/2024 Date Made Active in Reports: 12/20/2024

Number of Days to Update: 94

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 02/19/2025

Next Scheduled EDR Contact: 03/31/2025 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: 01/27/2025

Next Scheduled EDR Contact: 05/12/2025 Data Release Frequency: No Update Planned

#### 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: 01/30/2025

Next Scheduled EDR Contact: 05/12/2025 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: 12/31/2020 Date Data Arrived at EDR: 06/14/2022 Date Made Active in Reports: 03/24/2023

Number of Days to Update: 283

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 12/12/2024

Next Scheduled EDR Contact: 03/24/2025 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: 12/31/2023 Date Data Arrived at EDR: 02/11/2025 Date Made Active in Reports: 02/18/2025

Number of Days to Update: 7

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 02/11/2025

Next Scheduled EDR Contact: 05/26/2025 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: 10/15/2024 Date Data Arrived at EDR: 10/16/2024 Date Made Active in Reports: 01/14/2025

Number of Days to Update: 90

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 01/15/2025

Next Scheduled EDR Contact: 04/28/2025 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: 10/24/2024 Date Data Arrived at EDR: 11/01/2024 Date Made Active in Reports: 11/19/2024

Number of Days to Update: 18

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 02/03/2025

Next Scheduled EDR Contact: 03/10/2025 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: 10/01/2024 Date Data Arrived at EDR: 10/23/2024 Date Made Active in Reports: 01/14/2025

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 01/09/2025

Next Scheduled EDR Contact: 04/28/2025

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: 09/19/2023 Date Data Arrived at EDR: 10/03/2023 Date Made Active in Reports: 10/19/2023

Number of Days to Update: 16

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 02/03/2025

Next Scheduled EDR Contact: 05/12/2025 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: 07/01/2024 Date Data Arrived at EDR: 10/02/2024 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 100

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 01/02/2025

Next Scheduled EDR Contact: 04/14/2025 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: 12/23/2024

Next Scheduled EDR Contact: 04/14/2025 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: 10/12/2024 Date Data Arrived at EDR: 10/17/2024 Date Made Active in Reports: 11/19/2024

Number of Days to Update: 33

Source: Nuclear Regulatory Commission

Telephone: 301-415-0717 Last EDR Contact: 01/09/2025

Next Scheduled EDR Contact: 04/28/2025 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: 12/31/2023 Date Data Arrived at EDR: 10/16/2024 Date Made Active in Reports: 01/14/2025

Number of Days to Update: 90

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 11/20/2024

Next Scheduled EDR Contact: 03/10/2025 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: 11/20/2024

Next Scheduled EDR Contact: 03/10/2025 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: 01/30/2025

Next Scheduled EDR Contact: 05/12/2025 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: 12/17/2024

Next Scheduled EDR Contact: 04/07/2025 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: 10/04/2024 Date Data Arrived at EDR: 10/16/2024 Date Made Active in Reports: 12/06/2024

Number of Days to Update: 51

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 01/22/2025

Next Scheduled EDR Contact: 05/05/2025 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: 09/30/2024 Date Data Arrived at EDR: 10/09/2024 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 93

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 12/30/2024

Next Scheduled EDR Contact: 04/14/2025 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: 12/31/2021 Date Data Arrived at EDR: 03/09/2023 Date Made Active in Reports: 03/20/2023

Number of Days to Update: 11

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 12/12/2024

Next Scheduled EDR Contact: 03/31/2025 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: 12/30/2024

Next Scheduled EDR Contact: 04/14/2025 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: 03/03/2023 Date Data Arrived at EDR: 03/03/2023 Date Made Active in Reports: 06/09/2023

Number of Days to Update: 98

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 01/23/2025

Next Scheduled EDR Contact: 05/12/2025

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: 05/08/2024 Date Data Arrived at EDR: 08/14/2024 Date Made Active in Reports: 08/28/2024

Number of Days to Update: 14

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 02/06/2025

Next Scheduled EDR Contact: 05/26/2025 Data Release Frequency: Varies

# LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/19/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/21/2025

Number of Days to Update: 19

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 02/03/2025

Next Scheduled EDR Contact: 04/07/2025

#### 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: 10/01/2024 Date Data Arrived at EDR: 10/02/2024 Date Made Active in Reports: 10/09/2024

Number of Days to Update: 7

Source: DOL, Mine Safety & Health Admi

Telephone: 202-693-9424 Last EDR Contact: 02/19/2025

Next Scheduled EDR Contact: 06/02/2025 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: 11/01/2024 Date Data Arrived at EDR: 11/18/2024 Date Made Active in Reports: 02/11/2025

Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 02/18/2025

Next Scheduled EDR Contact: 06/02/2025 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: 05/02/2024 Date Data Arrived at EDR: 08/20/2024 Date Made Active in Reports: 10/09/2024

Number of Days to Update: 50

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 06/02/2025 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: 02/20/2025

Next Scheduled EDR Contact: 06/02/2025 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: 12/10/2024 Date Data Arrived at EDR: 12/11/2024 Date Made Active in Reports: 02/18/2025

Number of Days to Update: 69

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 12/10/2024

Next Scheduled EDR Contact: 03/17/2025 Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

> Date of Government Version: 06/04/2024 Date Data Arrived at EDR: 11/22/2024 Date Made Active in Reports: 02/18/2025

Number of Days to Update: 88

Source: USGS

Telephone: 703-648-6533 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 06/02/2025 Data Release Frequency: Varies

### 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: 11/11/2024 Date Data Arrived at EDR: 11/20/2024 Date Made Active in Reports: 02/18/2025

Number of Days to Update: 90

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 11/20/2024

Next Scheduled EDR Contact: 03/10/2025 Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023 Date Data Arrived at EDR: 09/13/2023 Date Made Active in Reports: 12/11/2023

Number of Days to Update: 89

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 01/06/2025

Next Scheduled EDR Contact: 04/21/2025 Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021 Date Data Arrived at EDR: 05/21/2021 Date Made Active in Reports: 08/11/2021

Number of Days to Update: 82

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 02/12/2025

Next Scheduled EDR Contact: 06/02/2025 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: 12/21/2024 Date Data Arrived at EDR: 12/27/2024 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 14

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 12/27/2024

Next Scheduled EDR Contact: 04/14/2025 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: 11/08/2024 Date Data Arrived at EDR: 11/08/2024 Date Made Active in Reports: 01/14/2025

Number of Days to Update: 67

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 02/13/2025

Next Scheduled EDR Contact: 05/26/2025 Data Release Frequency: Quarterly

#### PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 12/30/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 703-603-8895 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 04/14/2025 Data Release Frequency: Varies

# PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 12/30/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 04/14/2025 Data Release Frequency: Varies

# PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/30/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-566-0250 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 04/14/2025

### PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/30/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 04/14/2025 Data Release Frequency: Varies

# PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST\_HANDLING\_INSTR), Non-hazardous waste description (NON\_HAZ\_WASTE\_DESCRIPTION), DOT printed information (DOT\_PRINTED\_INFORMATION), Waste line handling instructions (WASTE\_LINE\_HANDLING\_INSTR), Waste residue comments (WASTE\_RESIDUE\_COMMENTS).

Date of Government Version: 12/30/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 04/14/2025 Data Release Frequency: Varies

### PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention, ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020 Date Data Arrived at EDR: 03/17/2021 Date Made Active in Reports: 11/08/2022

Number of Days to Update: 601

Source: Department of Health & Human Services

Telephone: 202-741-5770 Last EDR Contact: 01/16/2025

Next Scheduled EDR Contact: 05/05/2025 Data Release Frequency: Varies

### PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 12/13/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 04/14/2025 Data Release Frequency: Varies

# PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 12/30/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/14/2025

Number of Days to Update: 12

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 01/02/2025

Next Scheduled EDR Contact: 04/14/2025 Data Release Frequency: Varies

# PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023 Date Data Arrived at EDR: 04/05/2024 Date Made Active in Reports: 06/06/2024

Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute

Telephone: N/A

Last EDR Contact: 12/05/2024

Next Scheduled EDR Contact: 03/17/2025 Data Release Frequency: Varies

# PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 12/30/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 04/14/2025 Data Release Frequency: Varies

# PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 12/30/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 04/14/2025

Data Release Frequency: Varies

# PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 12/30/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-272-0167 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 04/14/2025

### AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 12/30/2024 Date Data Arrived at EDR: 01/02/2025 Date Made Active in Reports: 01/10/2025

Number of Days to Update: 8

Source: Environmental Protection Agency

Telephone: 202-267-2675 Last EDR Contact: 02/20/2025

Next Scheduled EDR Contact: 04/14/2025 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: 12/23/2024

Next Scheduled EDR Contact: 04/14/2025 Data Release Frequency: Varies

# 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 facilities.

Date of Government Version: 12/16/2016 Date Data Arrived at EDR: 01/06/2017 Date Made Active in Reports: 03/10/2017

Number of Days to Update: 63

Source: EPA, Office of Water Telephone: 202-564-2496 Last EDR Contact: 12/23/2024

Next Scheduled EDR Contact: 04/14/2025 Data Release Frequency: No Update Planned

#### BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 10/13/2024 Date Data Arrived at EDR: 10/16/2024 Date Made Active in Reports: 10/23/2024

Number of Days to Update: 7

Source: Environmental Protection Agency

Telephone: 202-564-4700 Last EDR Contact: 01/14/2025

Next Scheduled EDR Contact: 04/28/2025 Data Release Frequency: Varies

# UST FINDER RELEASE: UST Finder Releases Database

US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023 Date Data Arrived at EDR: 10/31/2023 Date Made Active in Reports: 01/18/2024

Number of Days to Update: 79

Source: Environmental Protecton Agency

Telephone: 202-564-0394 Last EDR Contact: 02/06/2025

Next Scheduled EDR Contact: 05/19/2025 Data Release Frequency: Semi-Annually

# UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories. UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023 Date Data Arrived at EDR: 10/04/2023 Date Made Active in Reports: 01/18/2024

Number of Days to Update: 106

Source: Environmental Protection Agency

Telephone: 202-564-0394 Last EDR Contact: 02/06/2025

Next Scheduled EDR Contact: 05/19/2025 Data Release Frequency: Varies

### E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 09/16/2024 Date Data Arrived at EDR: 09/17/2024 Date Made Active in Reports: 12/20/2024

Number of Days to Update: 94

Source: Environmental Protection Agency

Telephone: 833-501-6826 Last EDR Contact: 02/19/2025

Next Scheduled EDR Contact: 03/31/2025 Data Release Frequency: Varies

#### 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: 09/22/2021 Date Data Arrived at EDR: 05/03/2022 Date Made Active in Reports: 07/20/2022

Number of Days to Update: 78

Source: Department of Environmental Quality

Telephone: 602-364-3118 Last EDR Contact: 01/22/2025

Next Scheduled EDR Contact: 05/12/2025

Data Release Frequency: Varies

#### AQUEOUS FOAM: Aqueous Film Forming Foam Listing

When AFFF is used, discharged or released to the environment, containment and cleanup may be required to prevent future adverse health or environmental impacts.

Date of Government Version: 11/14/2020 Date Data Arrived at EDR: 03/22/2022 Date Made Active in Reports: 04/26/2022

Number of Days to Update: 35

Source: Department of Environmenatl Quality

Telephone: 602-771-6145 Last EDR Contact: 01/22/2025

Next Scheduled EDR Contact: 05/12/2025

Data Release Frequency: Varies

#### AIRS: Arizona Airs Database

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

Date of Government Version: 10/03/2024 Date Data Arrived at EDR: 10/04/2024 Date Made Active in Reports: 12/19/2024

Number of Days to Update: 76

Source: Department of Environmental Quality

Telephone: 602-771-2344 Last EDR Contact: 12/16/2024

Next Scheduled EDR Contact: 04/07/2025 Data Release Frequency: Semi-Annually

# AQUIFER: Aquifer Protection Permits List

Facilities with an Aquifer Protection permit (APP), that discharges either directly to an aquifer or to the land surface or the vadose zone in such a manner that there is a reasonable probability that the pollutant will reach an aquifer.

Date of Government Version: 11/04/2024 Date Data Arrived at EDR: 11/06/2024 Date Made Active in Reports: 01/28/2025

Number of Days to Update: 83

Source: Department of Environmental Quality

Telephone: 602-771-4623 Last EDR Contact: 01/30/2025

Next Scheduled EDR Contact: 05/19/2025 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: 03/31/2023 Date Data Arrived at EDR: 05/17/2023 Date Made Active in Reports: 08/04/2023

Number of Days to Update: 79

Source: Department of Environmental Quality

Telephone: 602-771-4360 Last EDR Contact: 02/05/2025

Next Scheduled EDR Contact: 05/26/2025 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: 09/12/2024 Date Data Arrived at EDR: 09/26/2024 Date Made Active in Reports: 10/15/2024

Number of Days to Update: 19

Source: Department of Environmental Quality

Telephone: 602-771-4686 Last EDR Contact: 02/05/2025

Next Scheduled EDR Contact: 05/26/2025 Data Release Frequency: Semi-Annually

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

Date of Government Version: 06/17/2019 Date Data Arrived at EDR: 07/20/2020 Date Made Active in Reports: 10/07/2020

Number of Days to Update: 79

Source: Department of Environmental Quality

Telephone: 602-771-4335 Last EDR Contact: 12/04/2024

Next Scheduled EDR Contact: 03/24/2025 Data Release Frequency: No Update Planned

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: 11/22/2024 Date Data Arrived at EDR: 11/22/2024 Date Made Active in Reports: 02/14/2025

Number of Days to Update: 84

Source: Department of Environmental Quality

Telephone: 602-771-4380 Last EDR Contact: 02/19/2025

Next Scheduled EDR Contact: 06/09/2025 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: 10/21/2024 Date Data Arrived at EDR: 10/23/2024 Date Made Active in Reports: 01/13/2025

Number of Days to Update: 82

Source: Department of Environmental Quality

Telephone: 602-771-4424 Last EDR Contact: 01/15/2025

Next Scheduled EDR Contact: 05/05/2025 Data Release Frequency: Varies

FIN ASSURANCE 1: Financial Assurance Information Listing

Financial assurance information for ust sites.

Date of Government Version: 09/12/2024 Date Data Arrived at EDR: 09/18/2024 Date Made Active in Reports: 09/25/2024

Number of Days to Update: 7

Source: Department of Environmental Quality

Telephone: 602-771-4258 Last EDR Contact: 12/10/2024

Next Scheduled EDR Contact: 03/31/2025

Data Release Frequency: Varies

AZ MANIFEST: Manifest Information

Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 06/15/2021
Date Made Active in Reports: 09/09/2021

Number of Days to Update: 86

Source: Department of Environmental Quality

Telephone: N/A

Last EDR Contact: 12/04/2024

Next Scheduled EDR Contact: 03/24/2025 Data Release Frequency: Annually

NPDES: Notice of Intent Construction Stormwater General Permits Database NPDES permit sites

Date of Government Version: 09/26/2024 Date Data Arrived at EDR: 10/03/2024 Date Made Active in Reports: 10/15/2024

Number of Days to Update: 12

Source: Department of Environmental Quality

Telephone: 602-771-4424 Last EDR Contact: 12/23/2024

Next Scheduled EDR Contact: 04/14/2025

Data Release Frequency: Varies

VAPOR: Vapor Intrusion

A listing of vapor intrusion site locations

Date of Government Version: 04/21/2021 Date Data Arrived at EDR: 04/22/2021 Date Made Active in Reports: 07/09/2021

Number of Days to Update: 78

Source: Department of Environmental Quality

Telephone: 602-771-4197 Last EDR Contact: 12/16/2024

Next Scheduled EDR Contact: 04/07/2025

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: 01/15/2025

Next Scheduled EDR Contact: 05/05/2025 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: 01/08/2025

Next Scheduled EDR Contact: 04/28/2025 Data Release Frequency: Varies

DRYWELLS HIST: Historical Drywells Listing

Historical listing of registered drywells once maintained and made available by the Arizona Department of Environmental Quality (ADEQ) Water Quality Division. In April 2018, ADEQ stopped accepting paper forms and will no longer be updating this list.

Date of Government Version: 04/30/2018 Date Data Arrived at EDR: 09/26/2024 Date Made Active in Reports: 10/15/2024

Number of Days to Update: 19

Source: Department of Environmental Quality

Telephone: 602-771-4686 Last EDR Contact: 02/05/2025

Next Scheduled EDR Contact: 05/26/2025 Data Release Frequency: No Update Planned

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

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: 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 Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

#### EDR 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 Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

### **EDR 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

Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

Source: Department of Environmental Quality

### **COUNTY RECORDS**

PIMA COUNTY:

LF TUCSON: City of Tucson Landfills Listing

Location and area of landfills owned by the City of Tucson.

Date of Government Version: 02/12/2024 Date Data Arrived at EDR: 04/04/2024 Date Made Active in Reports: 06/24/2024

Number of Days to Update: 81

Source: Tucson Department of Environmental and General Services

Telephone: 520-791-3171 Last EDR Contact: 12/23/2024

Next Scheduled EDR Contact: 07/15/2024

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: 11/04/2024 Date Data Arrived at EDR: 11/05/2024 Date Made Active in Reports: 01/27/2025

Number of Days to Update: 83

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 02/04/2025

Next Scheduled EDR Contact: 05/19/2025 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: 12/31/2019 Date Data Arrived at EDR: 11/30/2023 Date Made Active in Reports: 12/01/2023

Number of Days to Update: 1

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 01/23/2025

Next Scheduled EDR Contact: 05/05/2025 Data Release Frequency: Quarterly

RI MANIFEST: Manifest information Hazardous waste manifest information

> Date of Government Version: 12/31/2020 Date Data Arrived at EDR: 11/30/2021 Date Made Active in Reports: 02/18/2022

Number of Days to Update: 80

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 02/06/2025

Next Scheduled EDR Contact: 05/26/2025 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: 11/27/2024

Next Scheduled EDR Contact: 03/17/2025 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

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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, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Riparian Vegetation Associated with Perennial Waters Source: State Land Department

Telephone: 602-542-4094

#### STREET AND ADDRESS INFORMATION

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# APPENDIX F Historical Topographic Maps

Lower San Pedro River Mammoth, Arizona Mammoth, AZ 85631

Inquiry Number: 7905033.5

February 21, 2025

## **EDR Historical Topo Map Report**

with QuadMatch™



## **EDR Historical Topo Map Report**

02/21/25

Site Name: Client Name:

Lower San Pedro River Westland Resources

Mammoth, Arizona 4001 E. Paradise Falls Drive

EDR Inquiry # 7905033.5 Contact: Samantha Blonder



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

Tucson, AZ 85712

Search Results:		Coordinates:	
P.O.#	NA	Latitude:	32.720614 32° 43' 14" North
Project:	13095	Longitude:	-110.6232 -110° 37' 24" West
		UTM Zone:	Zone 12 North
		UTM X Meters:	535309.71
		UTM Y Meters:	3620377.64
		Elevation:	2445.24' above sea level
Mana Dravia	اما.		

#### Maps Provided:

Mammoth, AZ 85631

2021	1913
2018	1911
2014	
1972	
1951	
1950	
1949	
1948	

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

## 2021 Source Sheets



Mammoth 2021 7.5-minute, 24000



Campo Bonito 2021 7.5-minute, 24000



Clark Ranch 2021 7.5-minute, 24000



Peppersauce Wash 2021 7.5-minute, 24000



Lookout Mountain 2021 7.5-minute, 24000



Holy Joe Peak 2021 7.5-minute, 24000



Lookout Mountain 2018 7.5-minute, 24000



Holy Joe Peak 2018 7.5-minute, 24000



Clark Ranch 2018 7.5-minute, 24000



Mammoth 2018 7.5-minute, 24000



Peppersauce Wash 2018 7.5-minute, 24000



Campo Bonito 2018 7.5-minute, 24000

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

### 2014 Source Sheets



Mammoth 2014 7.5-minute, 24000



Campo Bonito 2014 7.5-minute, 24000



Clark Ranch 2014 7.5-minute, 24000



Peppersauce Wash 2014 7.5-minute, 24000



Lookout Mountain 2014 7.5-minute, 24000



Holy Joe Peak 2014 7.5-minute, 24000



Clark Ranch 1972 7.5-minute, 24000 Aerial Photo Revised 1972



Campo Bonito 1972 7.5-minute, 24000 Aerial Photo Revised 1972



Peppersauce Wash 1972 7.5-minute, 24000 Aerial Photo Revised 1972



Mammoth 1972 7.5-minute, 24000 Aerial Photo Revised 1972



Holy Joe Peak 1972 7.5-minute, 24000 Aerial Photo Revised 1972



Lookout Mtn 1972 7.5-minute, 24000 Aerial Photo Revised 1972

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

## 1951 Source Sheets



Mammoth 1951 15-minute, 62500 Aerial Photo Revised 1945

## 1950 Source Sheets



Holy Joe Peak 1950 7.5-minute, 24000 Aerial Photo Revised 1947



Lookout Mtn 1950 7.5-minute, 24000 Aerial Photo Revised 1947



Holy Joe Peak 1949 7.5-minute, 24000 Aerial Photo Revised 1947



Lookout Mtn 1949 7.5-minute, 24000 Aerial Photo Revised 1947



Clark Ranch 1949 7.5-minute, 24000 Aerial Photo Revised 1945



Mammoth 1949 7.5-minute, 24000 Aerial Photo Revised 1945



Campo Bonito 1949 7.5-minute, 24000 Aerial Photo Revised 1945



Peppersauce Wash 1949 7.5-minute, 24000 Aerial Photo Revised 1945

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

## 1948 Source Sheets



Mammoth 1948 7.5-minute, 24000 Aerial Photo Revised 1945



Clark Ranch 1948 7.5-minute, 24000 Aerial Photo Revised 1945



Peppersauce Wash 1948 7.5-minute, 24000 Aerial Photo Revised 1945



Campo Bonito 1948 7.5-minute, 24000 Aerial Photo Revised 1945

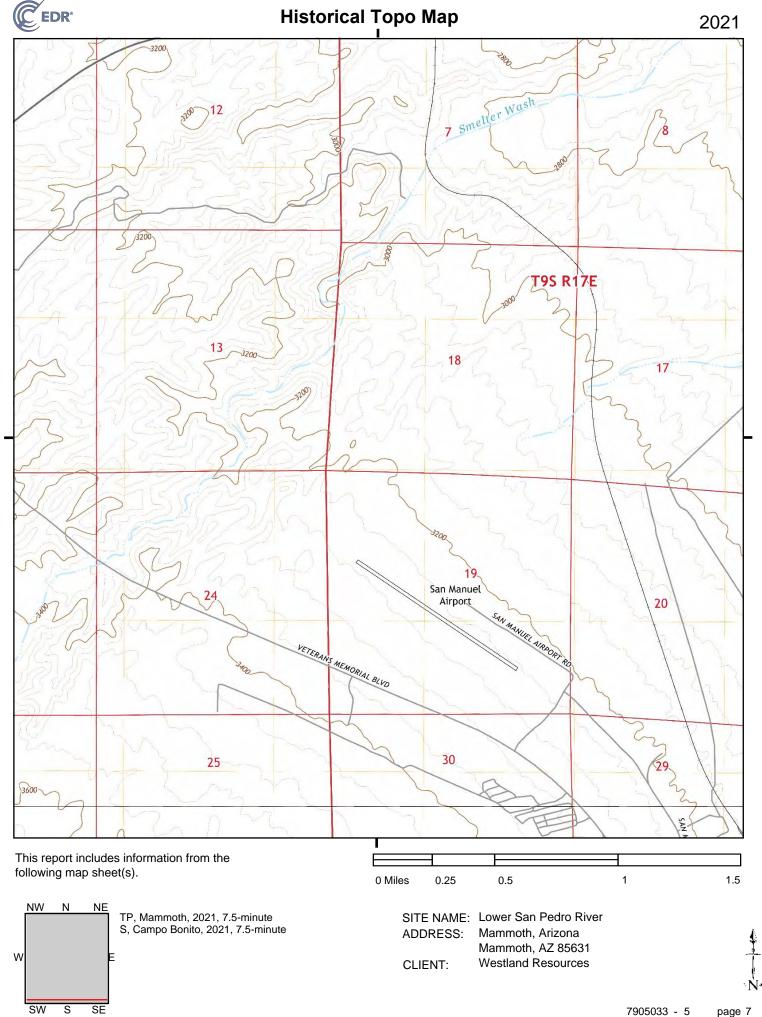
## 1913 Source Sheets

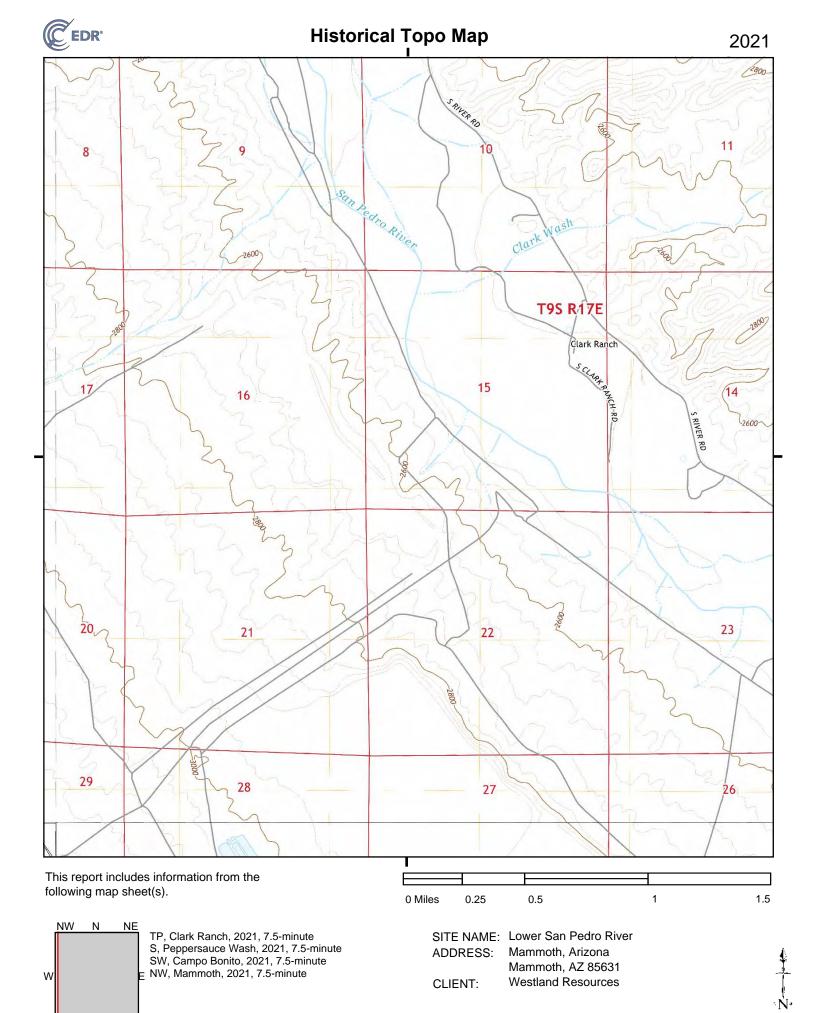


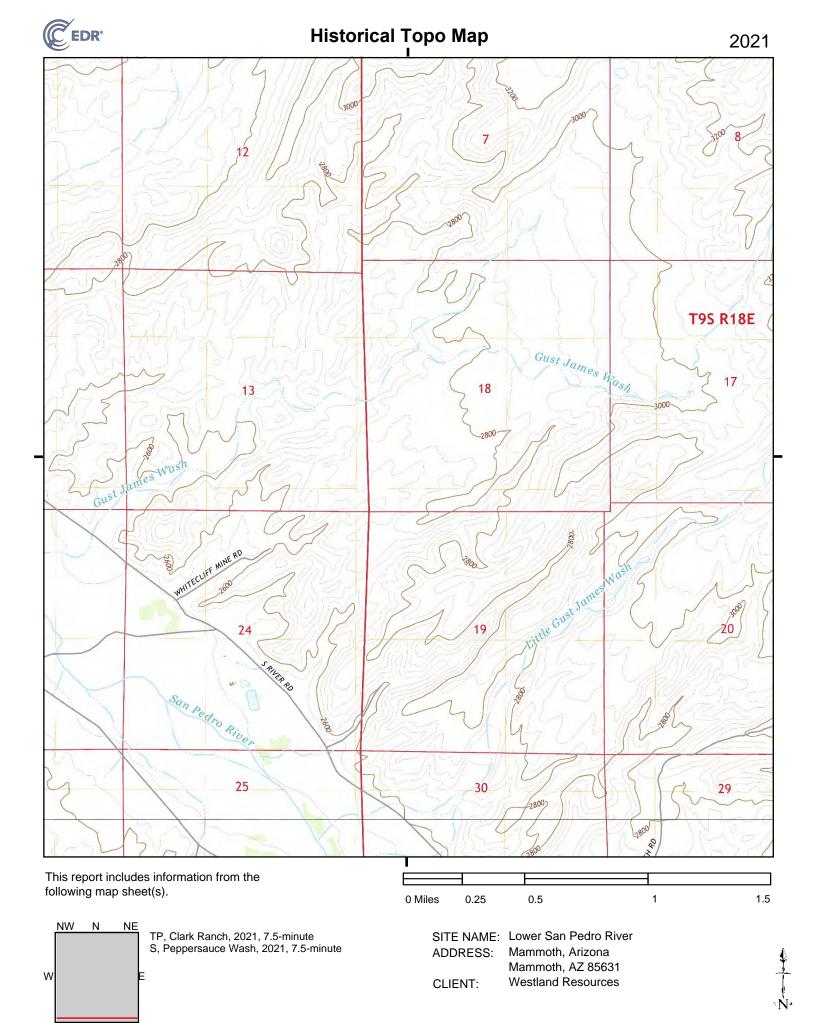
Winkelman 1913 30-minute, 125000

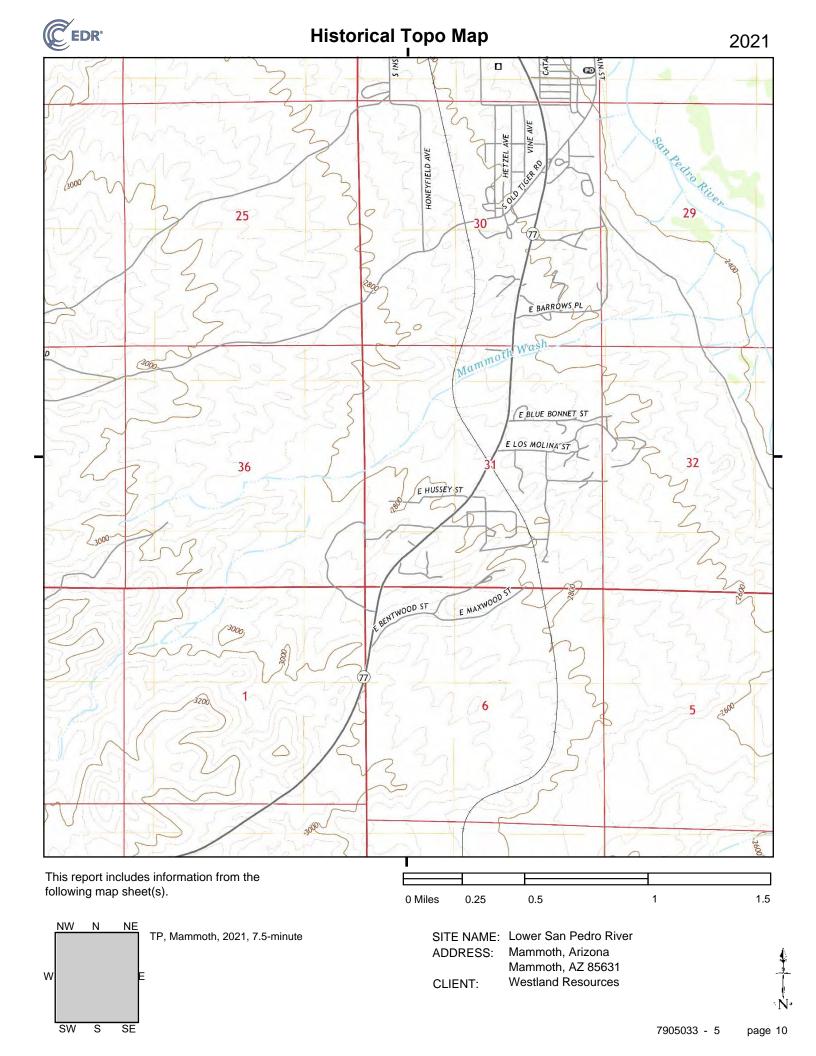


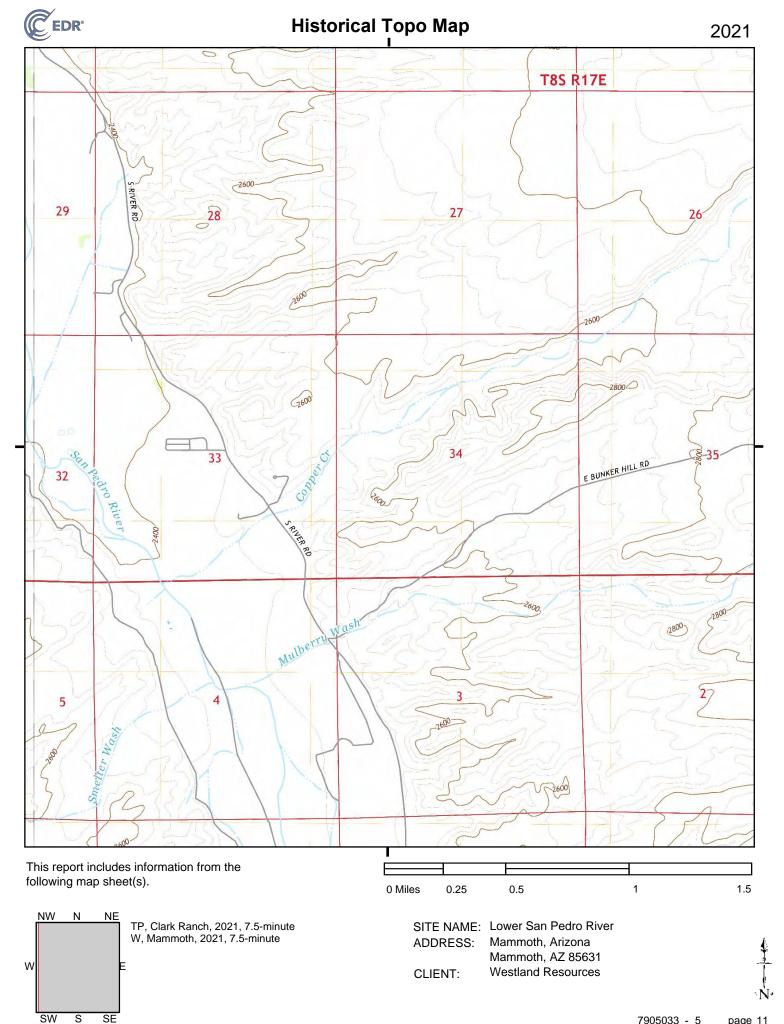
Winkelman 1911 30-minute, 125000

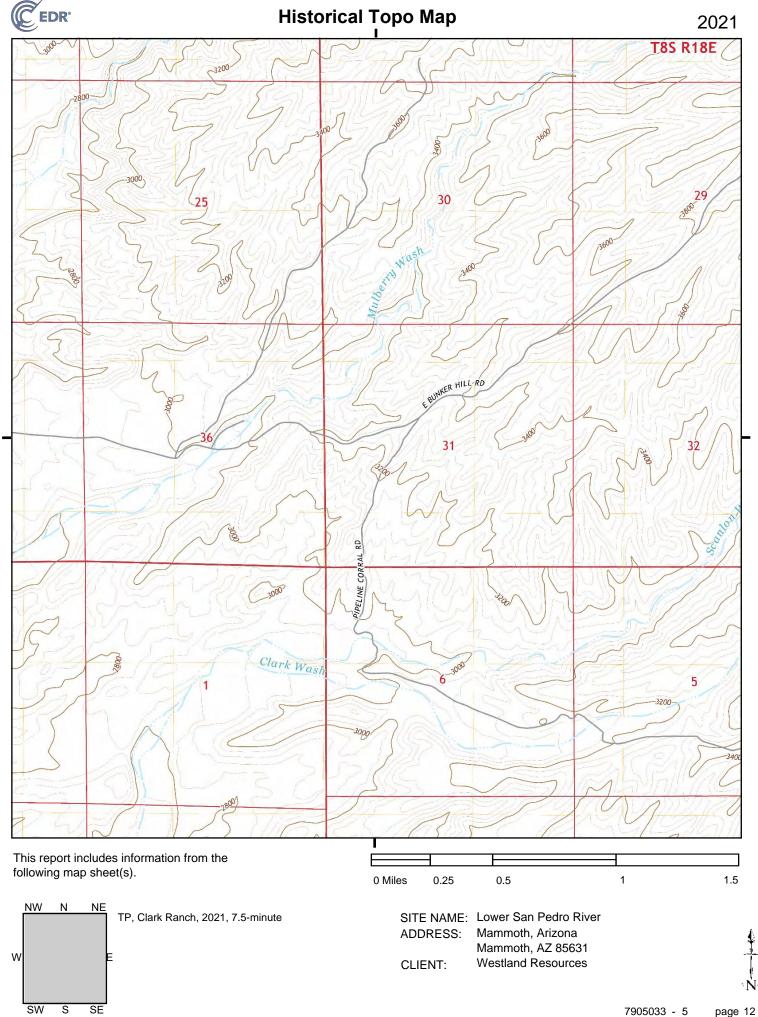


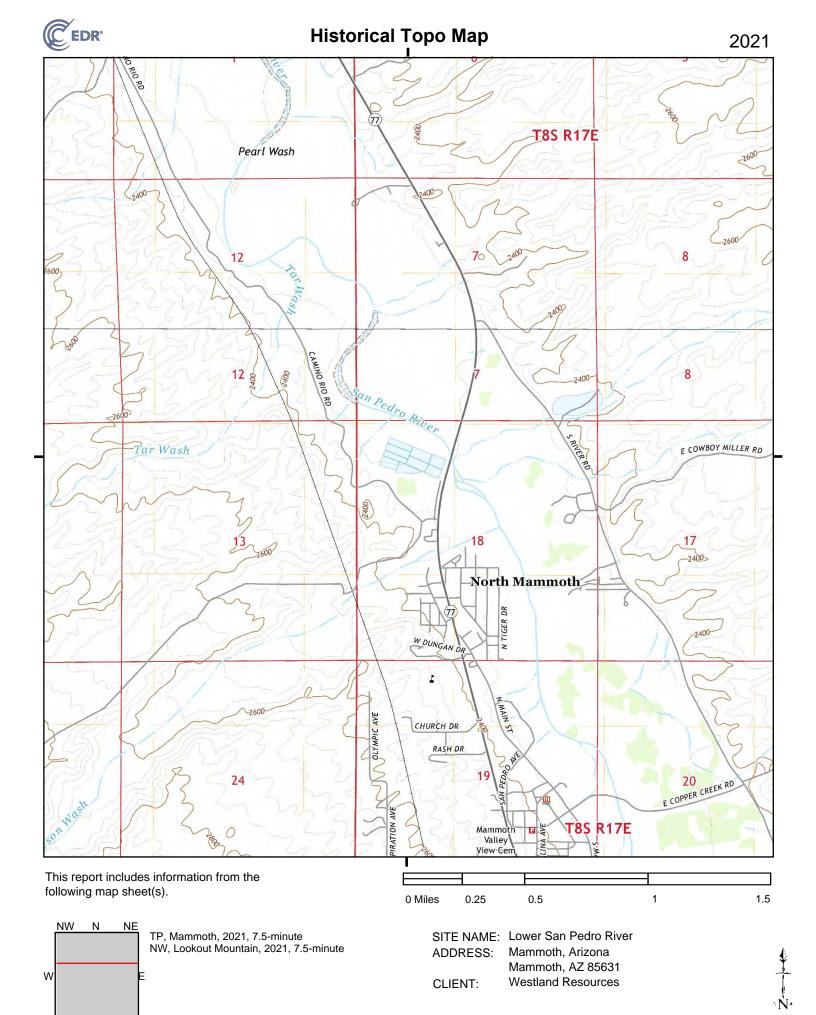




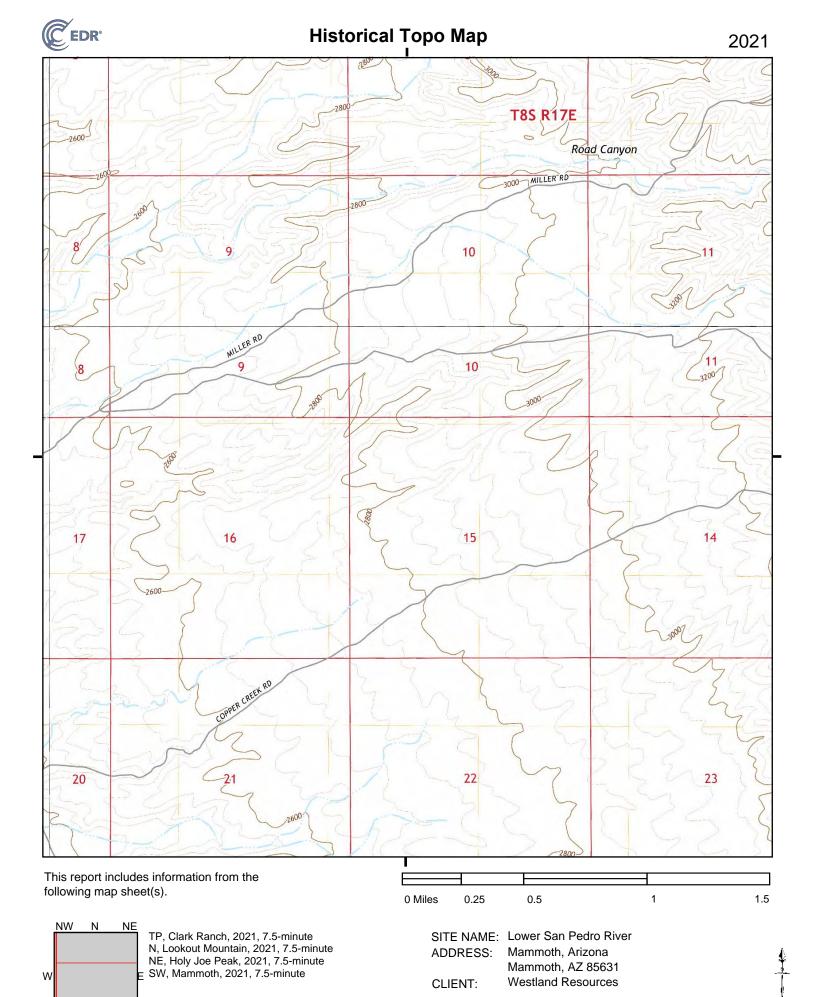


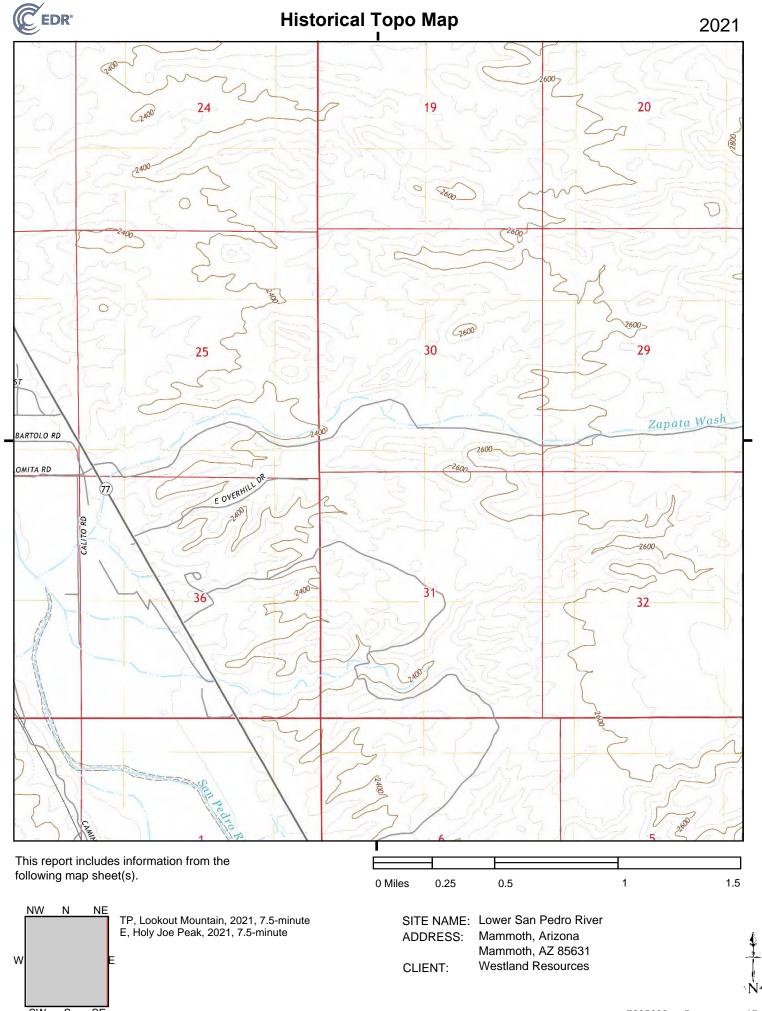


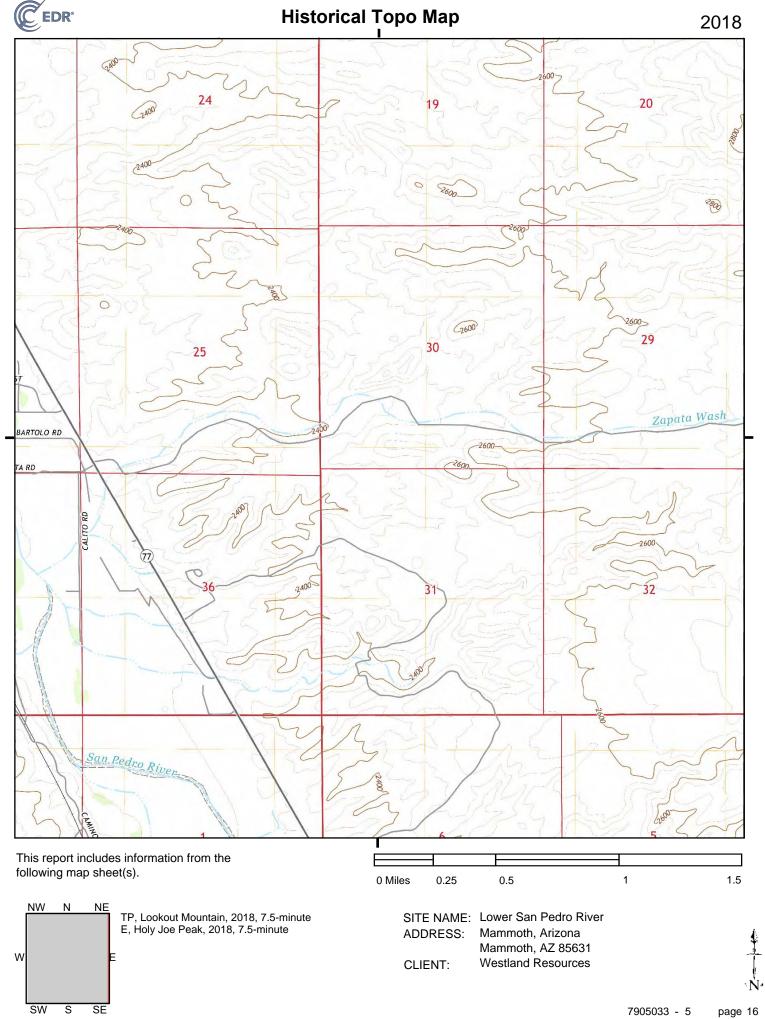


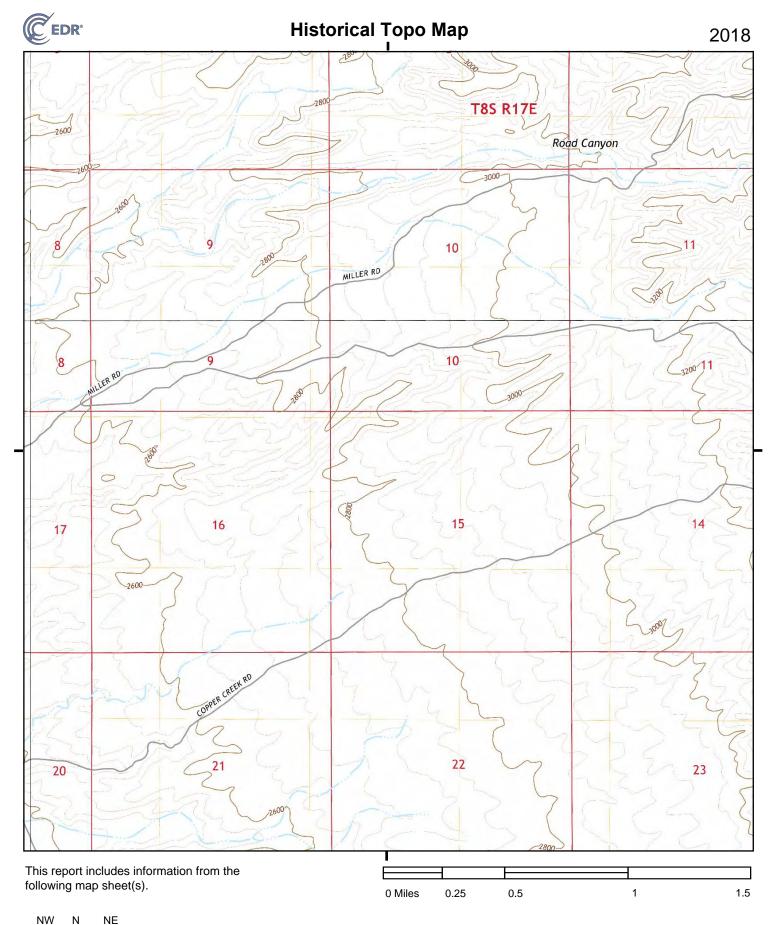


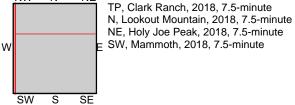
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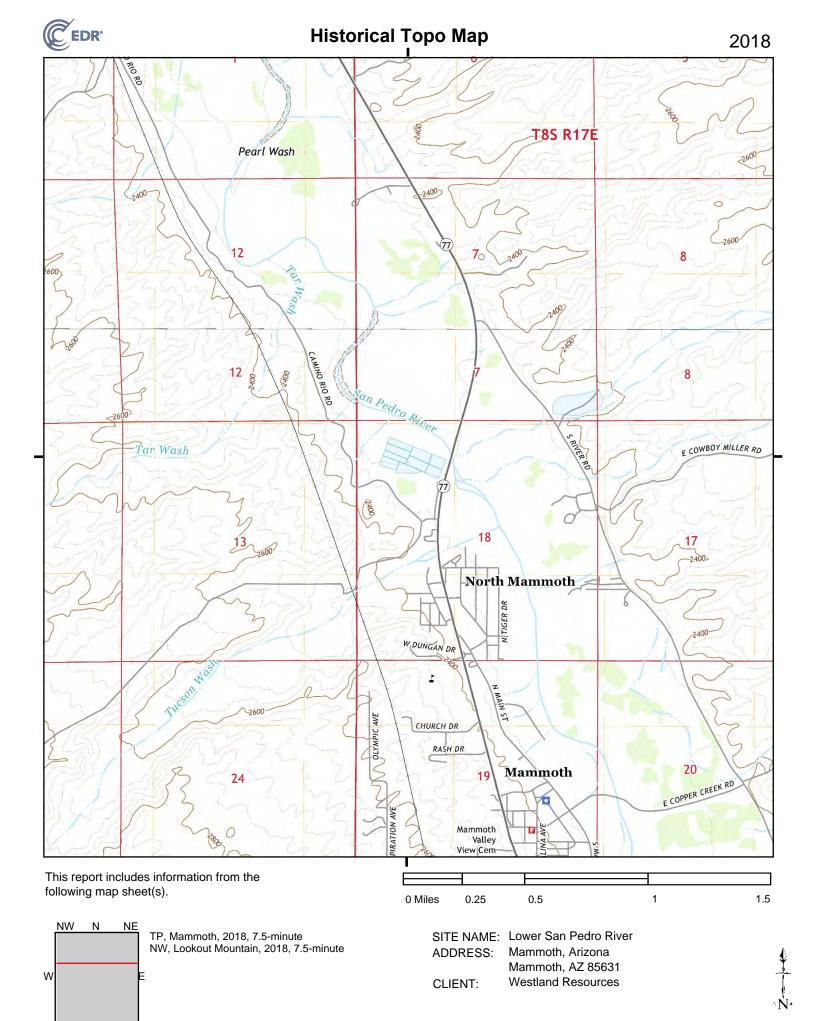




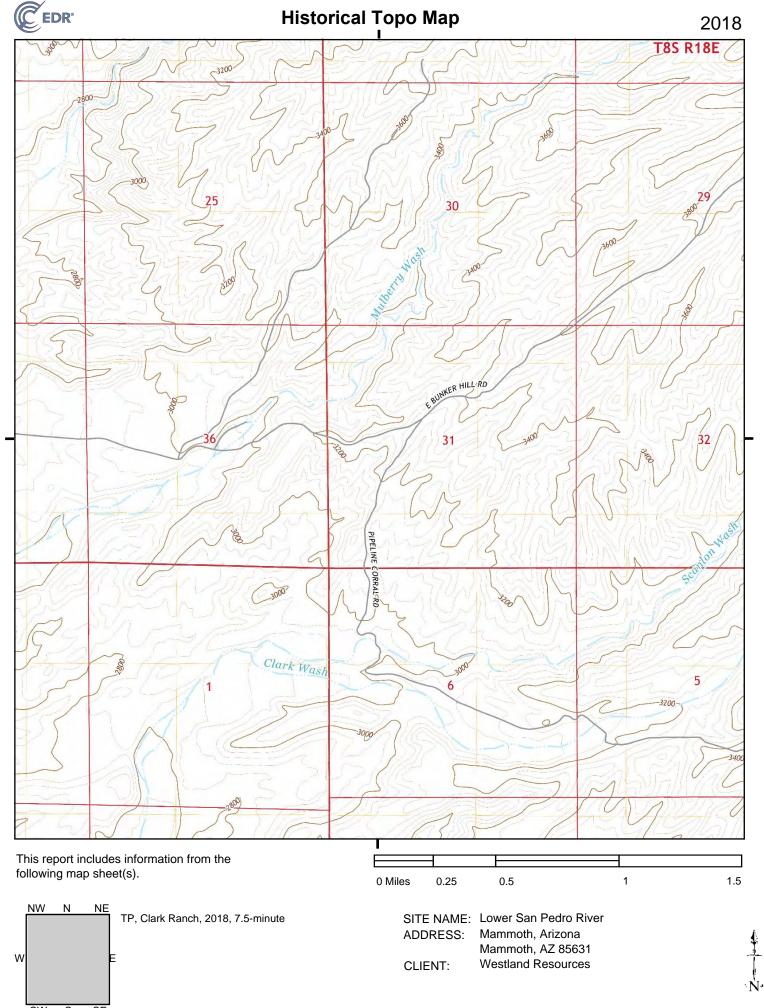
SITE NAME: Lower San Pedro River
ADDRESS: Mammoth, Arizona
Mammoth, A7 85624

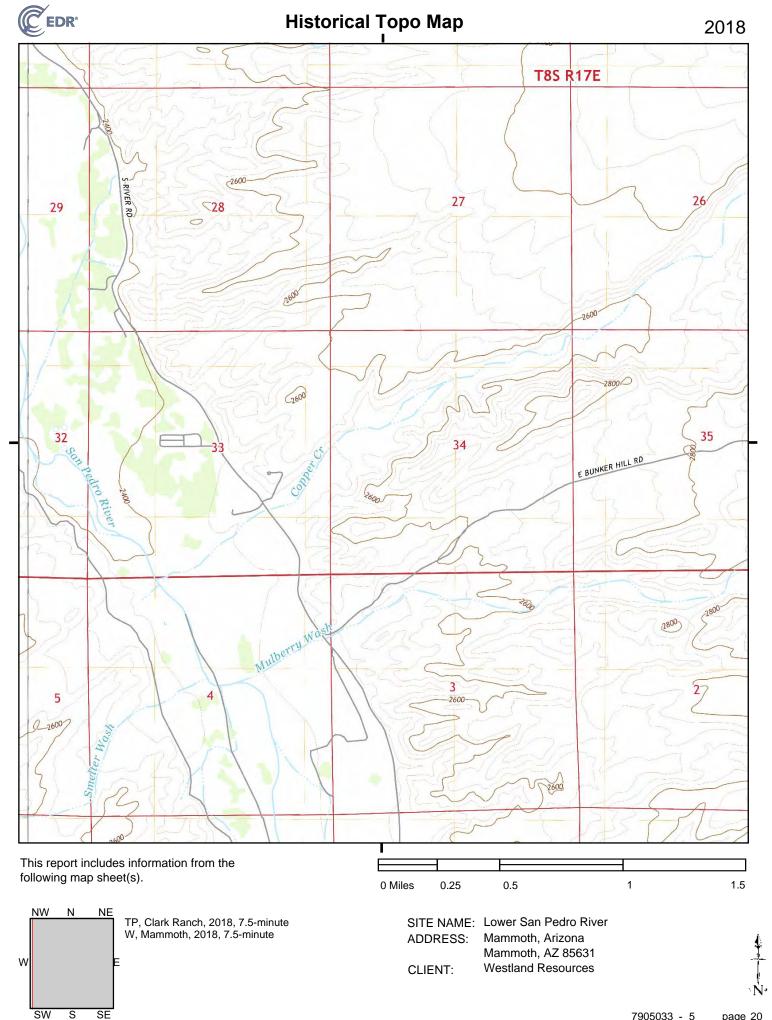
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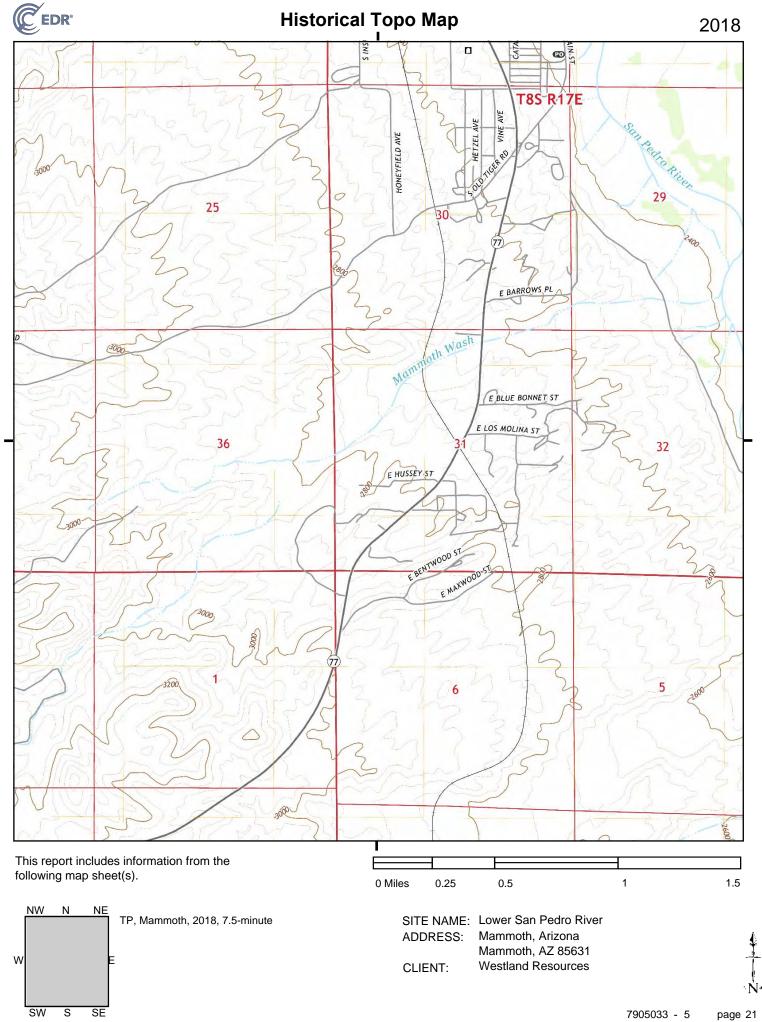
Mammoth, AZ 85631 Westland Resources

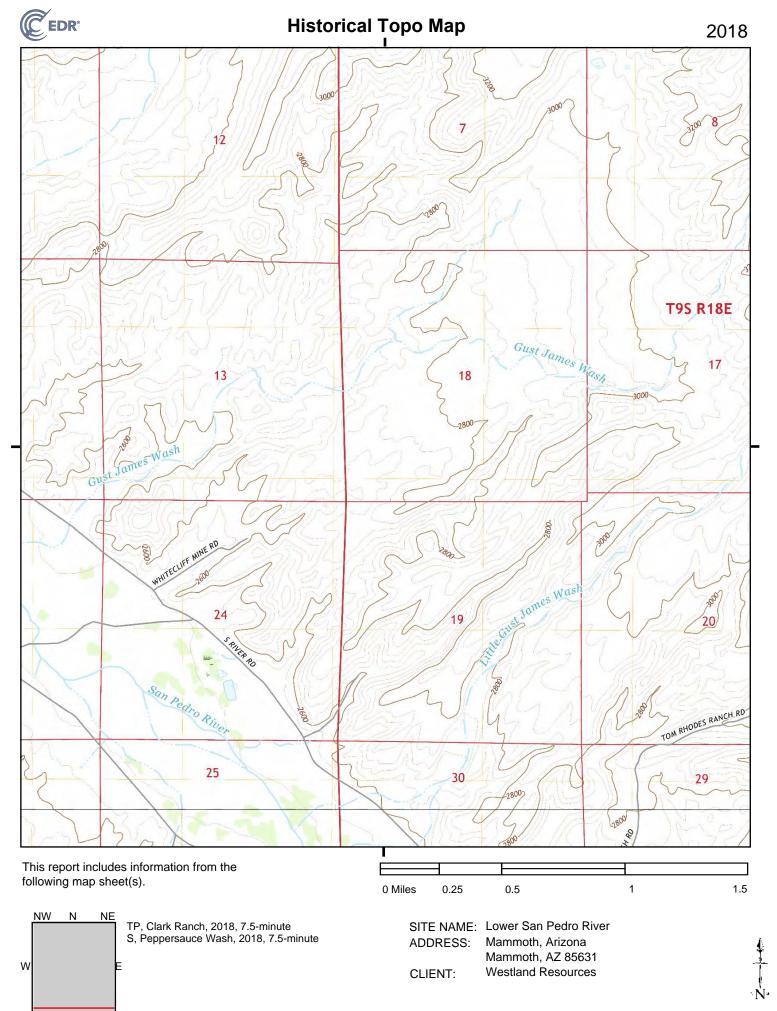


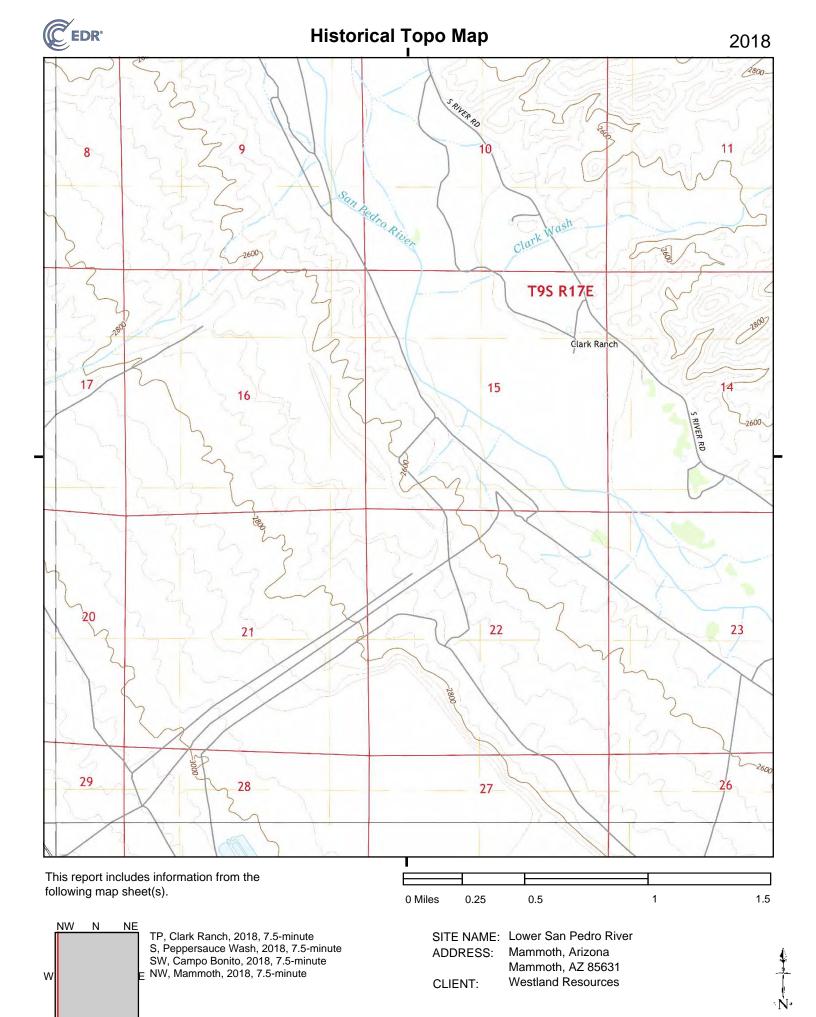
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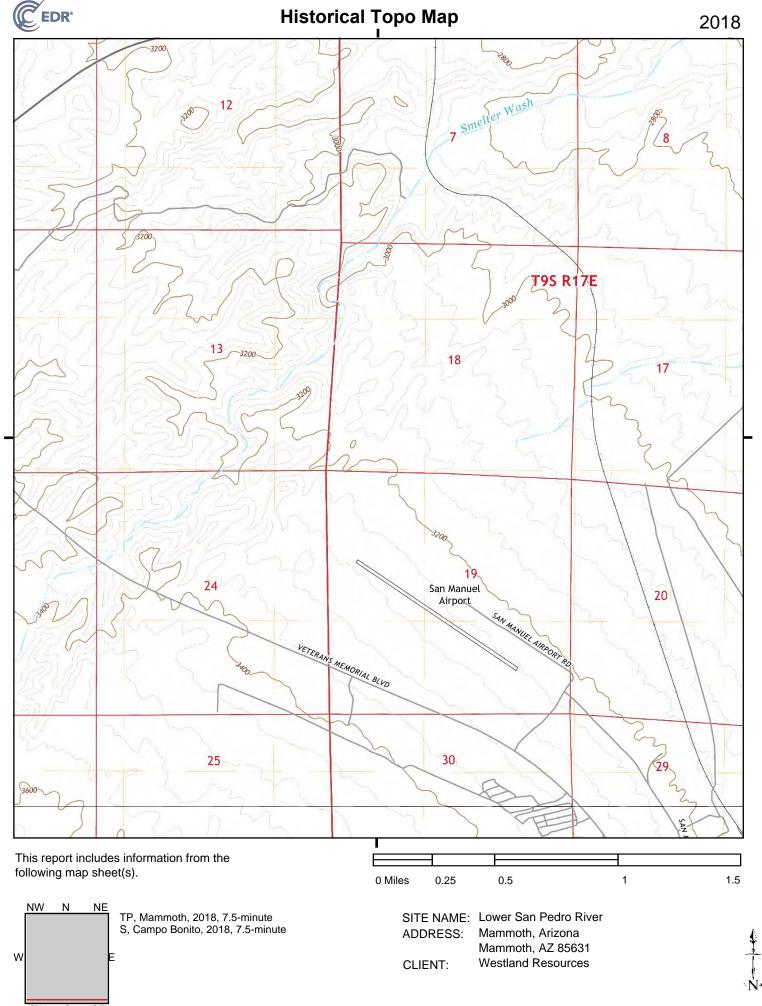


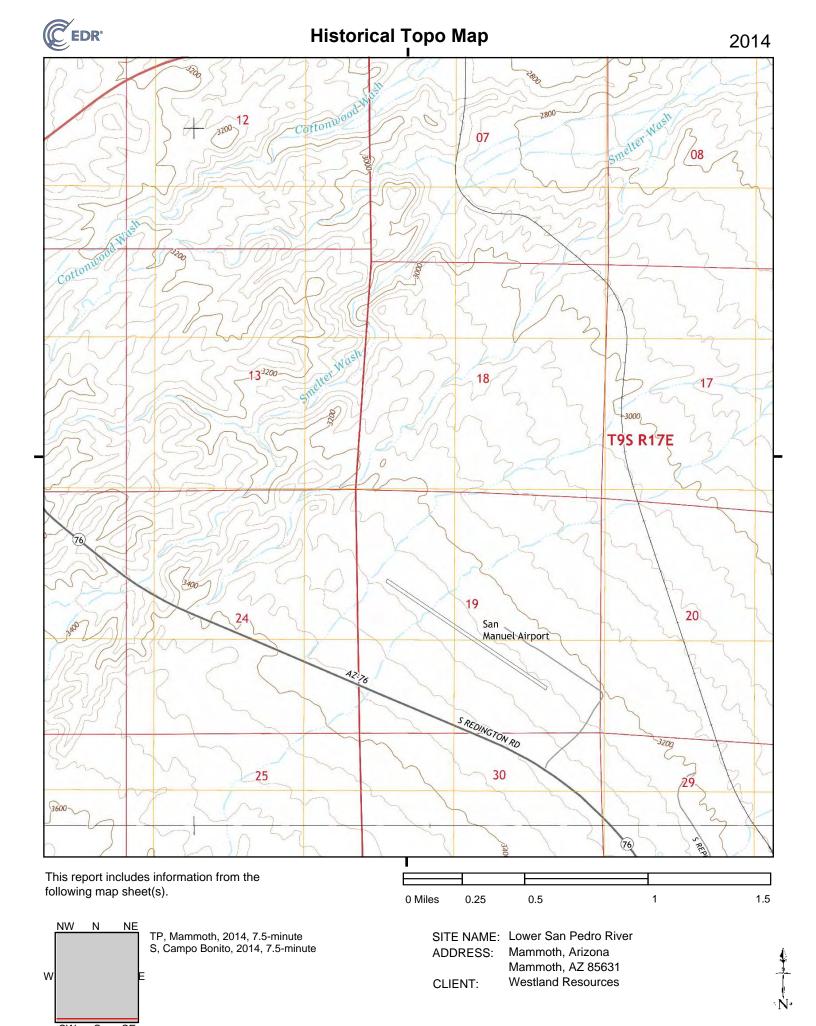


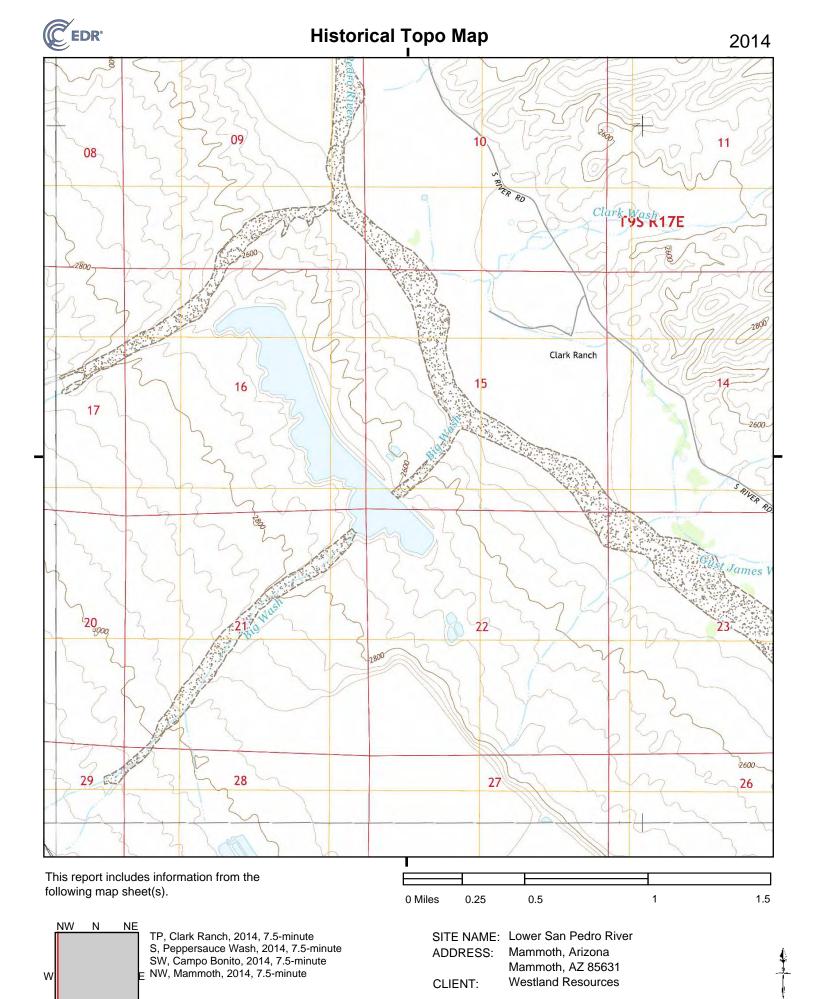










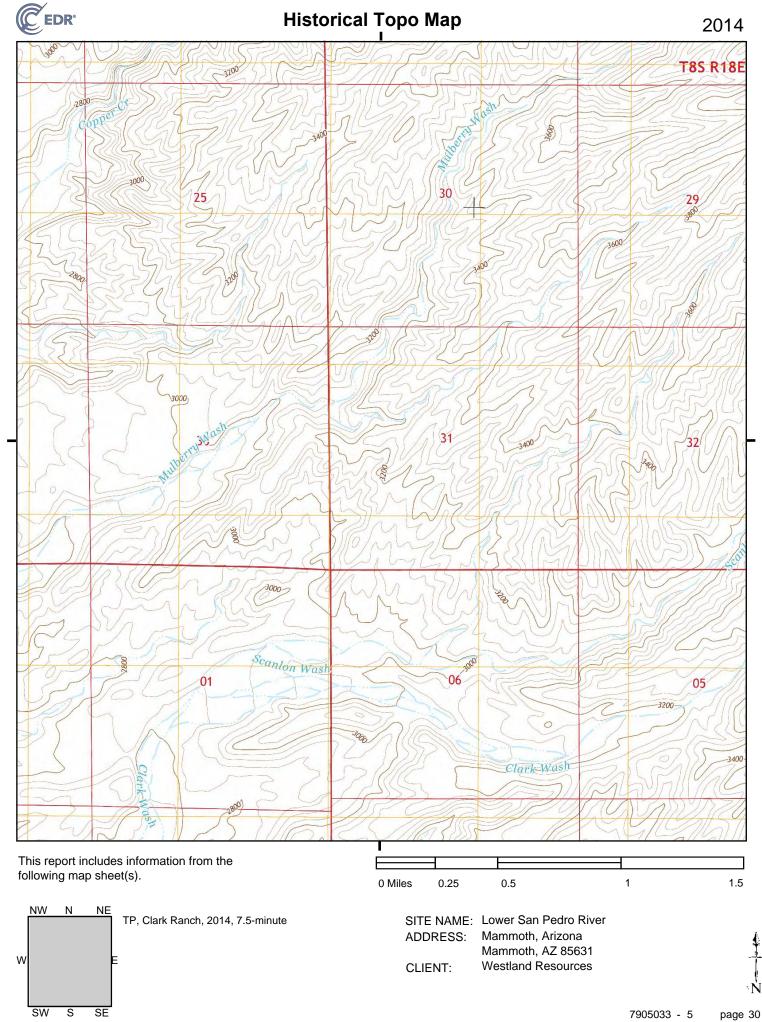


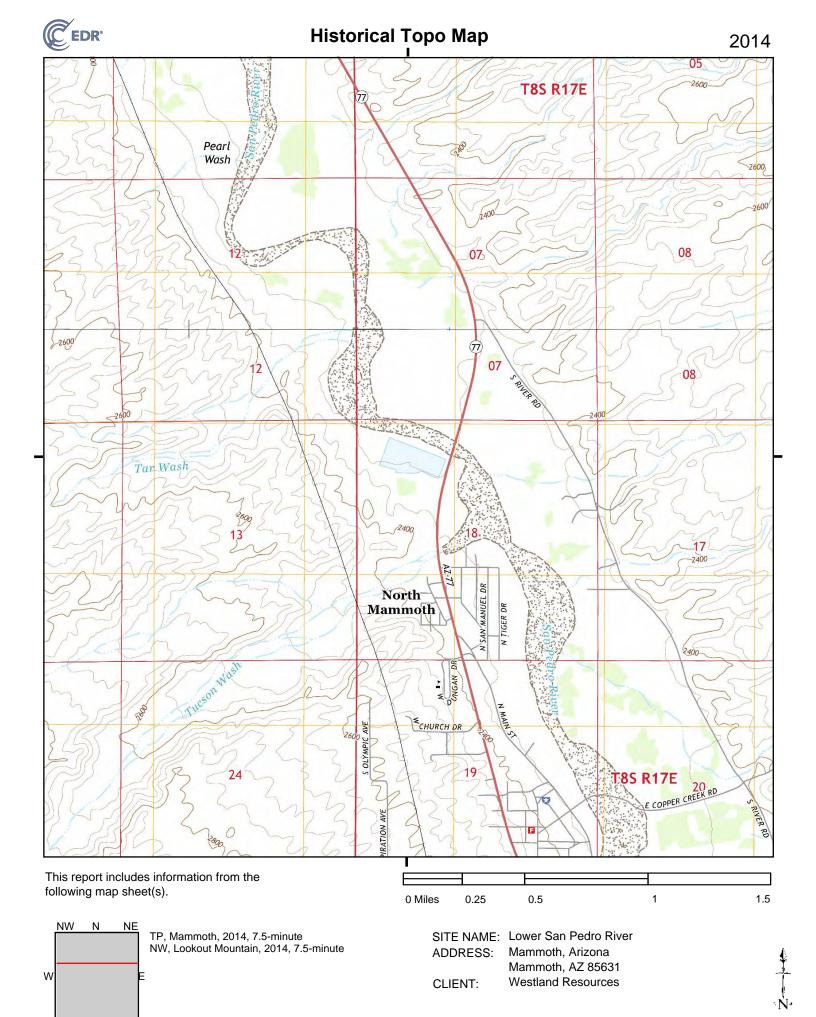
Mammoth, Arizona

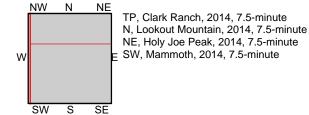
Mammoth, AZ 85631 Westland Resources

ADDRESS:

CLIENT:







following map sheet(s).

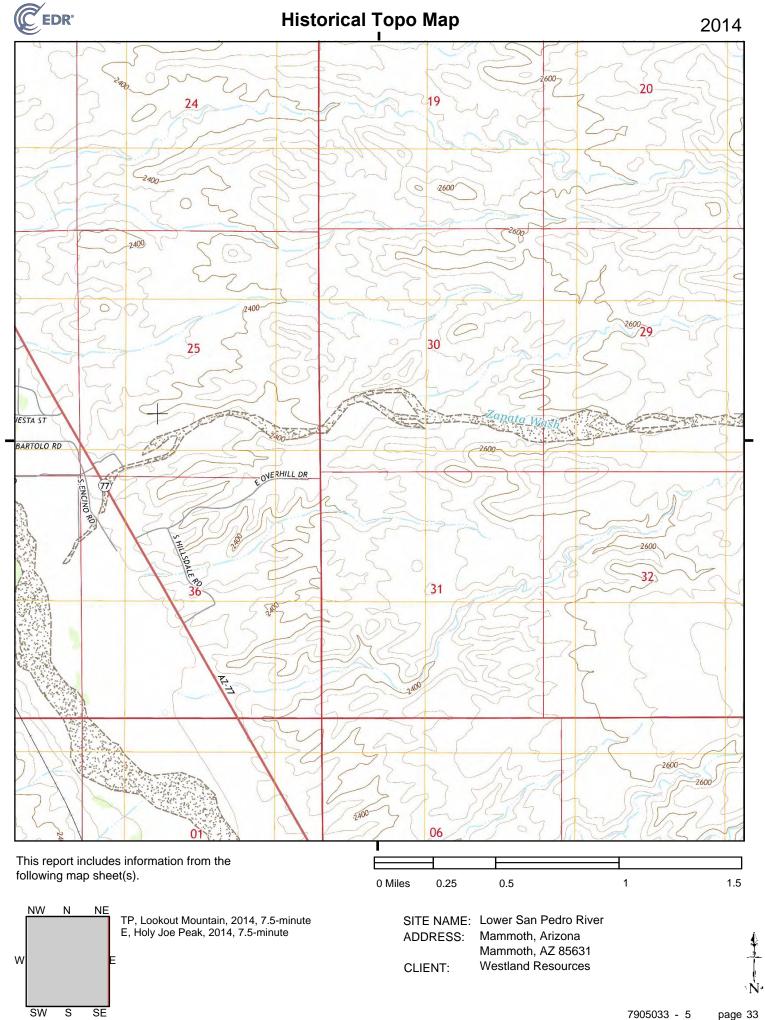
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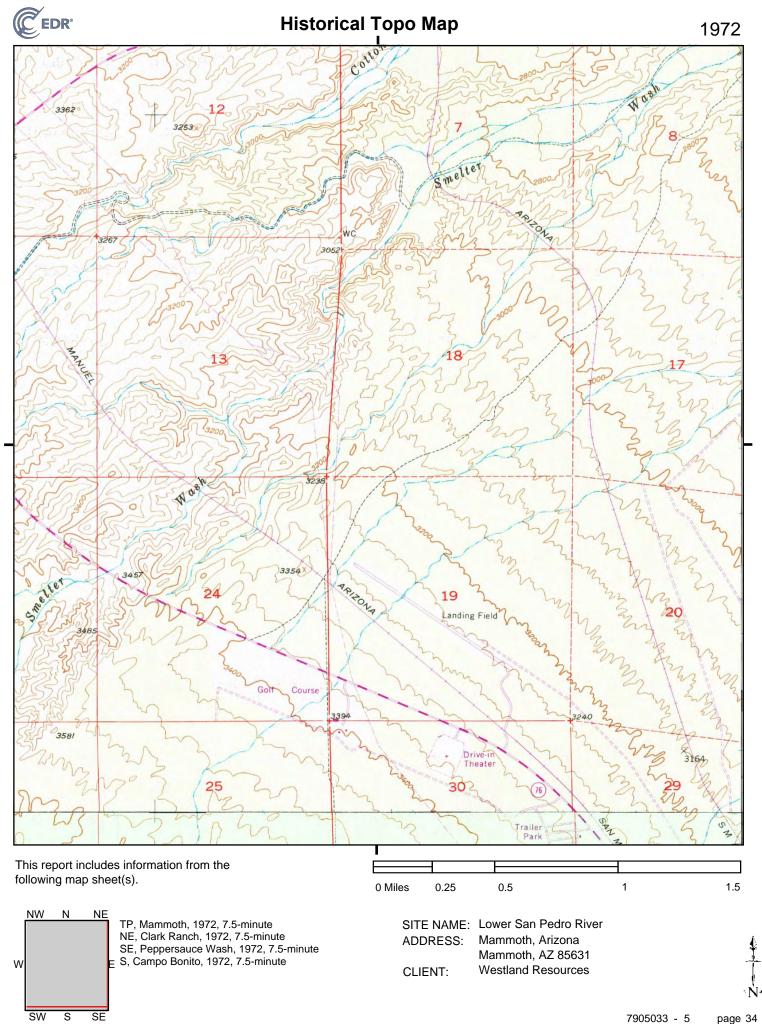
SITE NAME: Lower San Pedro River ADDRESS: Mammoth, Arizona

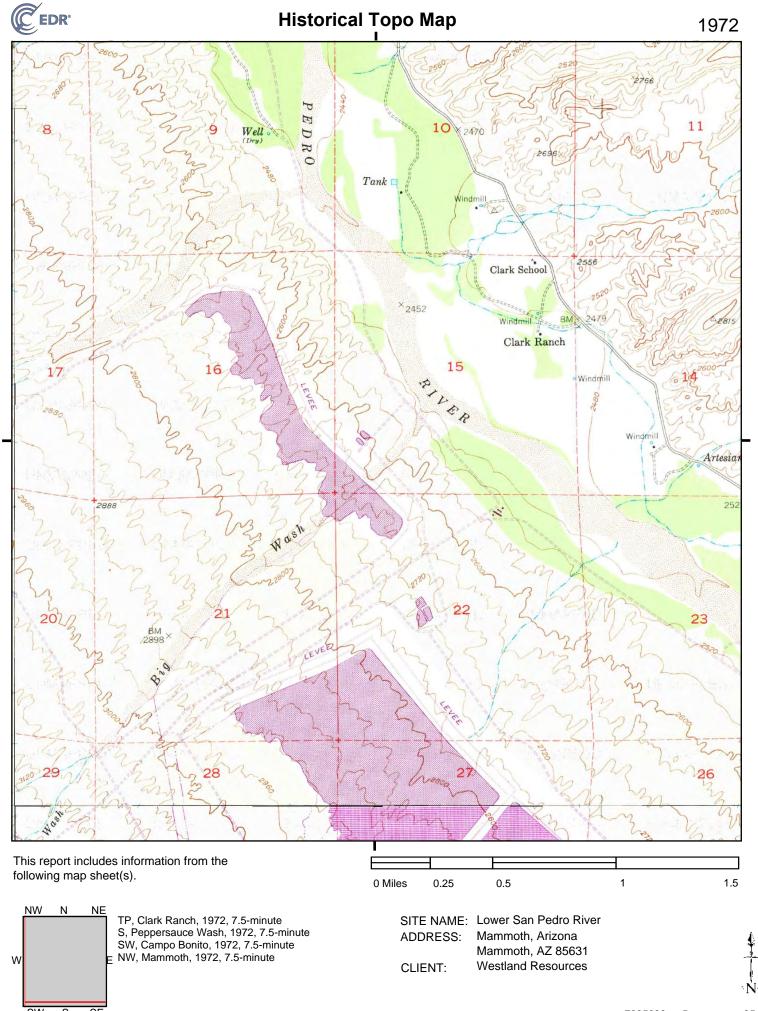
Mammoth, AZ 85631
CLIENT: Westland Resources

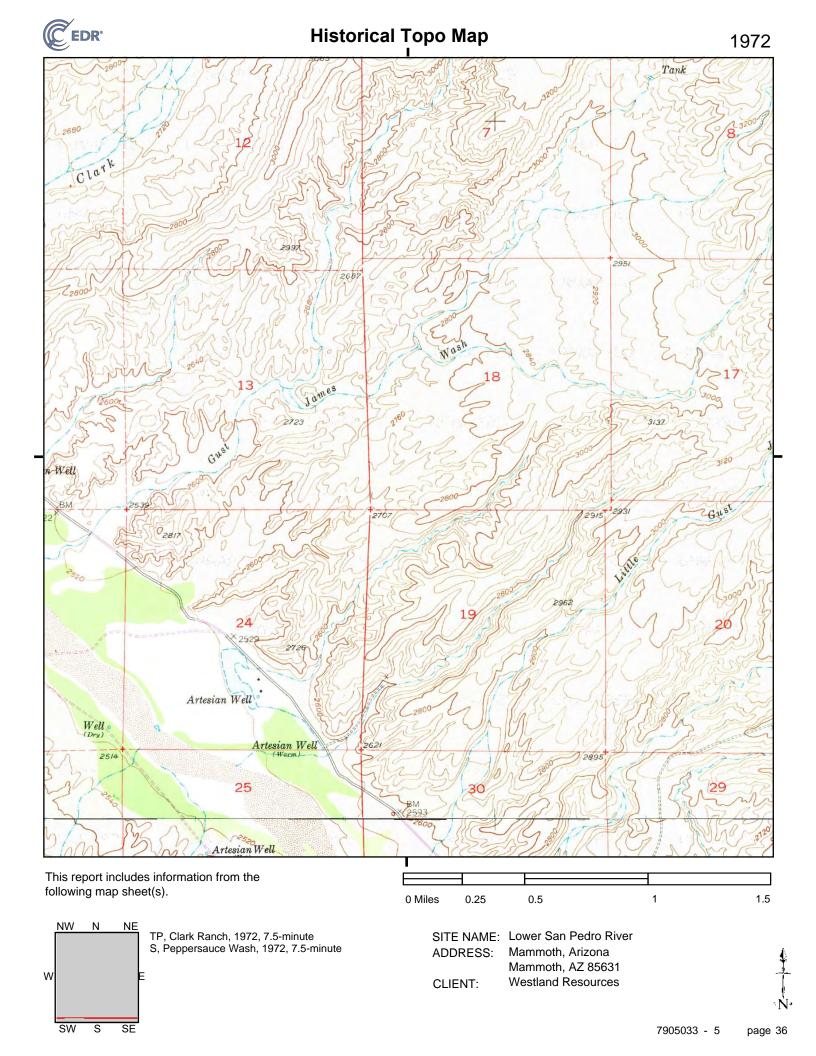


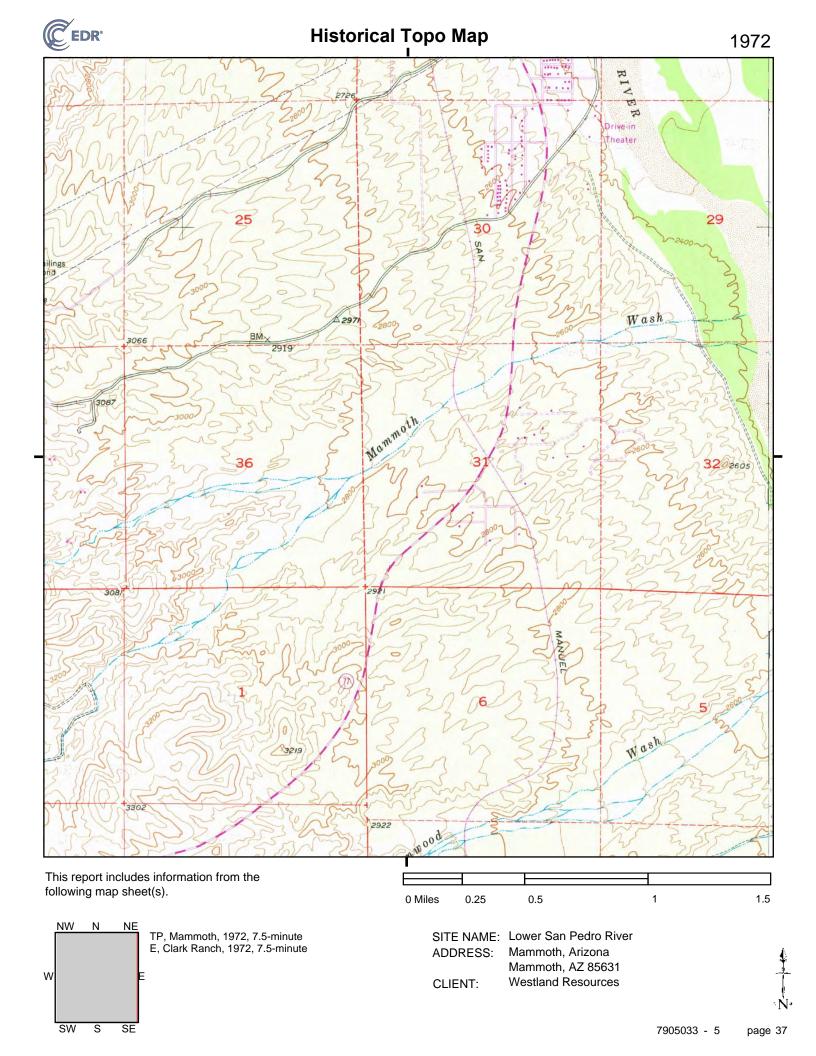
page 32

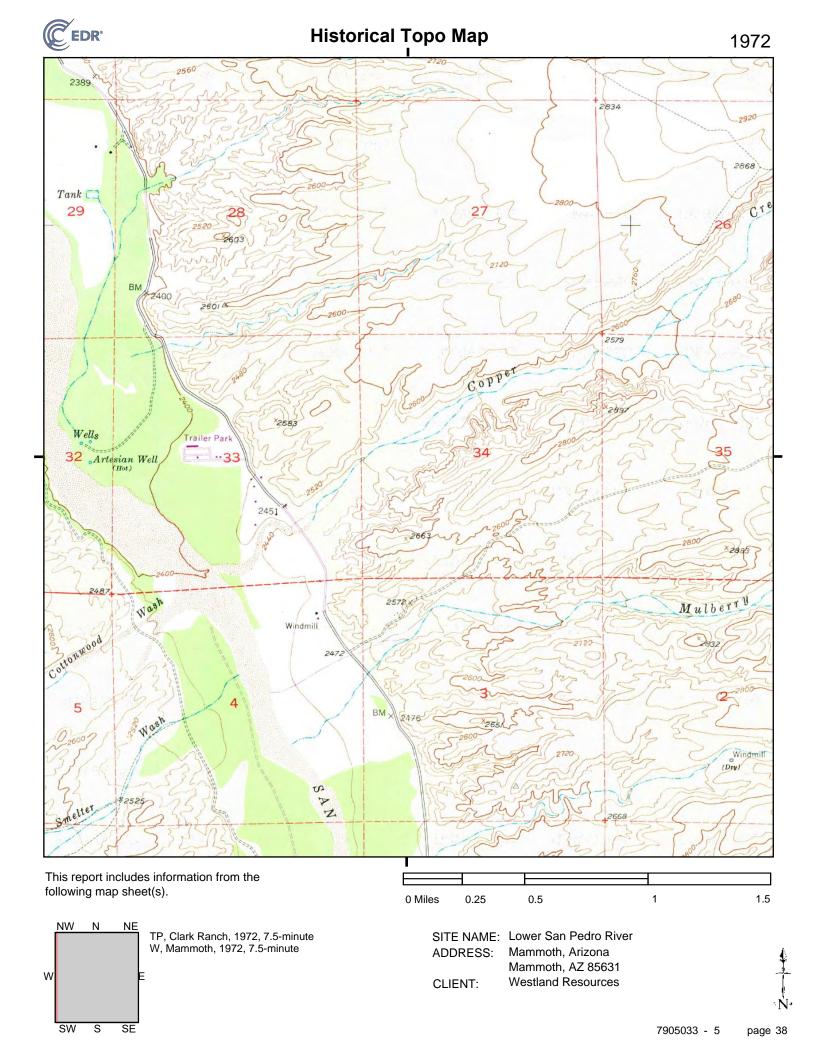


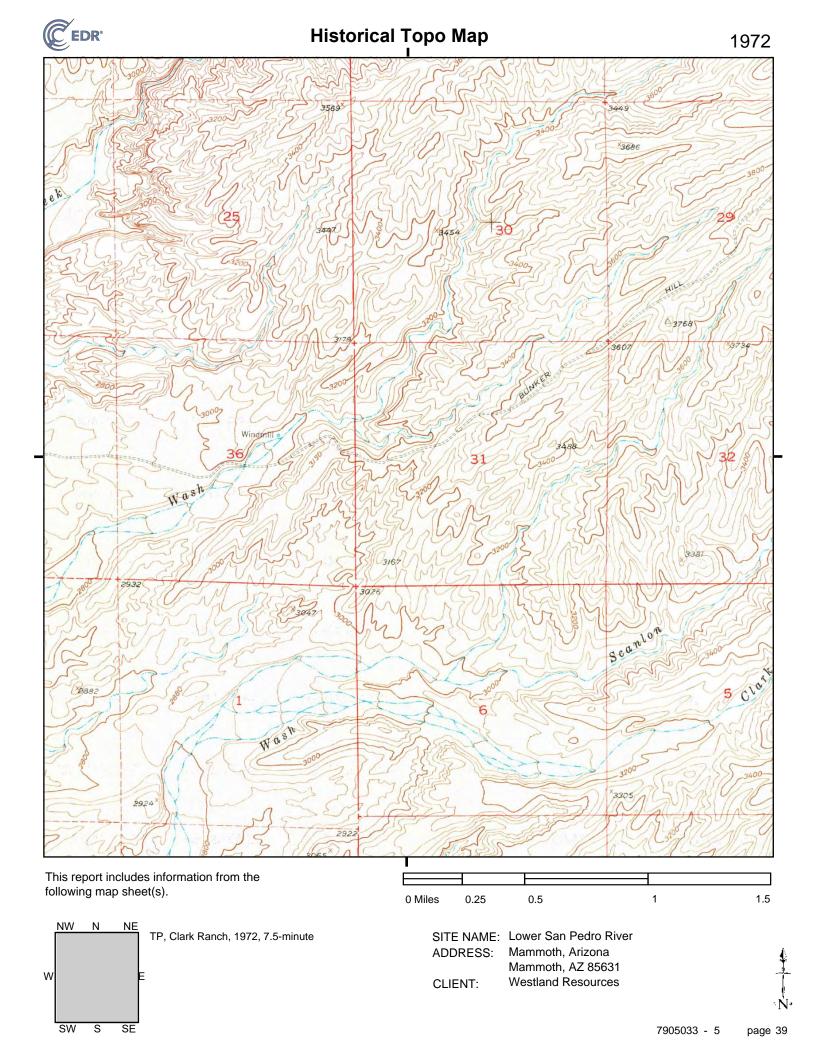


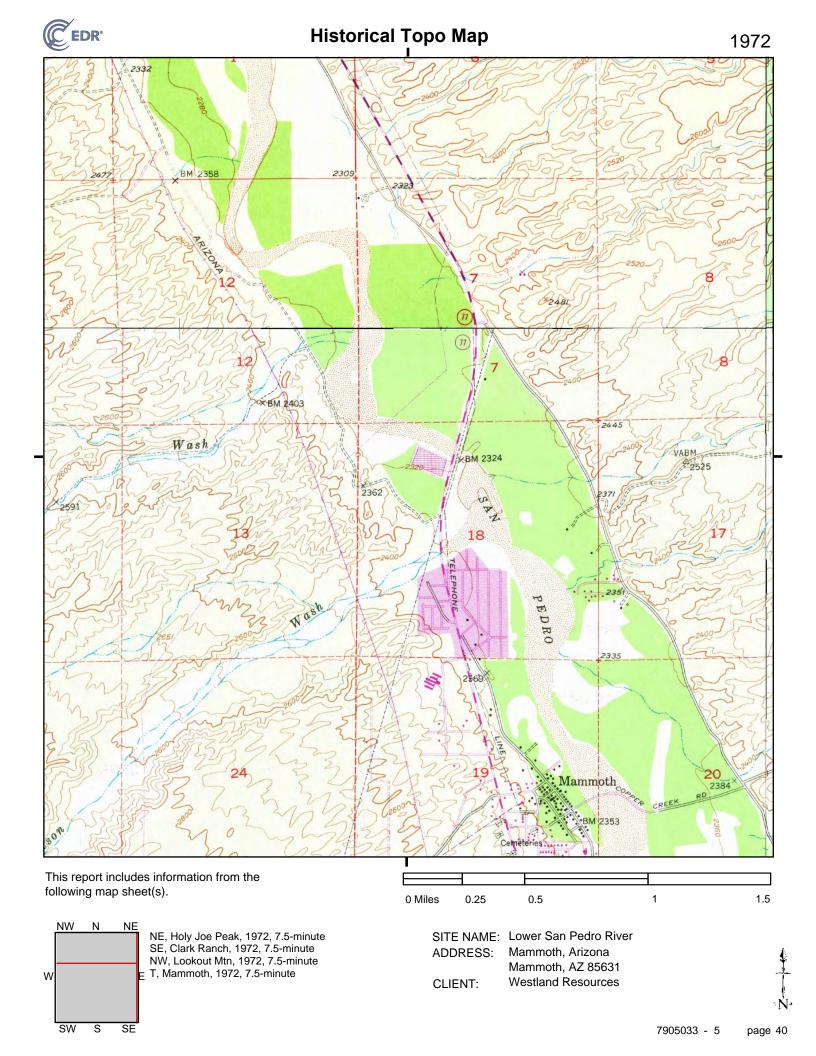


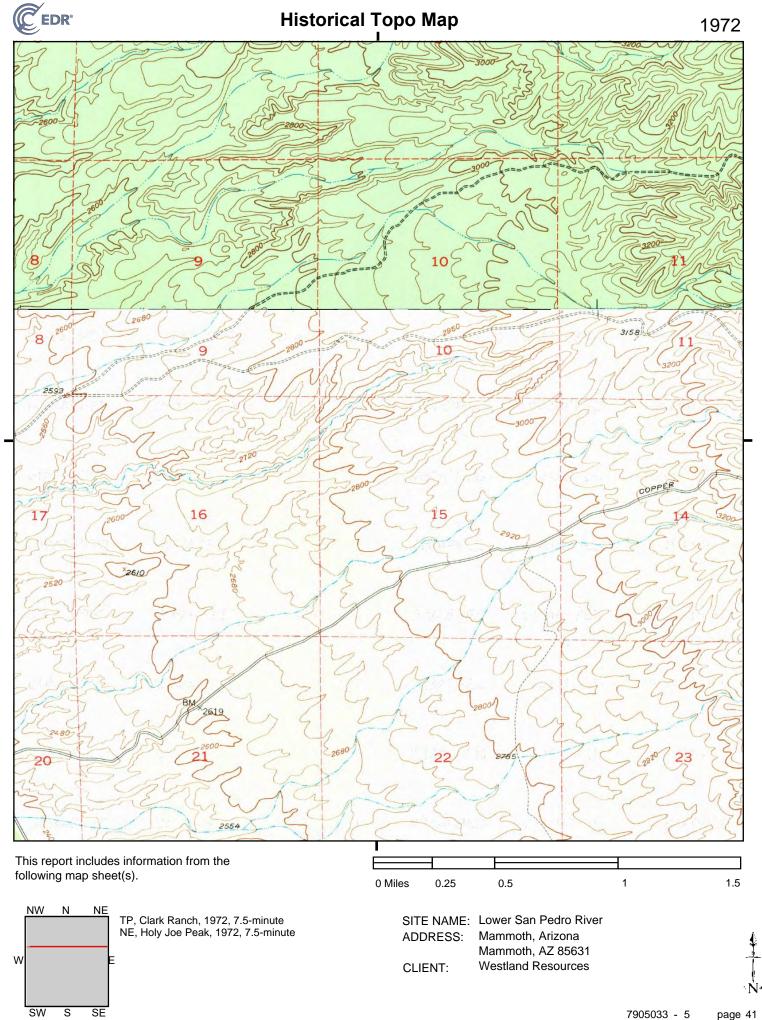


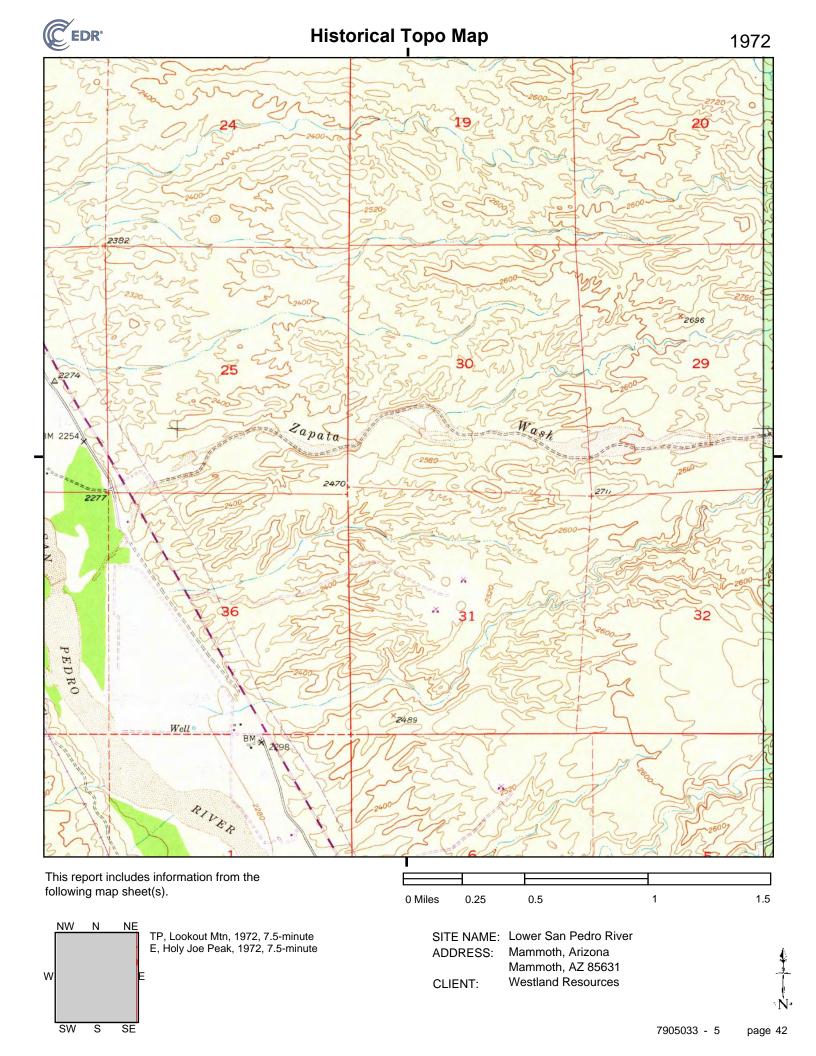






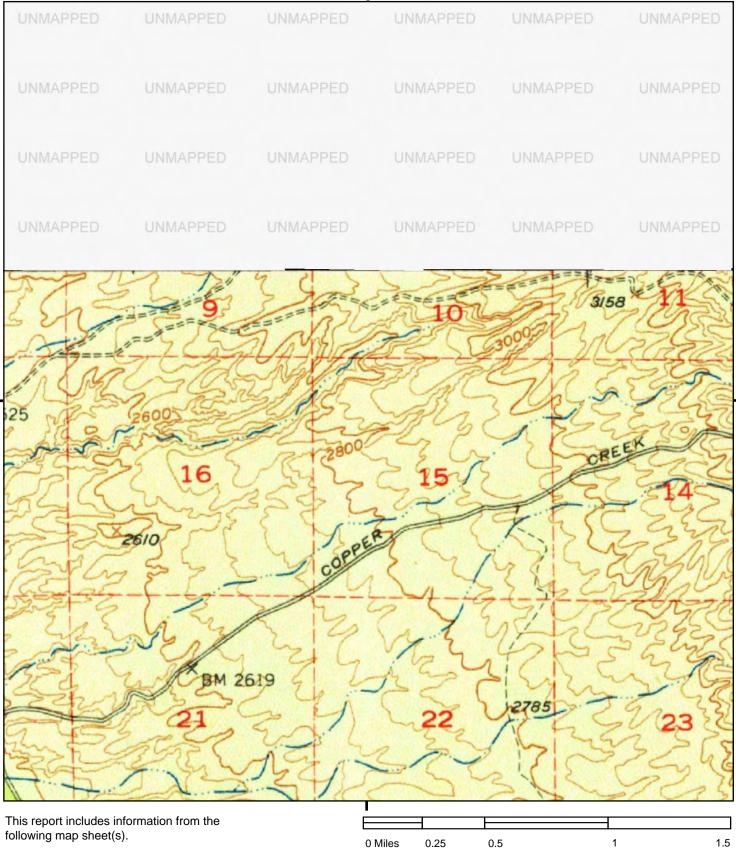


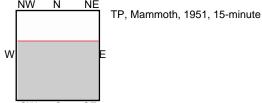






## **Historical Topo Map**





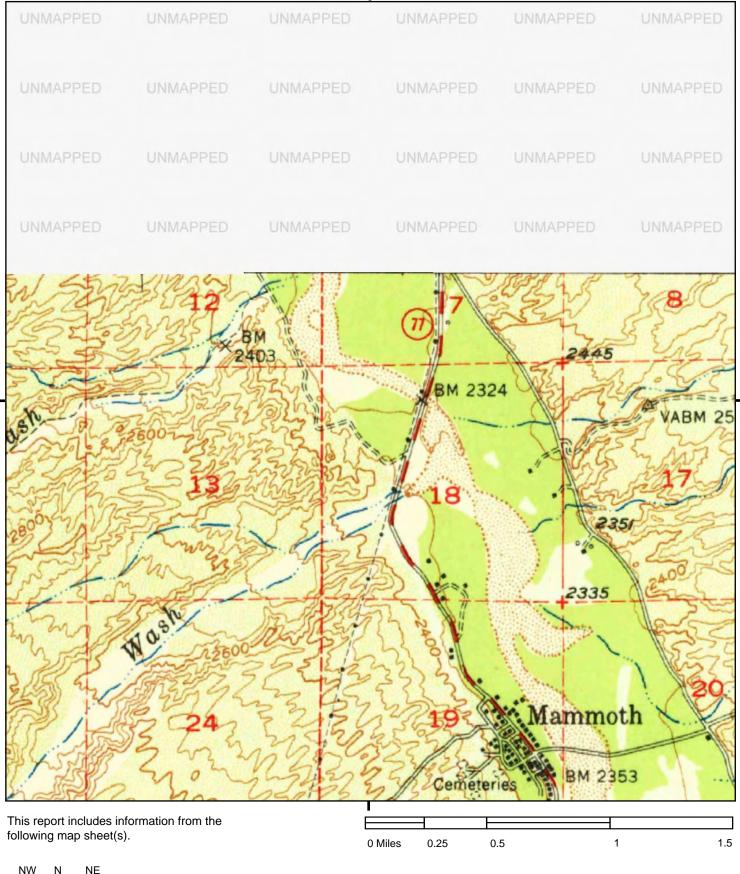
SITE NAME: Lower San Pedro River ADDRESS: Mammoth, Arizona

Mammoth, AZ 85631

CLIENT: Westland Resources





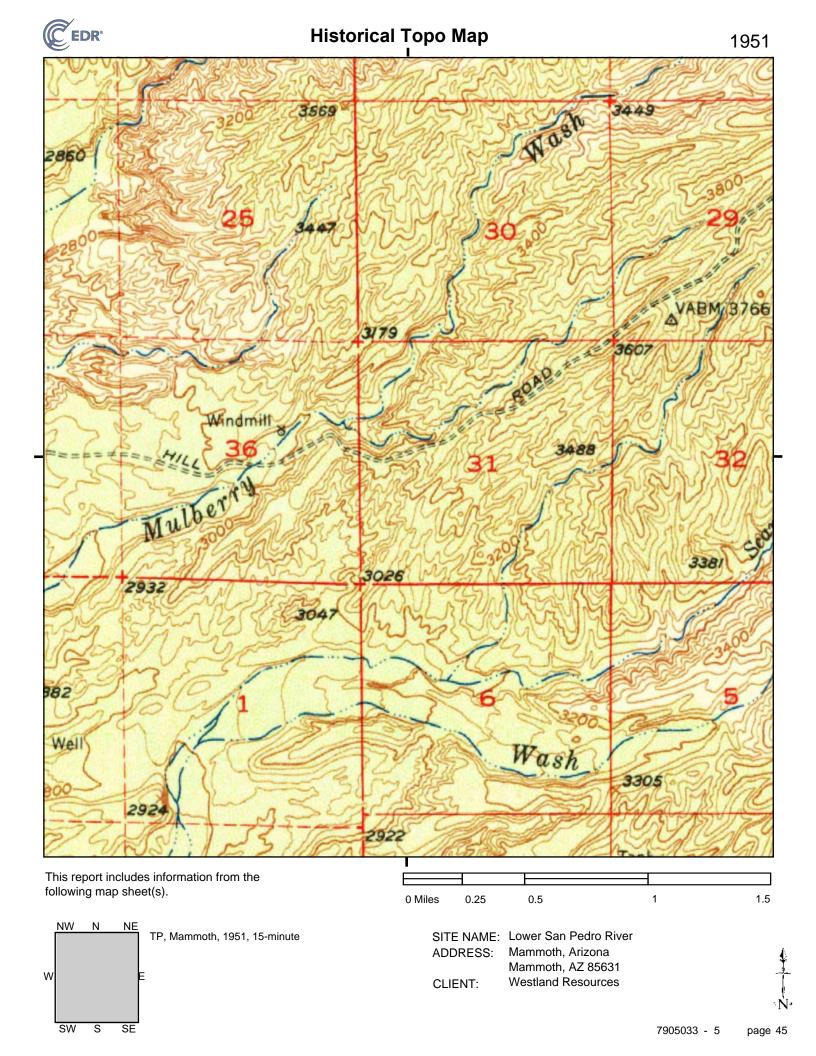


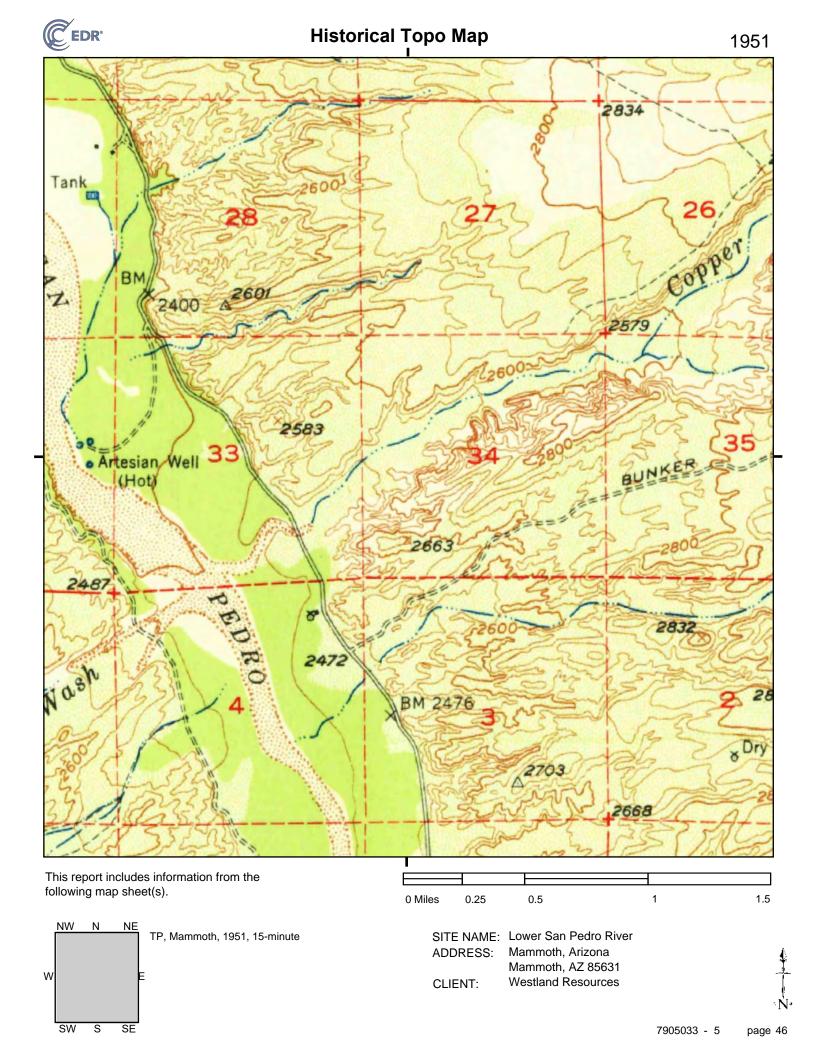
NW N NE TP, Mammoth, 1951, 15-minute
W

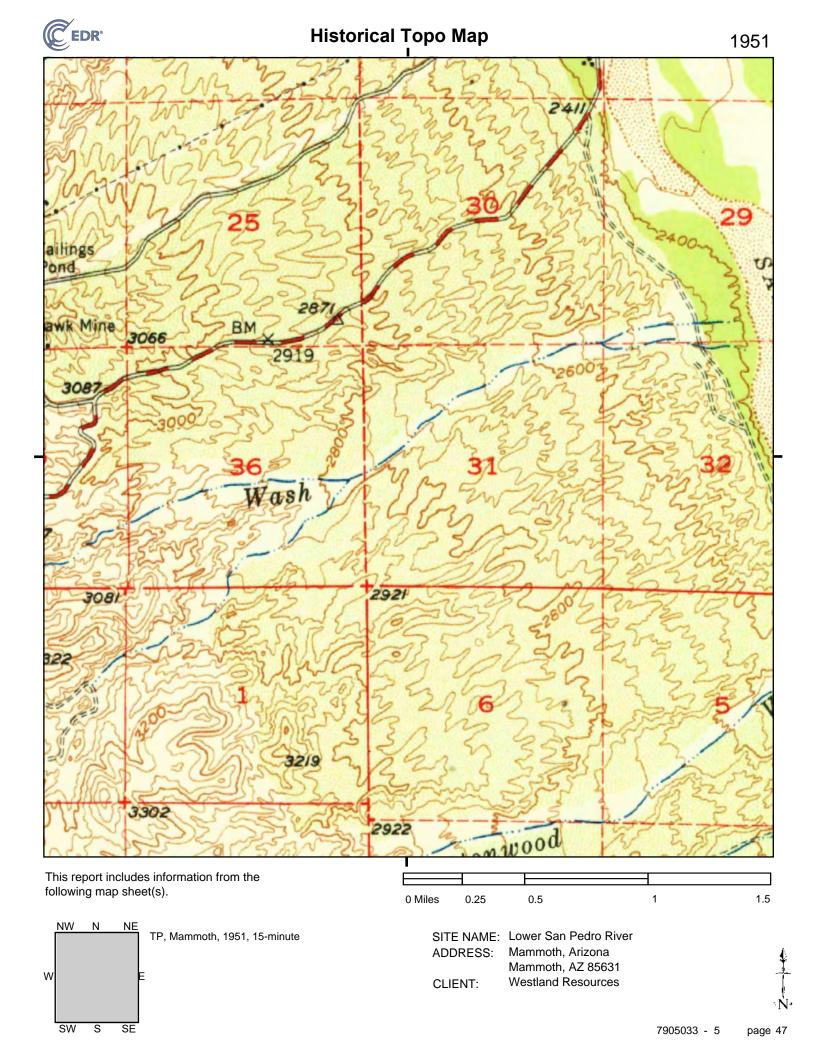
SITE NAME: Lower San Pedro River ADDRESS: Mammoth, Arizona

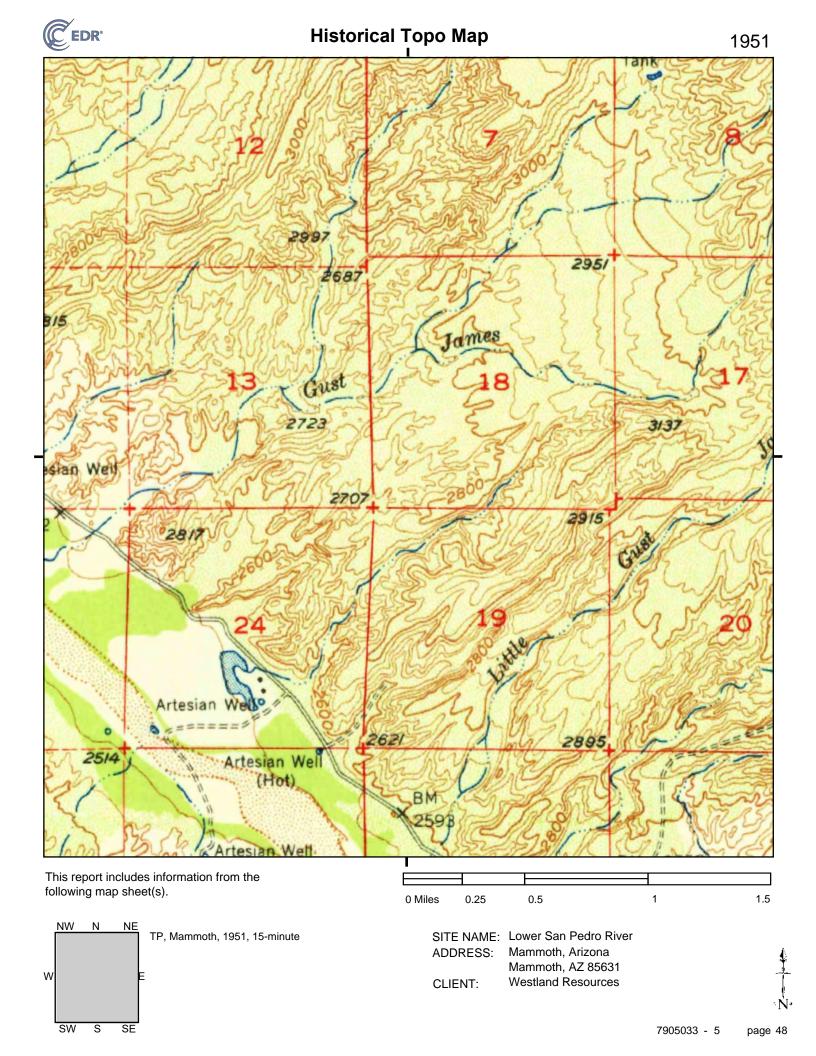
Mammoth, Arizona Mammoth, AZ 85631

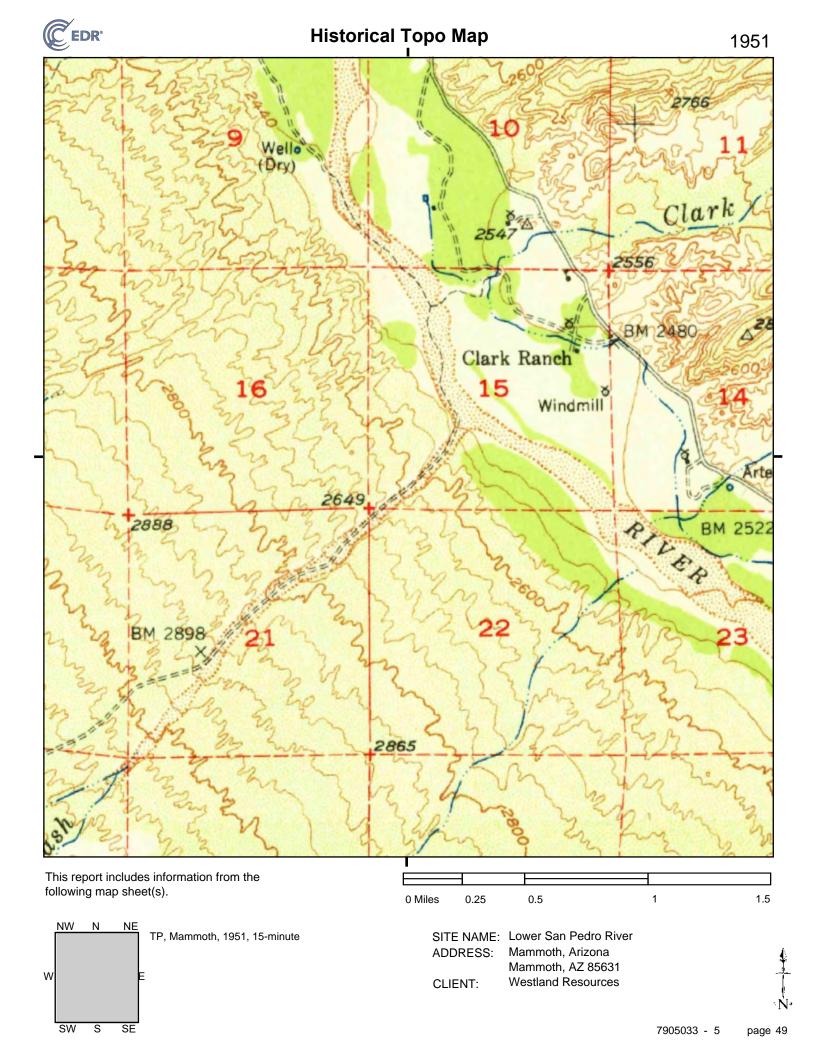
CLIENT: Westland Resources

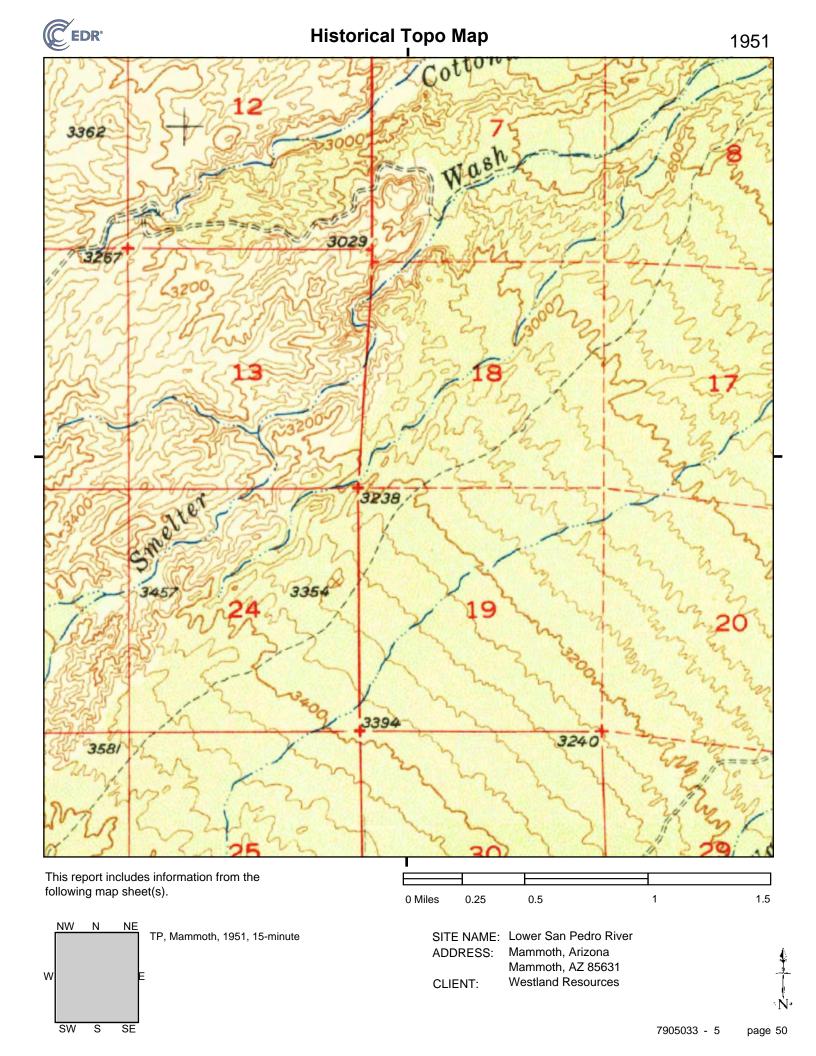


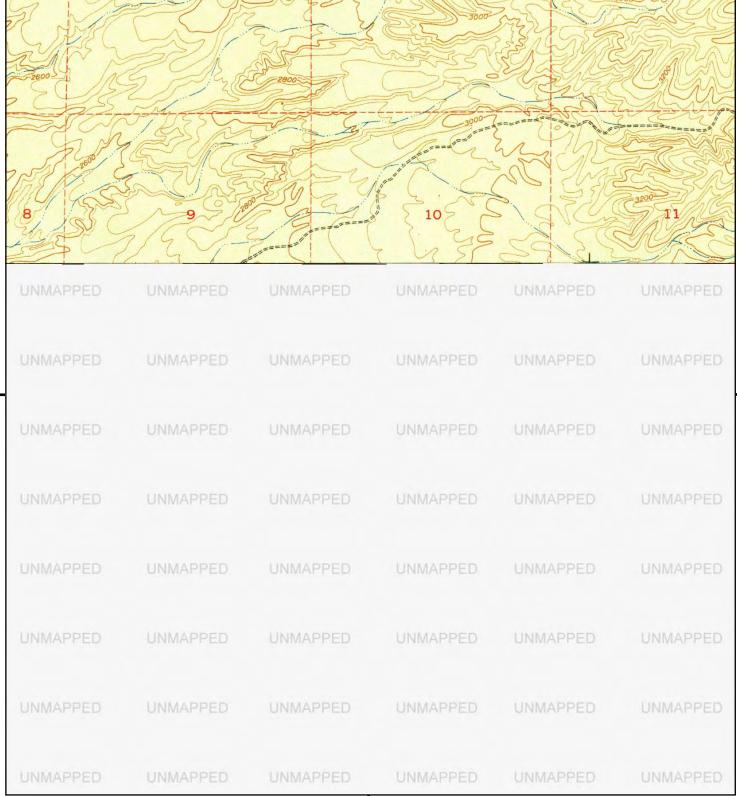




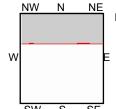








This report includes information from the following map sheet(s).



NE, Holy Joe Peak, 1950, 7.5-minute



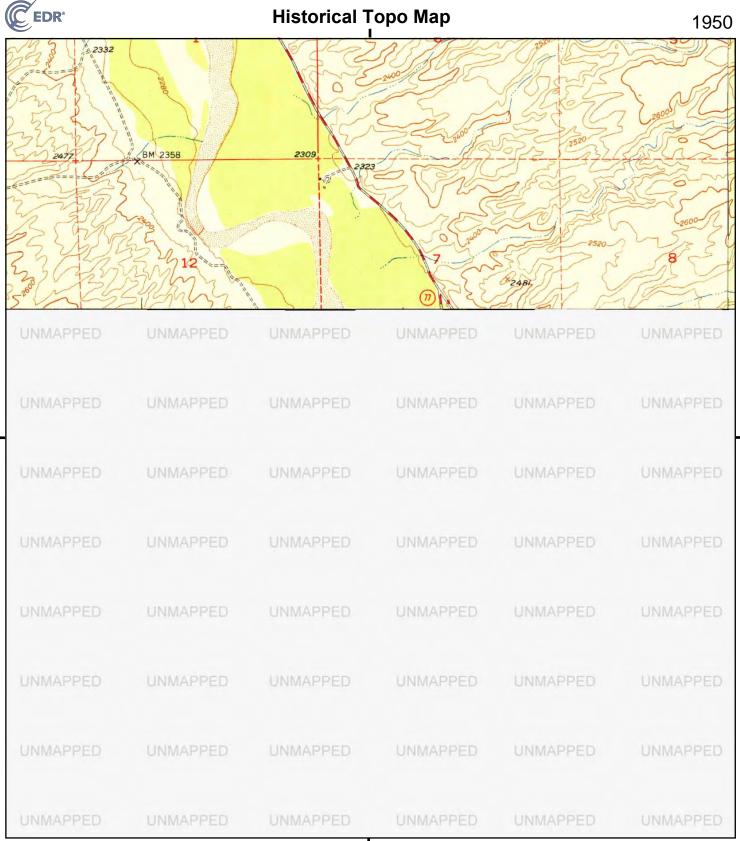
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ADDRESS: Mammoth, Arizona

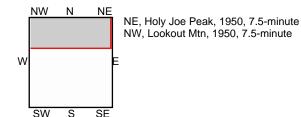
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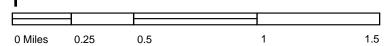
Mammoth, AZ 85631 Westland Resources





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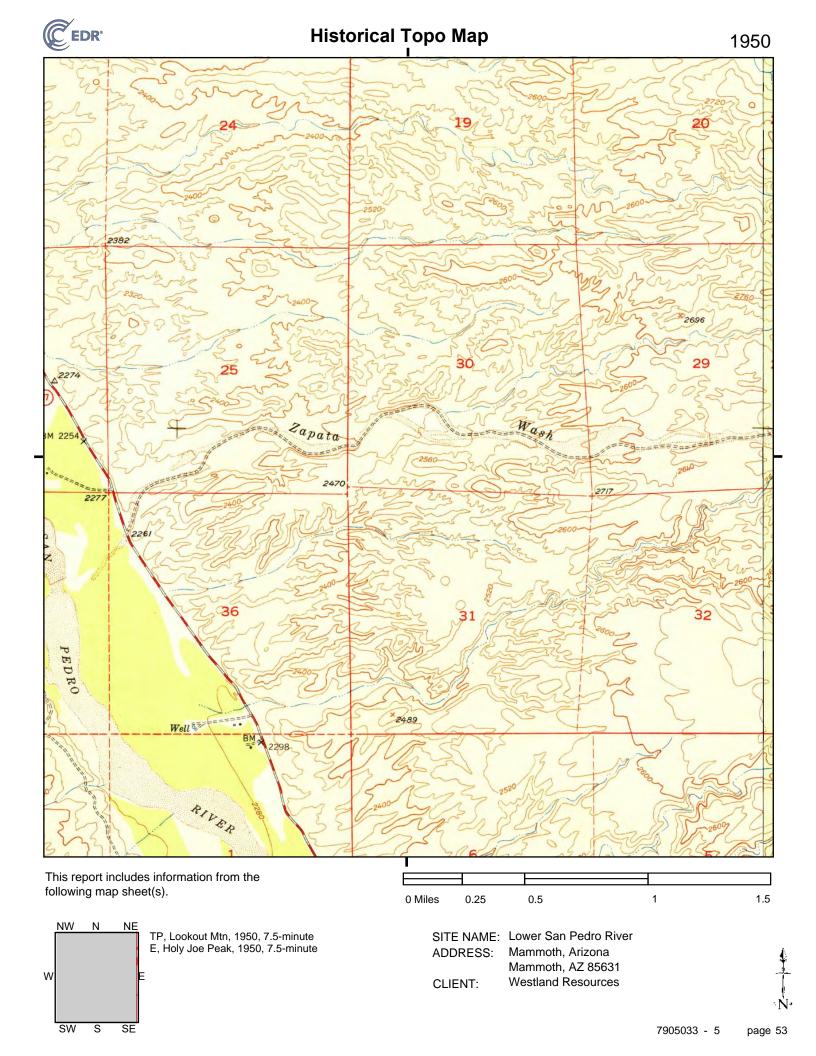


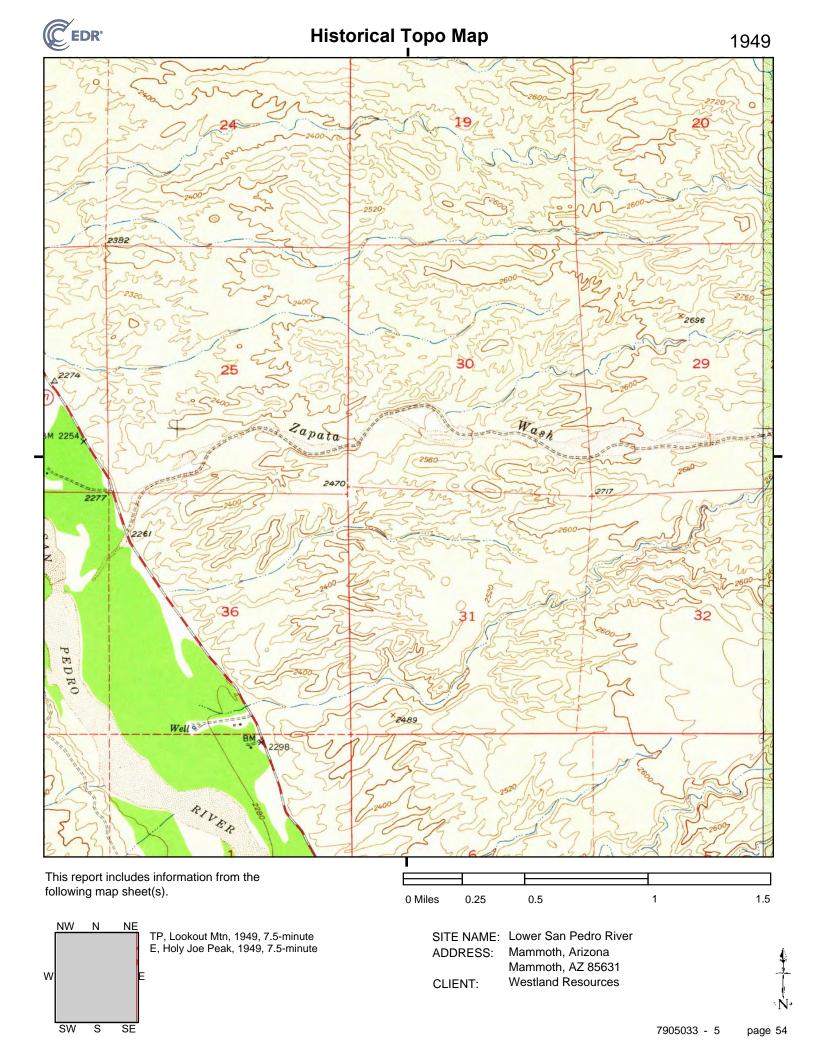


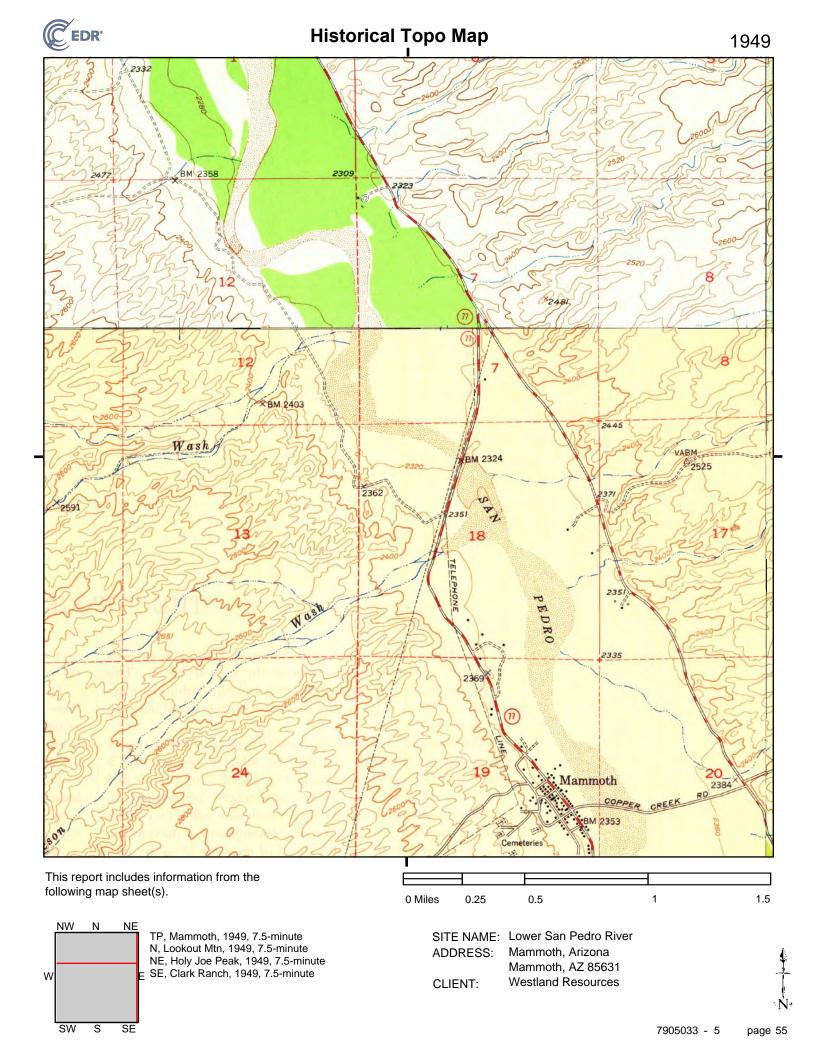
SITE NAME: Lower San Pedro River ADDRESS: Mammoth, Arizona

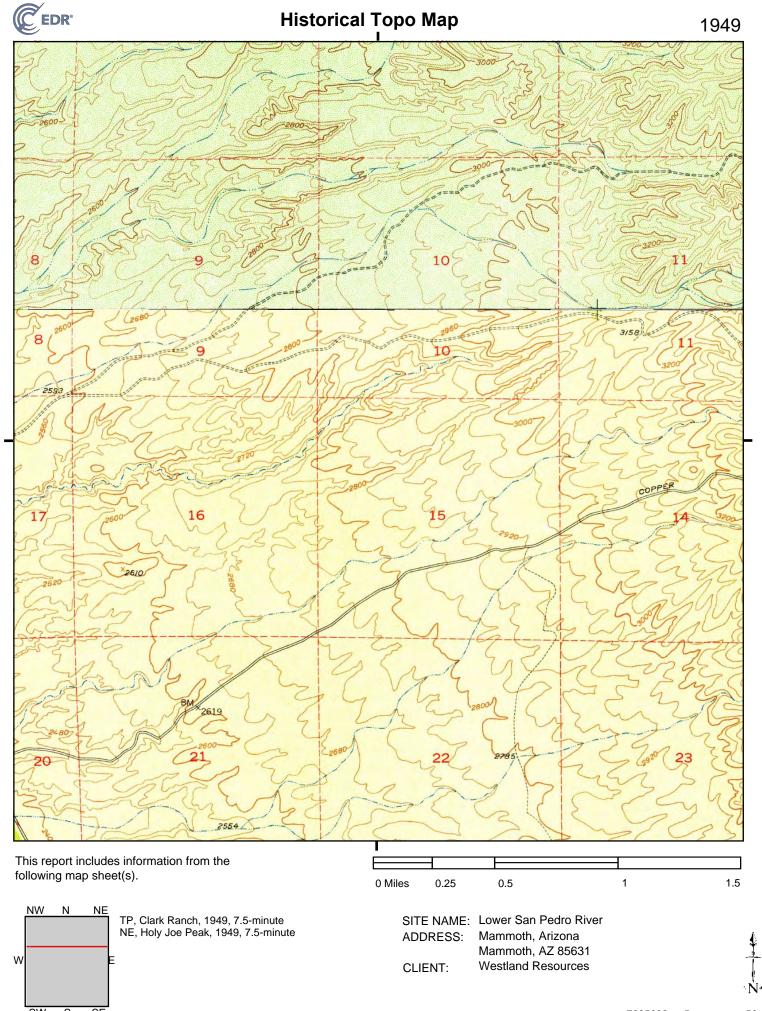
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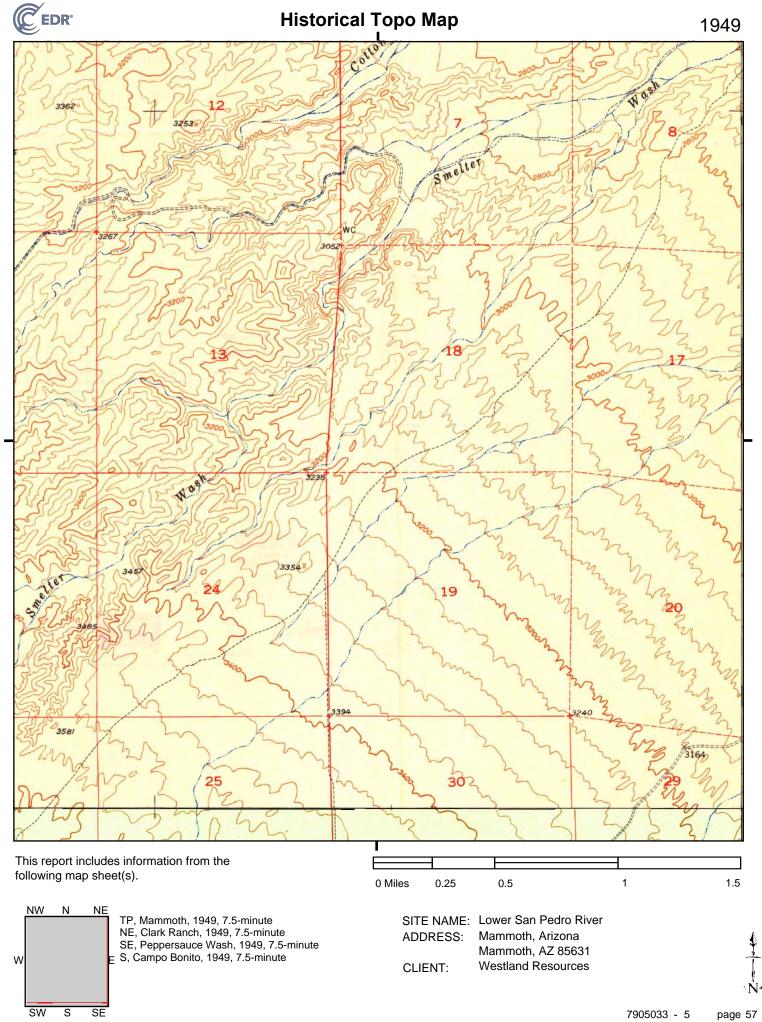
Mammoth, AZ 85631 Westland Resources N.

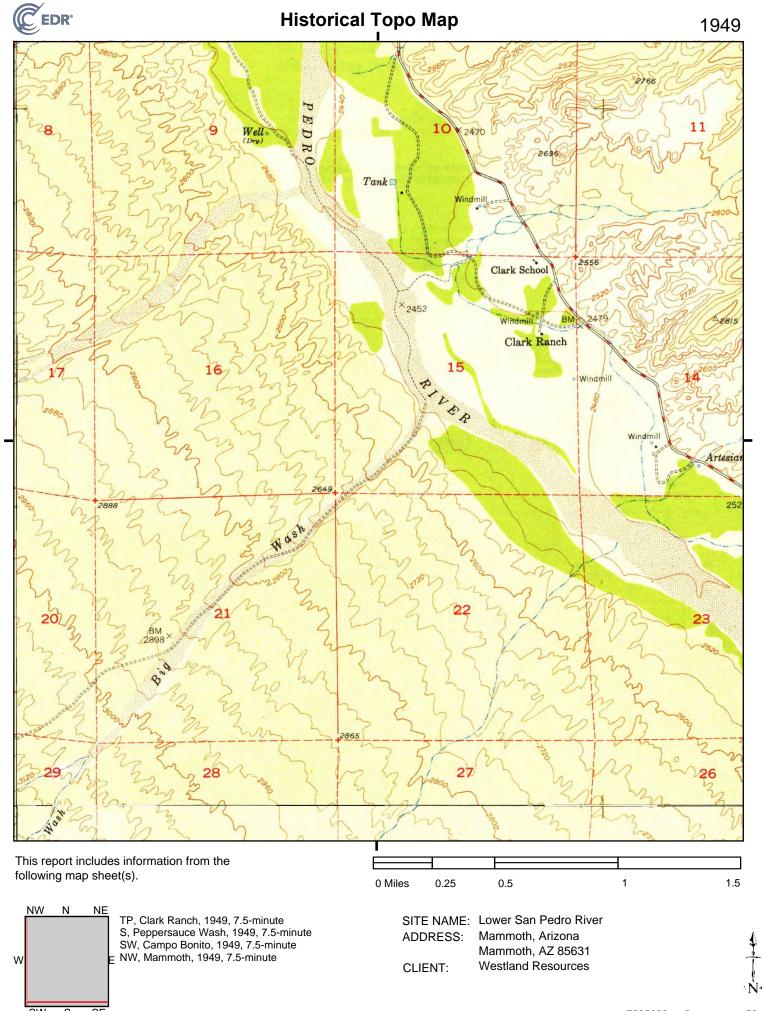


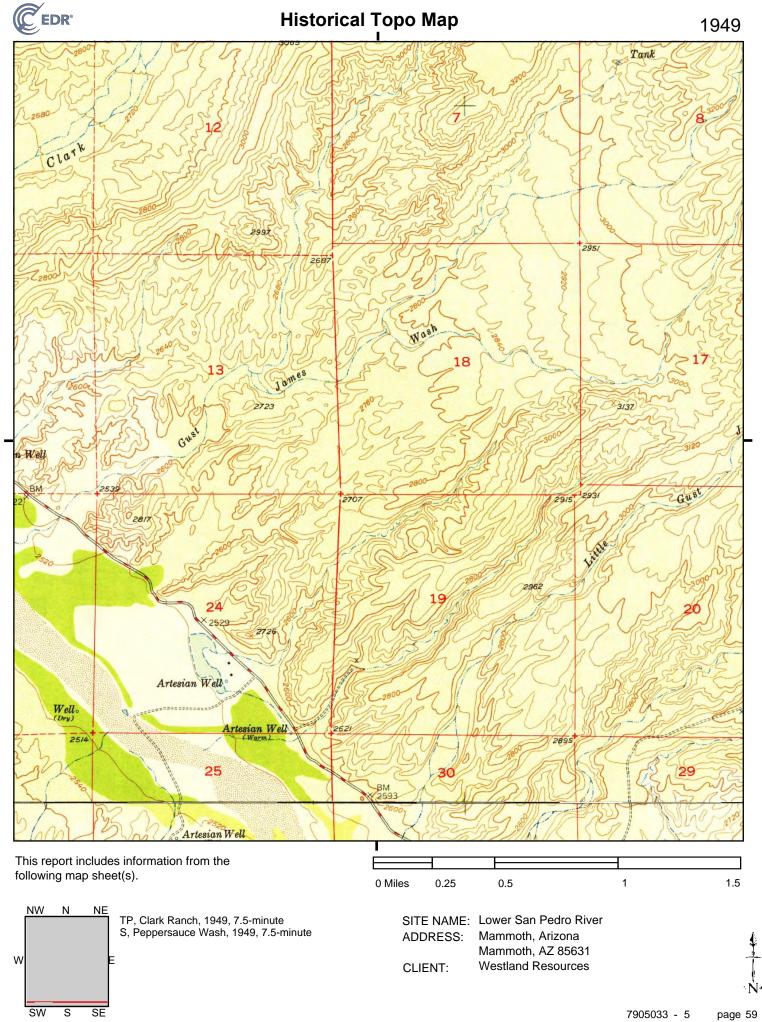


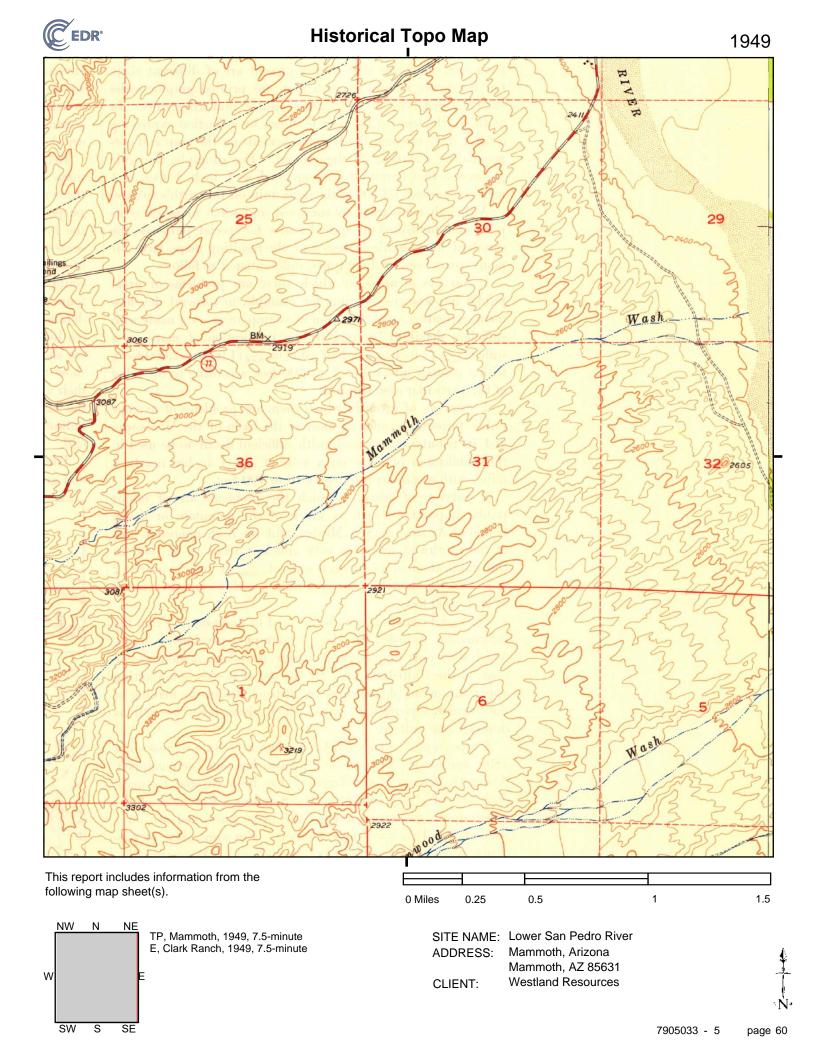


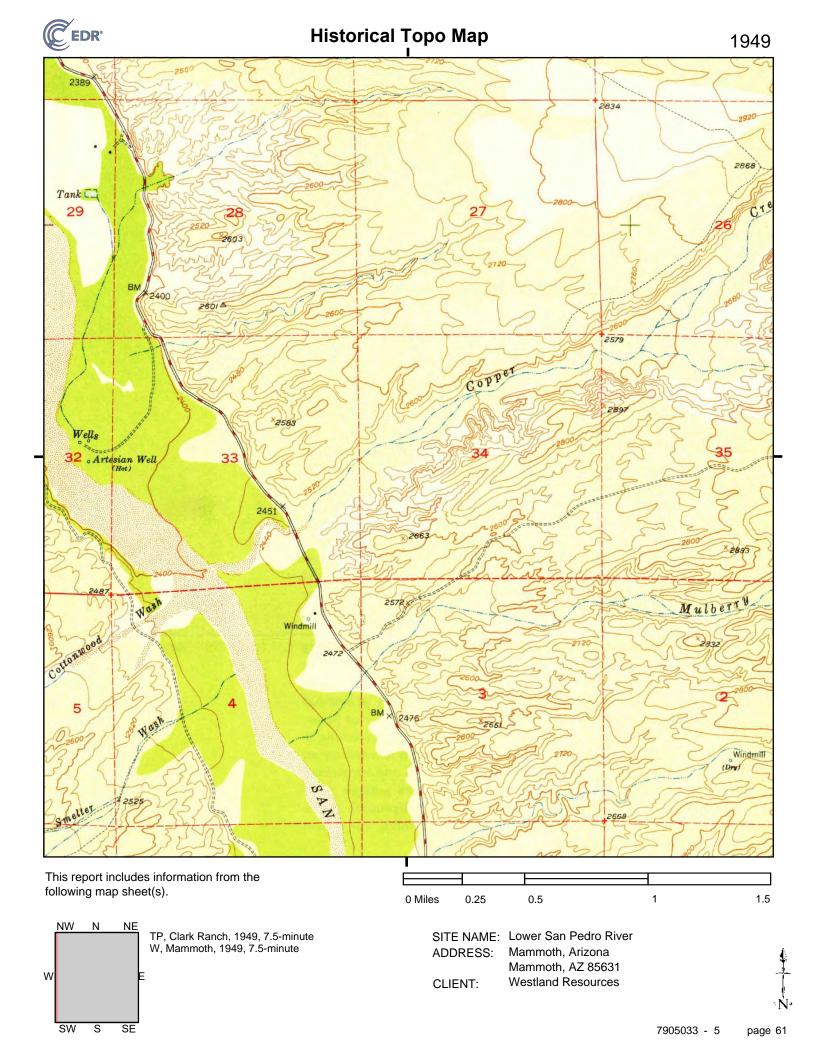


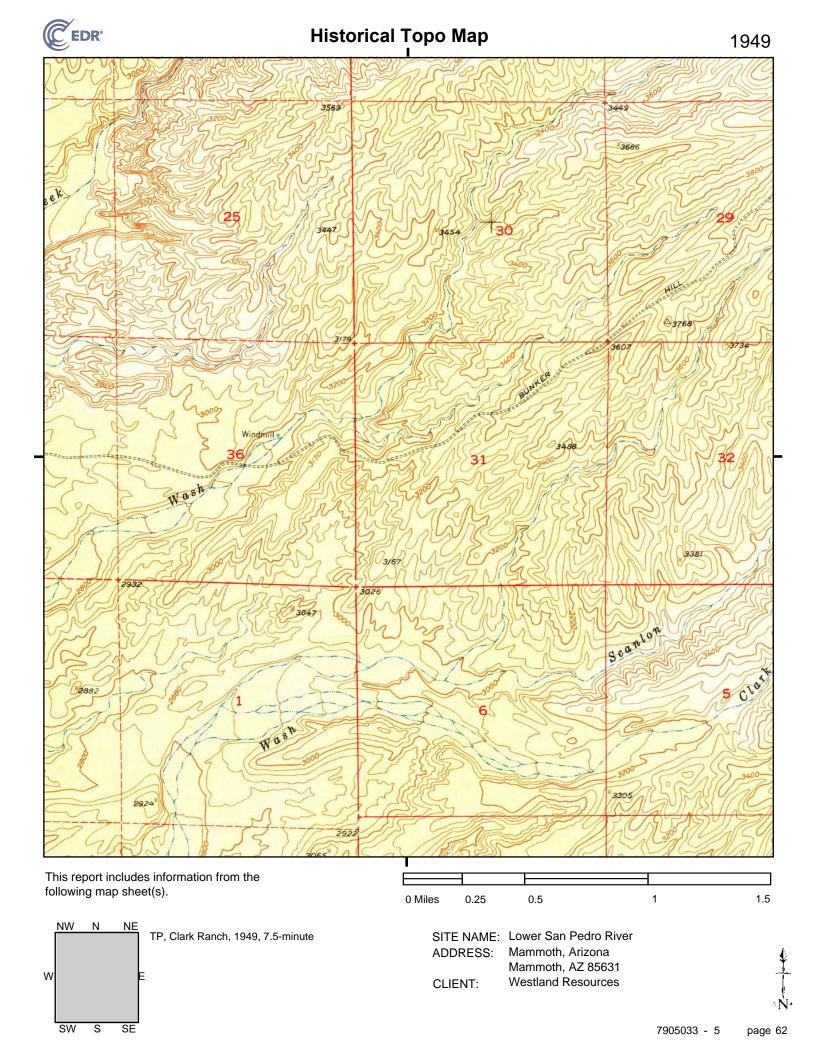






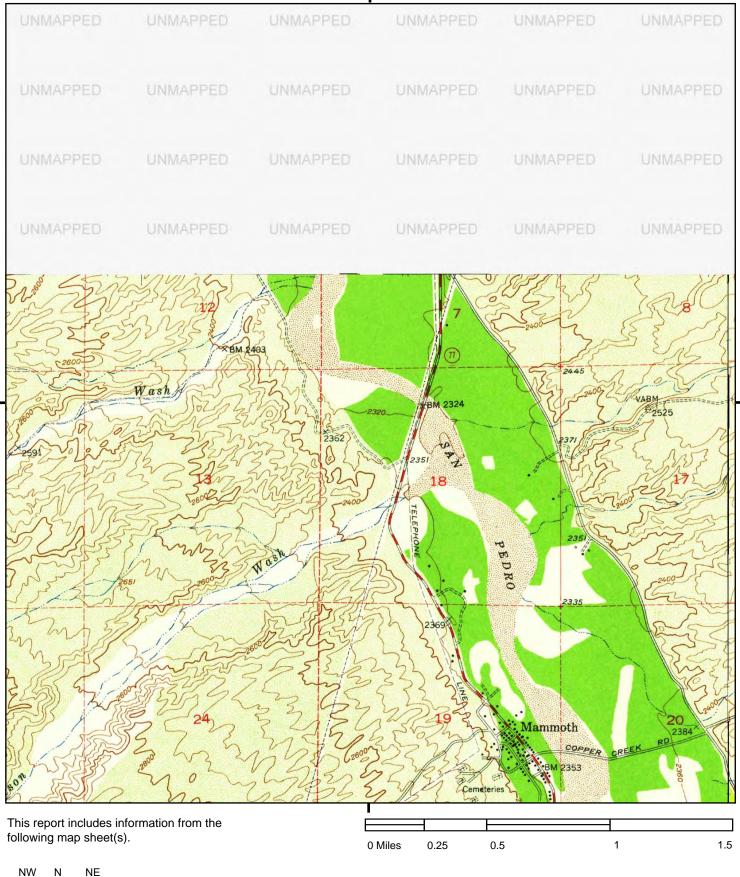








## **Historical Topo Map**



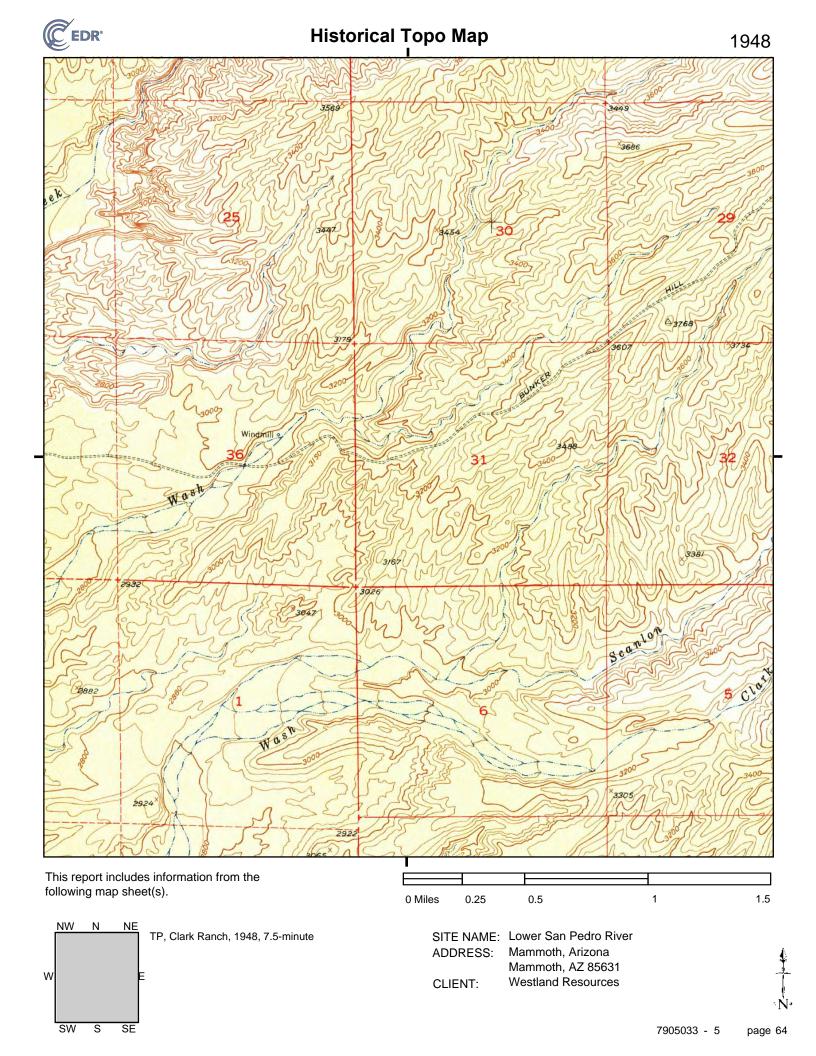
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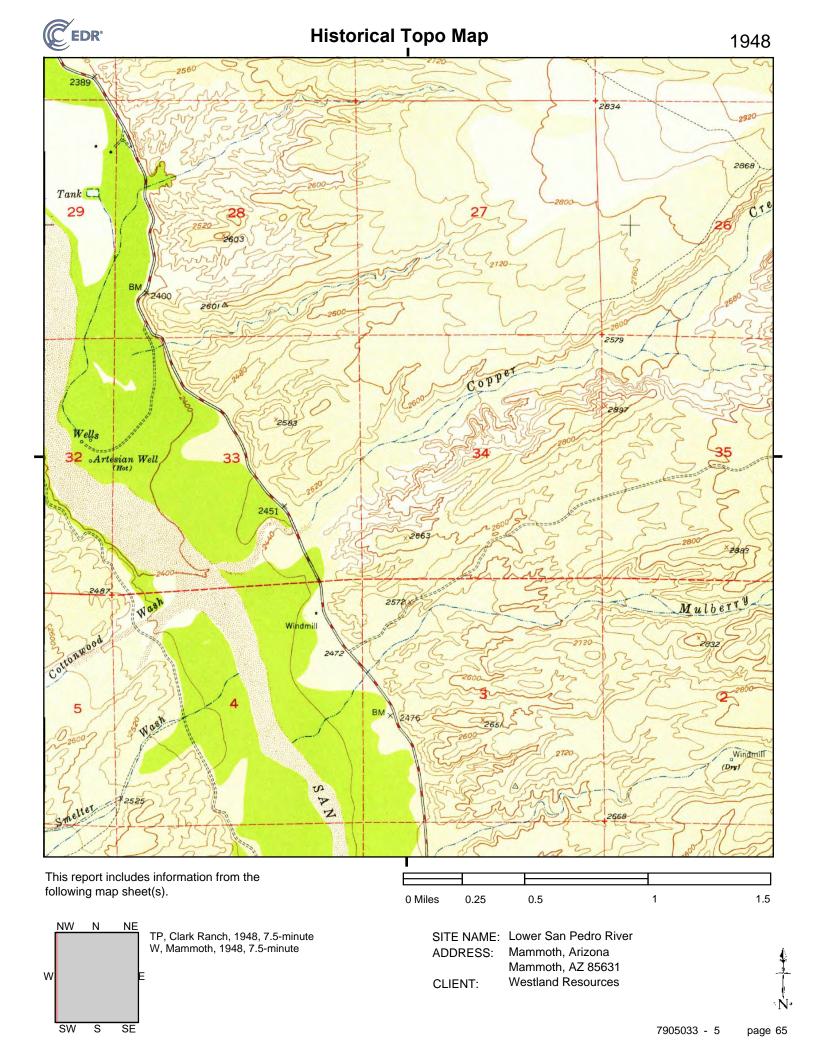
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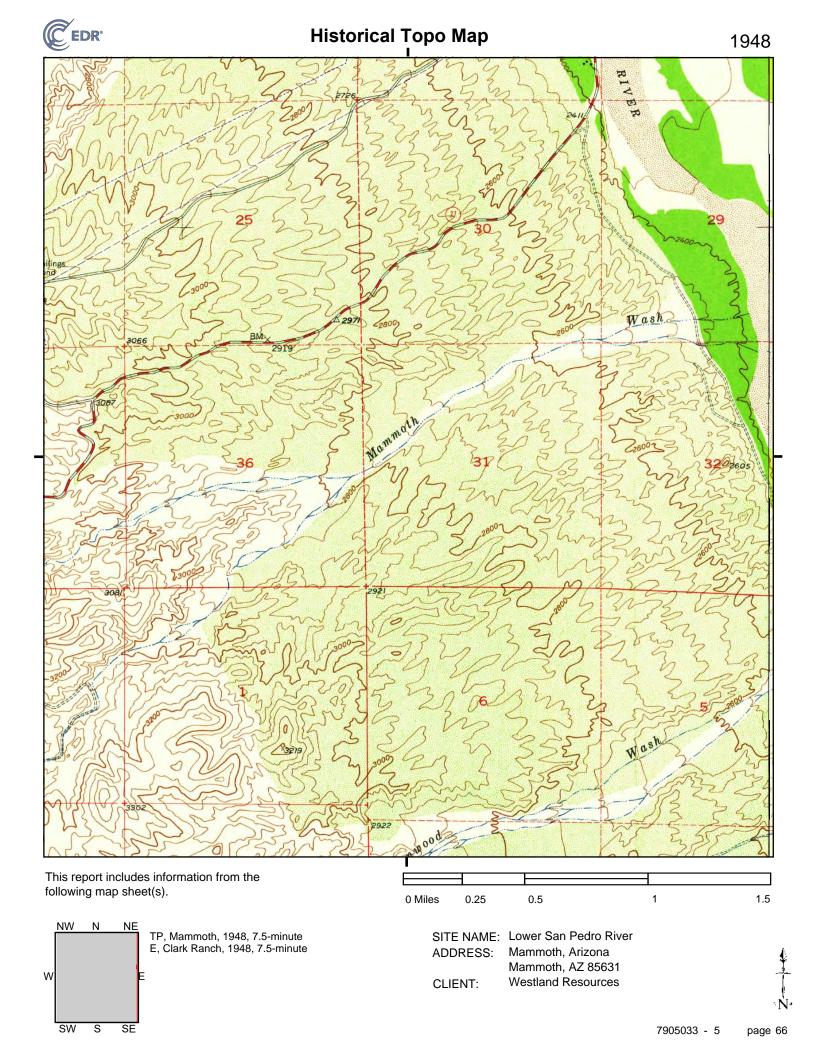
SITE NAME: Lower San Pedro River ADDRESS: Mammoth, Arizona Mammoth, AZ 85631

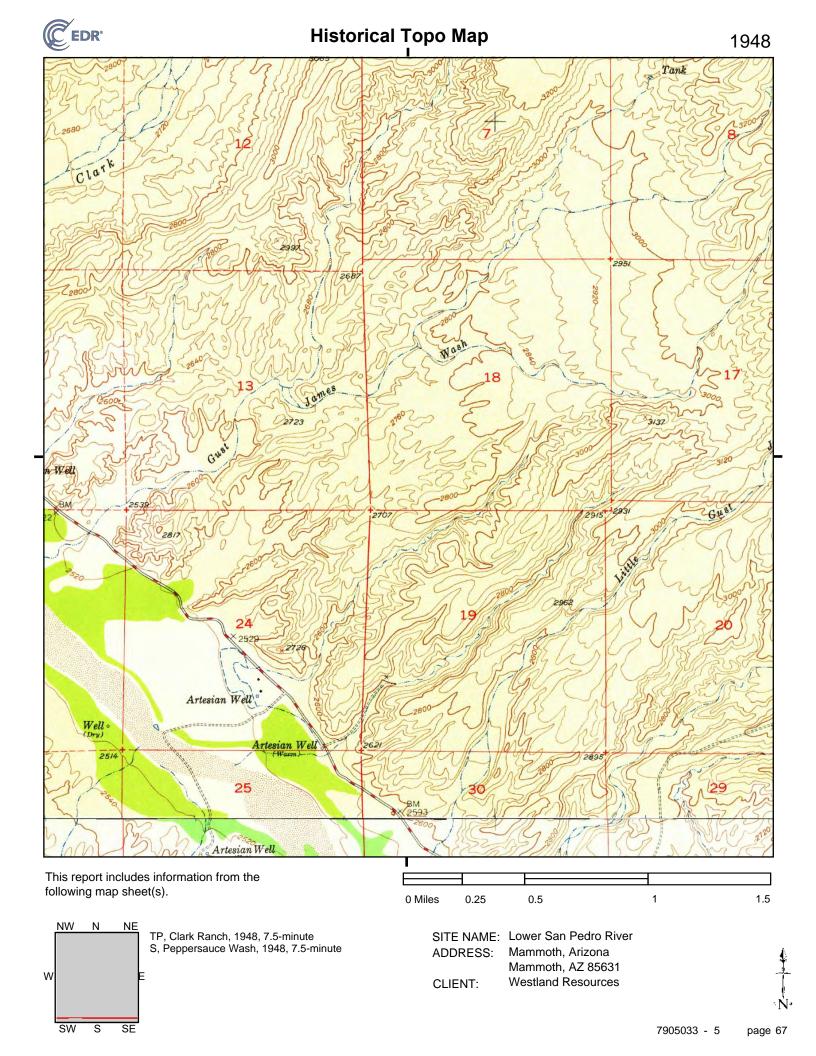
CLIENT: Westland Resources

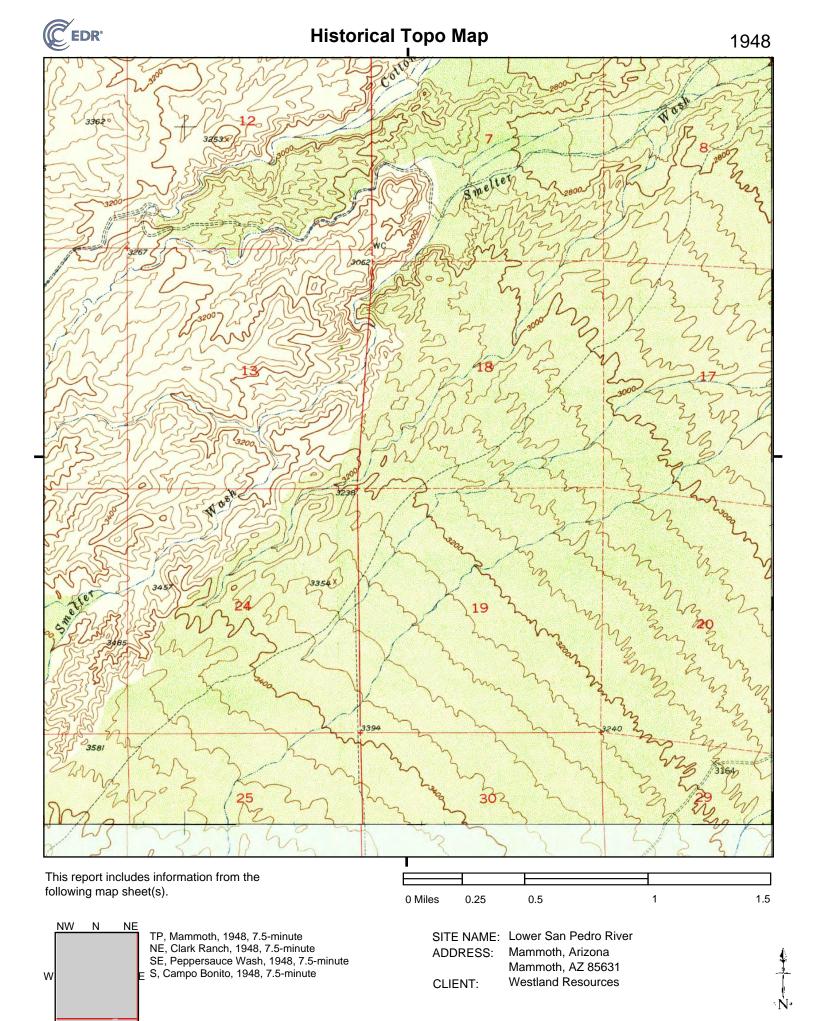


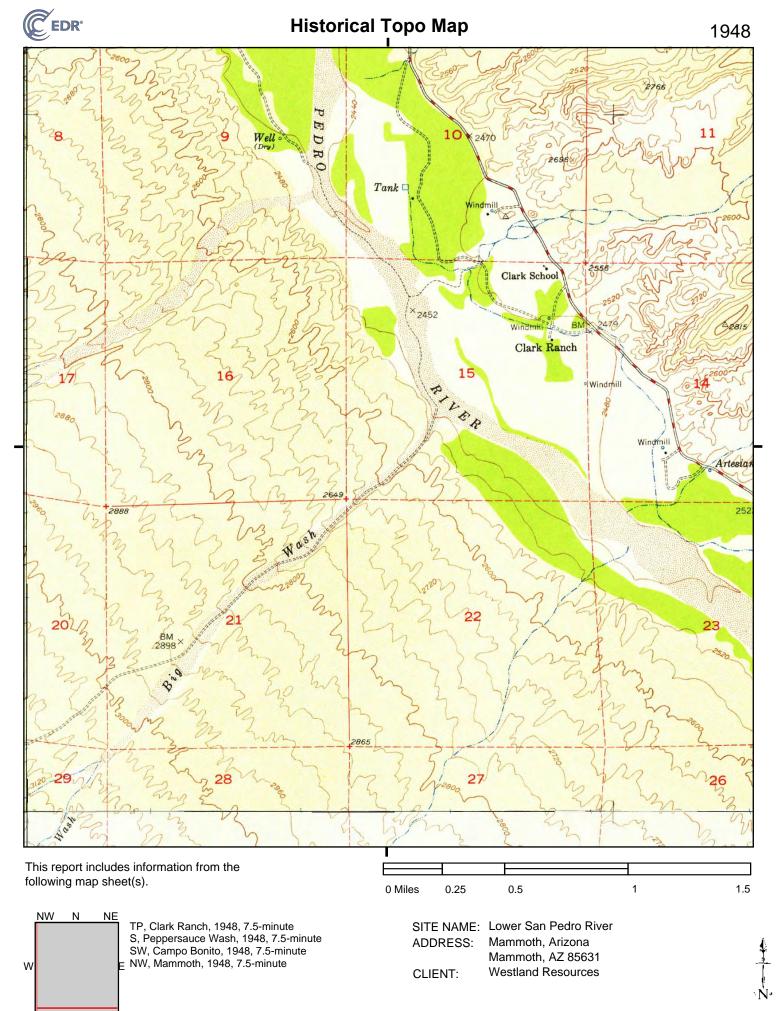






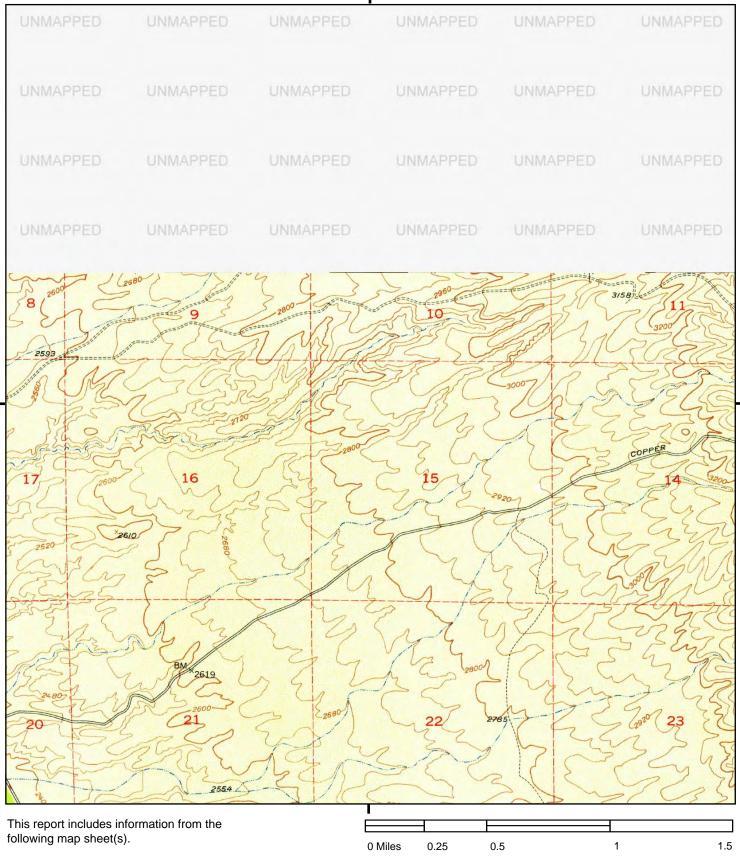








### **Historical Topo Map**



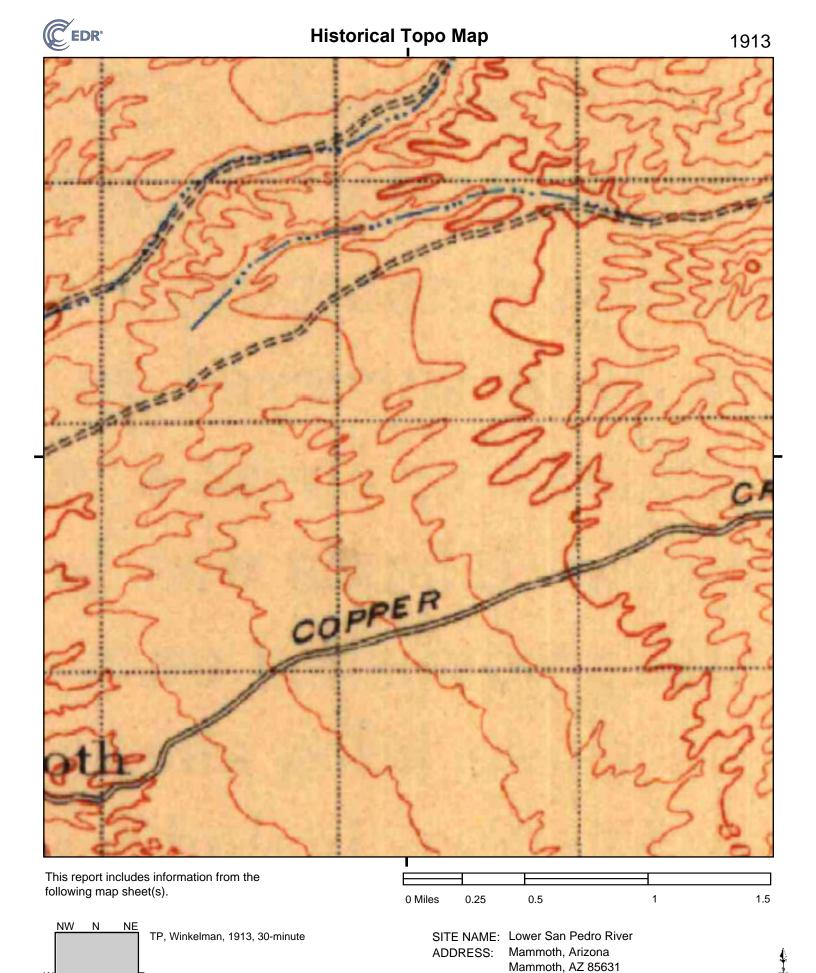
NW N NE TP, Clark Ranch, 1948, 7.5-minute

SITE NAME: Lower San Pedro River

ADDRESS: Mammoth, Arizona Mammoth, AZ 85631

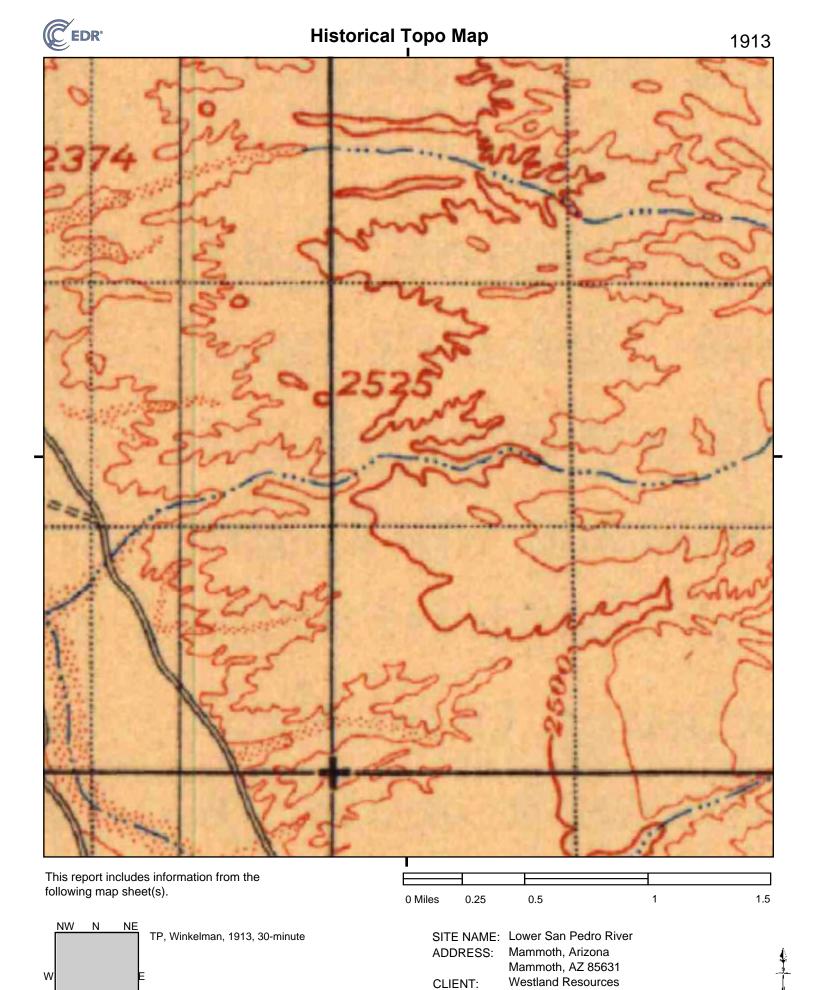
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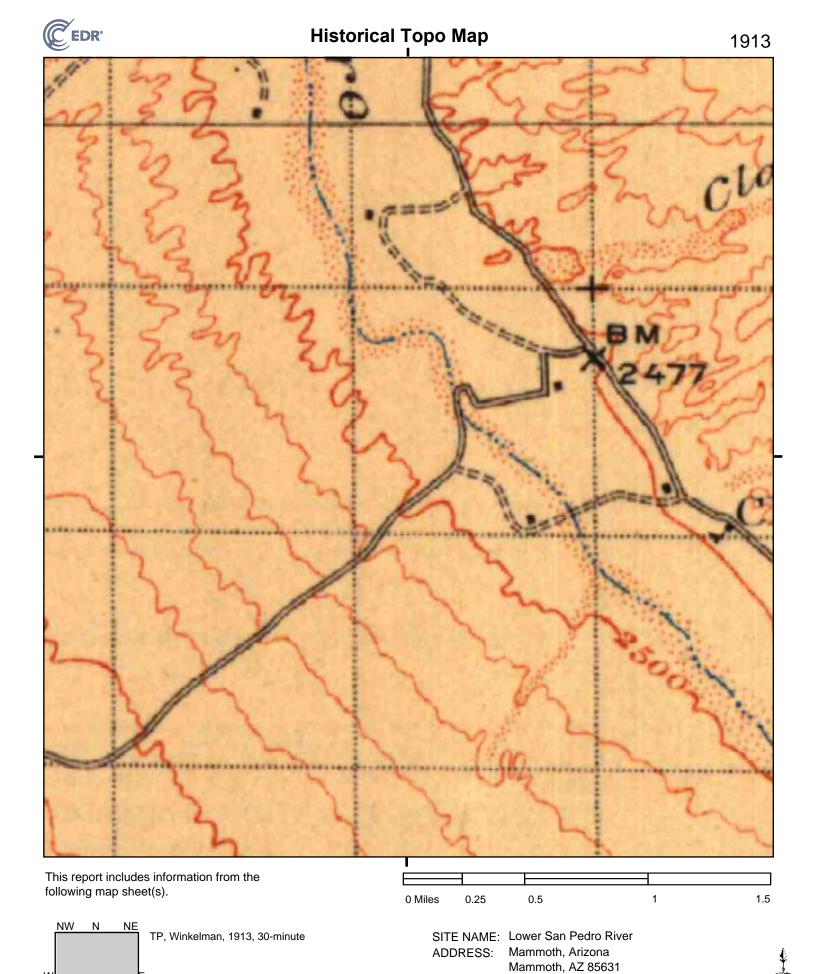




Westland Resources

CLIENT:

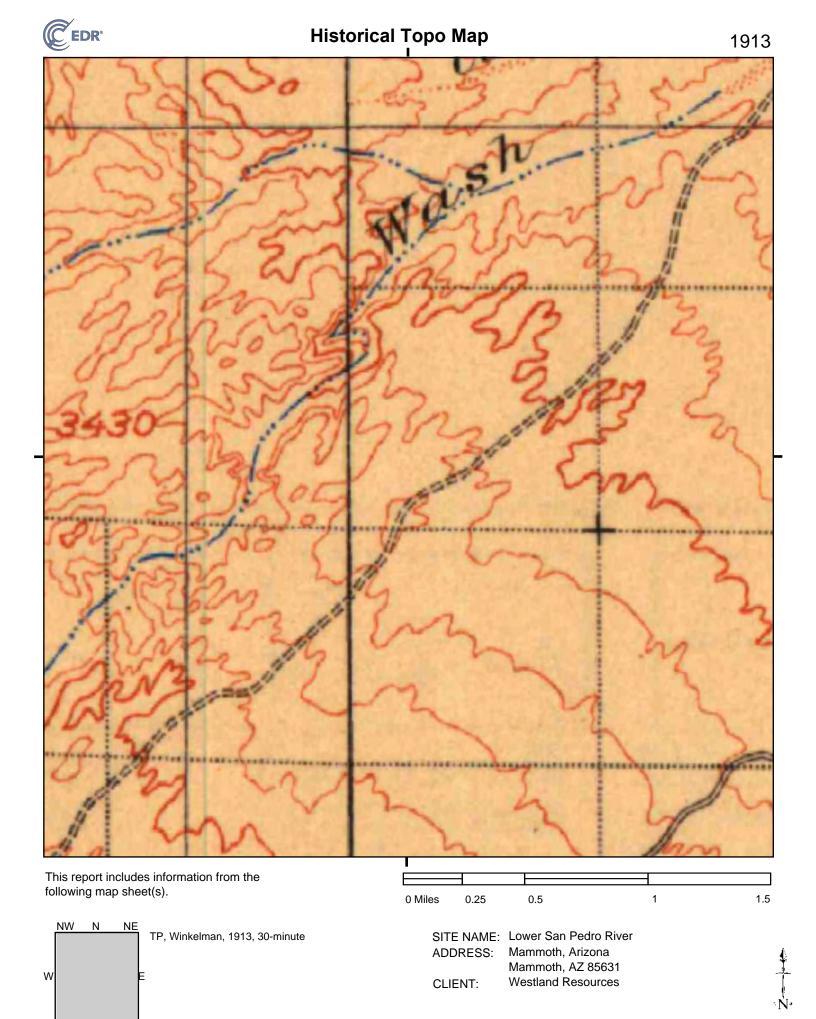


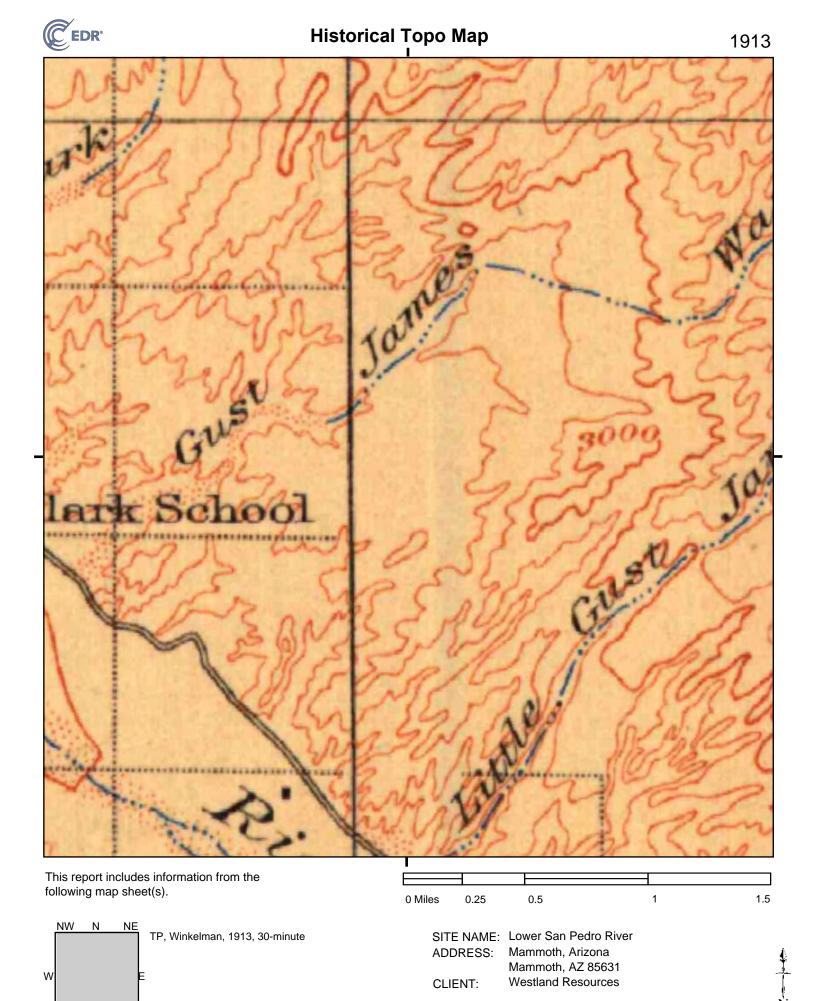


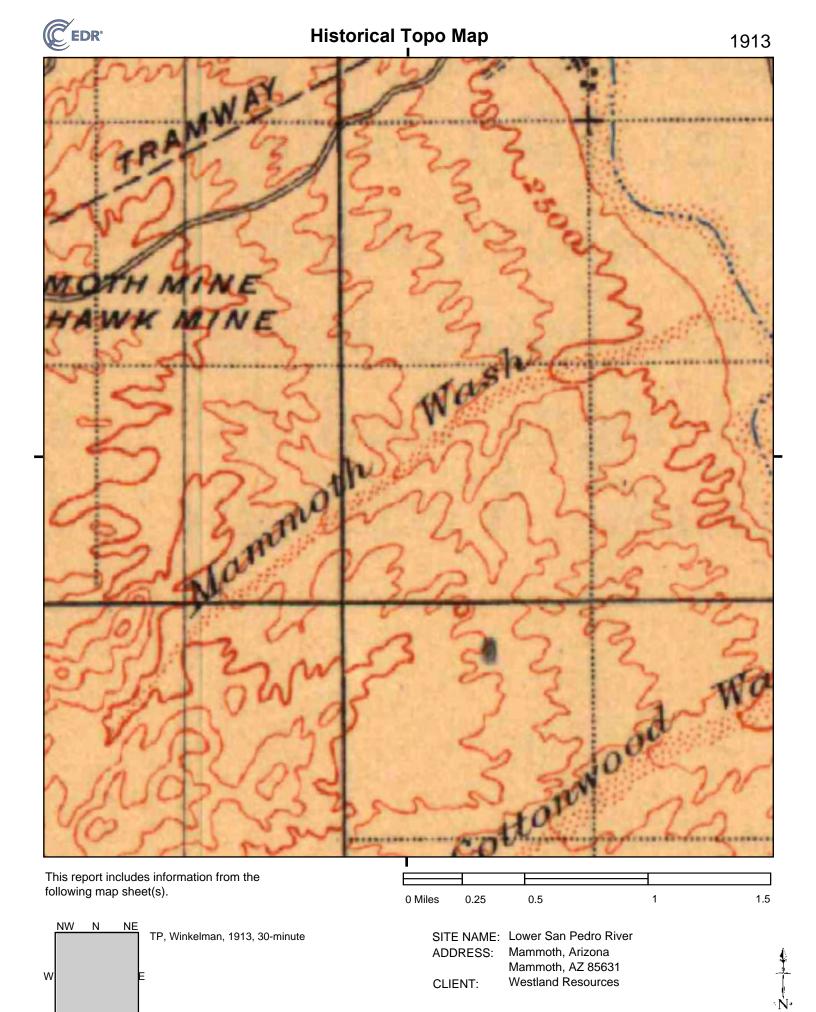
7905033 - 5 page 73

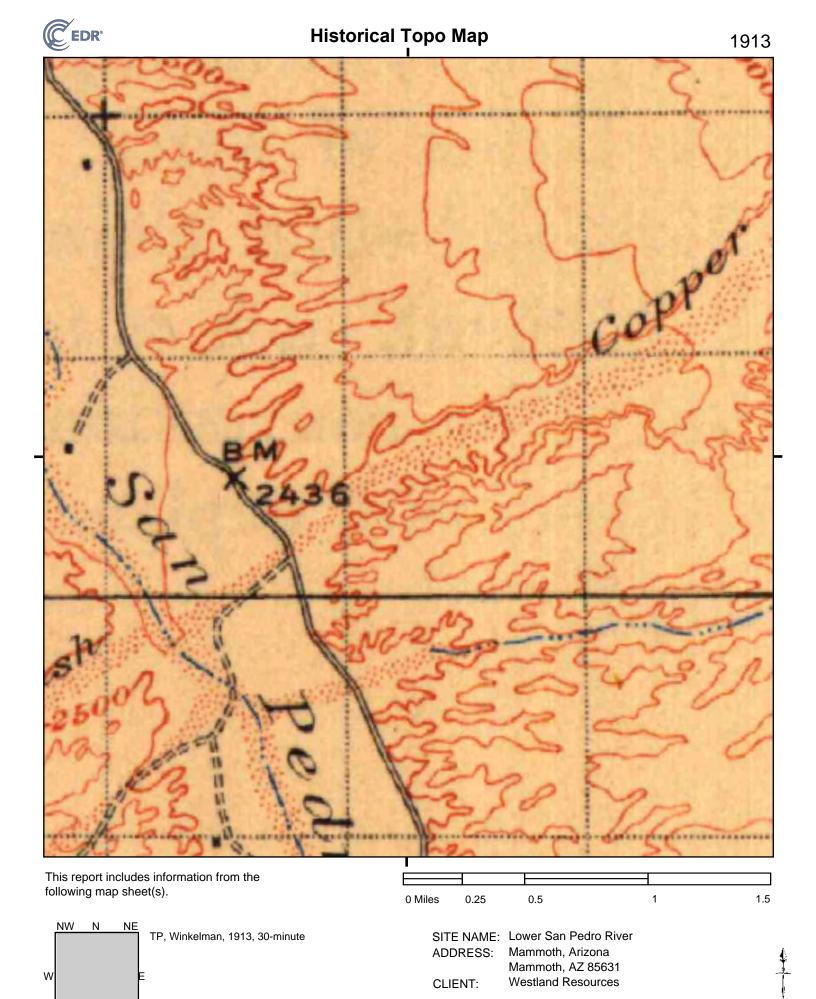
Westland Resources

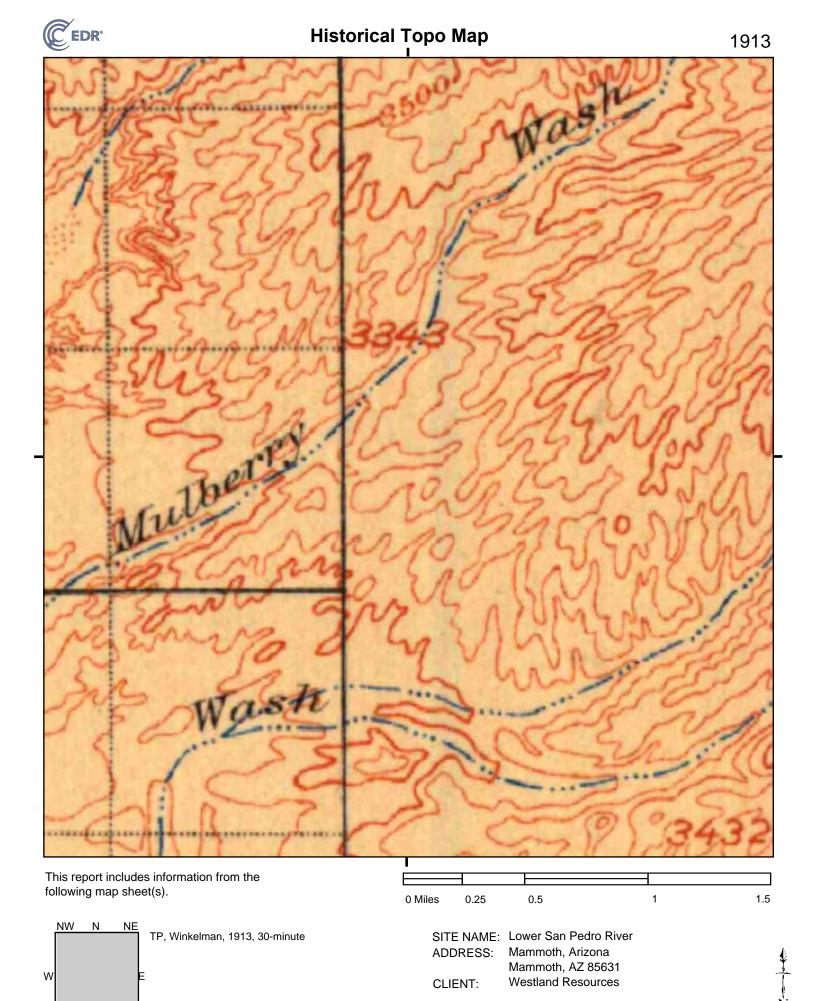
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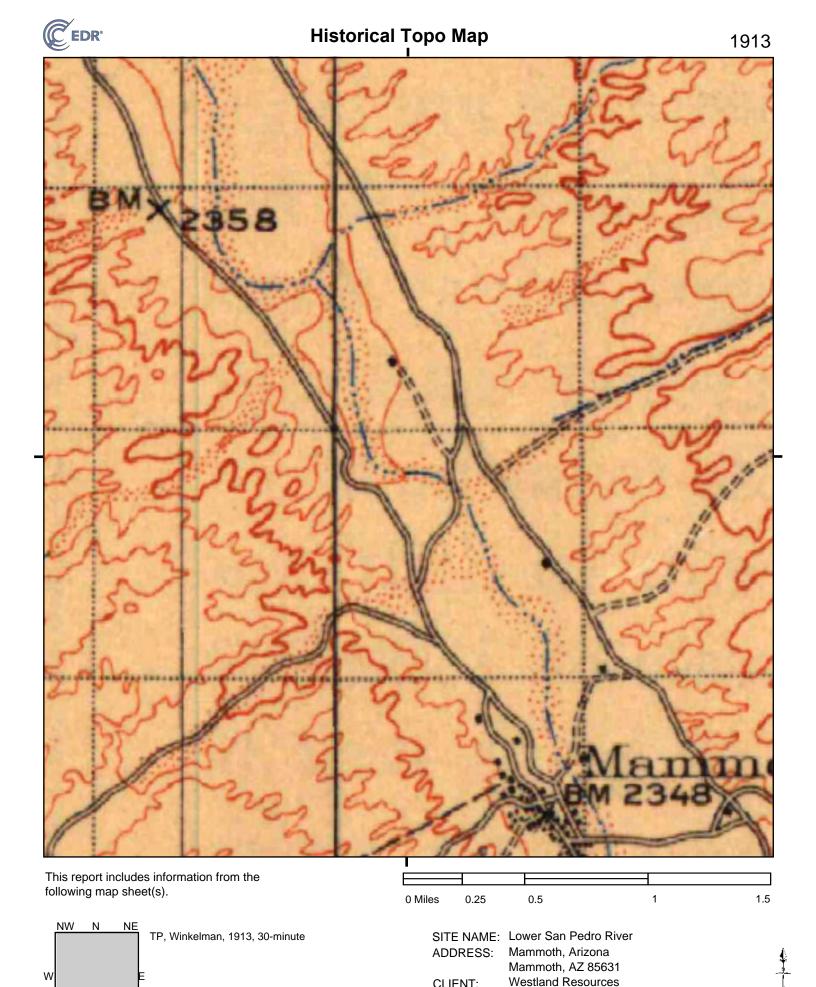












CLIENT:

7905033 - 5 page 79

0 Miles

0.25

TP, Winkelman, 1911, 30-minute

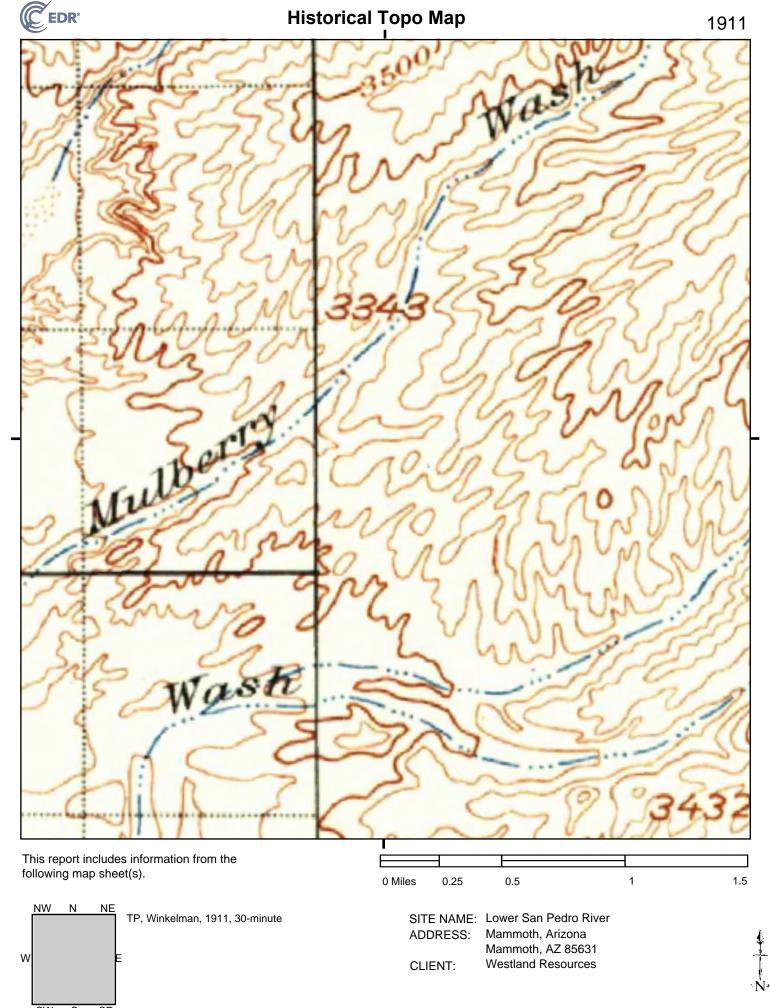
SITE NAME: Lower San Pedro River ADDRESS: Mammoth, Arizona

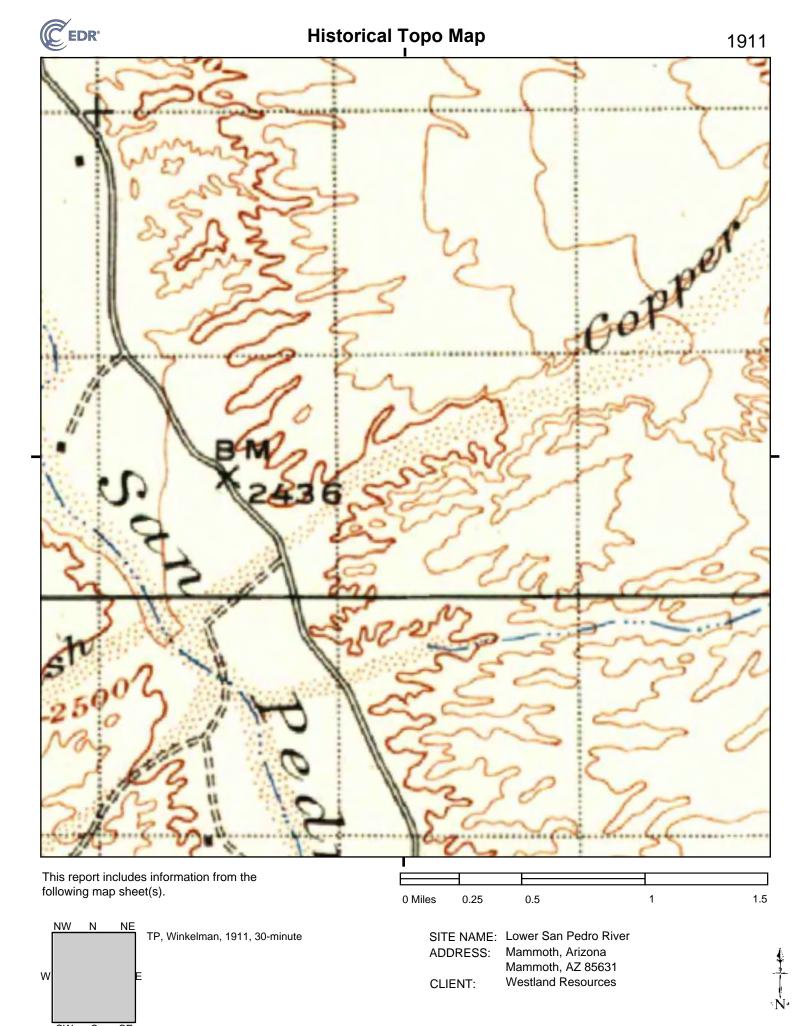
0.5

Mammoth, AZ 85631

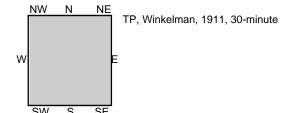
Westland Resources CLIENT:

1.5





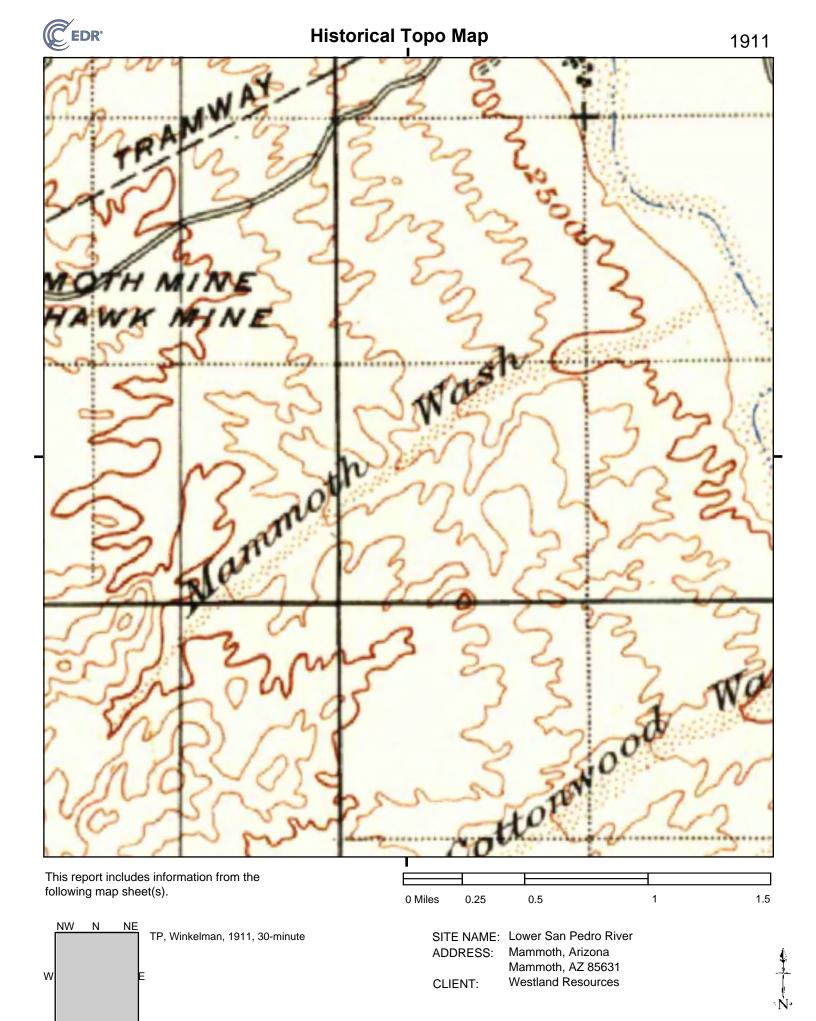
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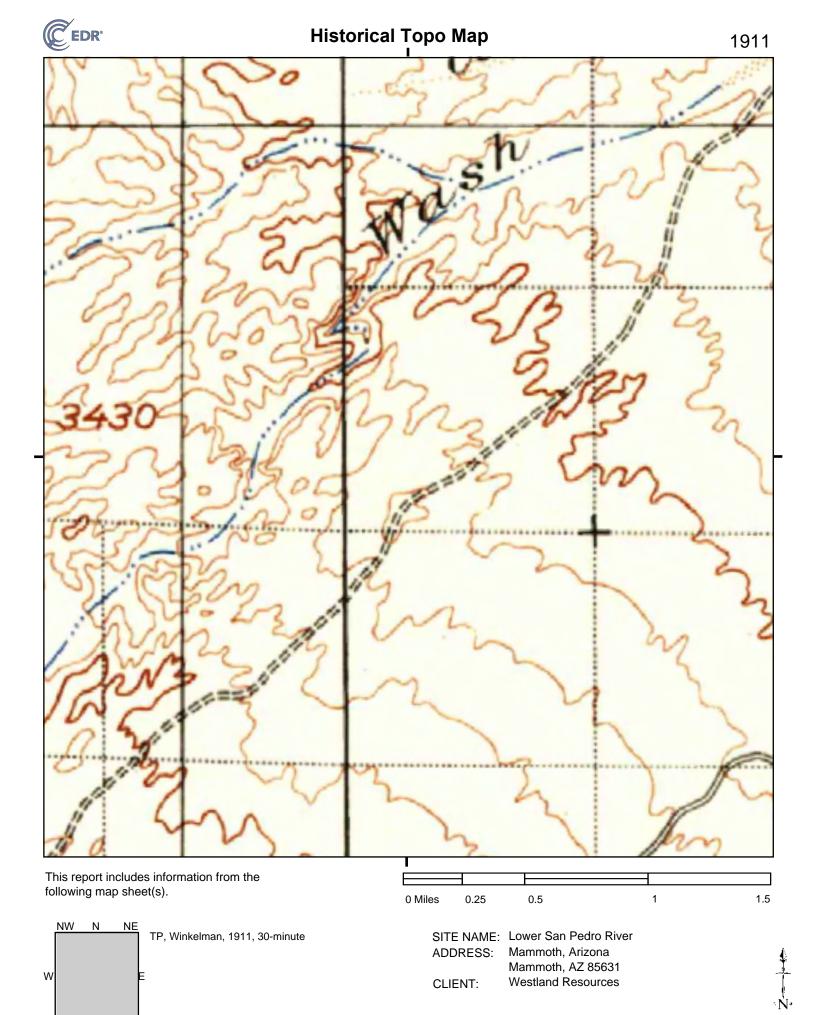


0 Miles 0.25 0.5 1 1.5

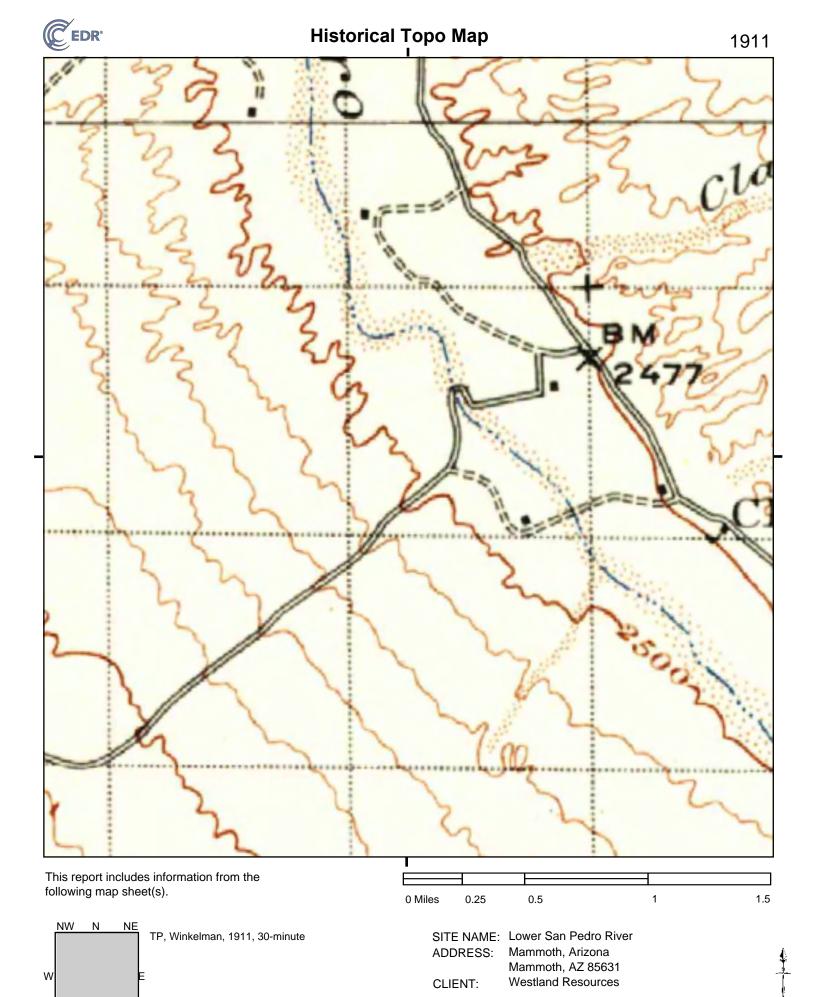
SITE NAME: Lower San Pedro River ADDRESS: Mammoth, Arizona Mammoth, AZ 85631

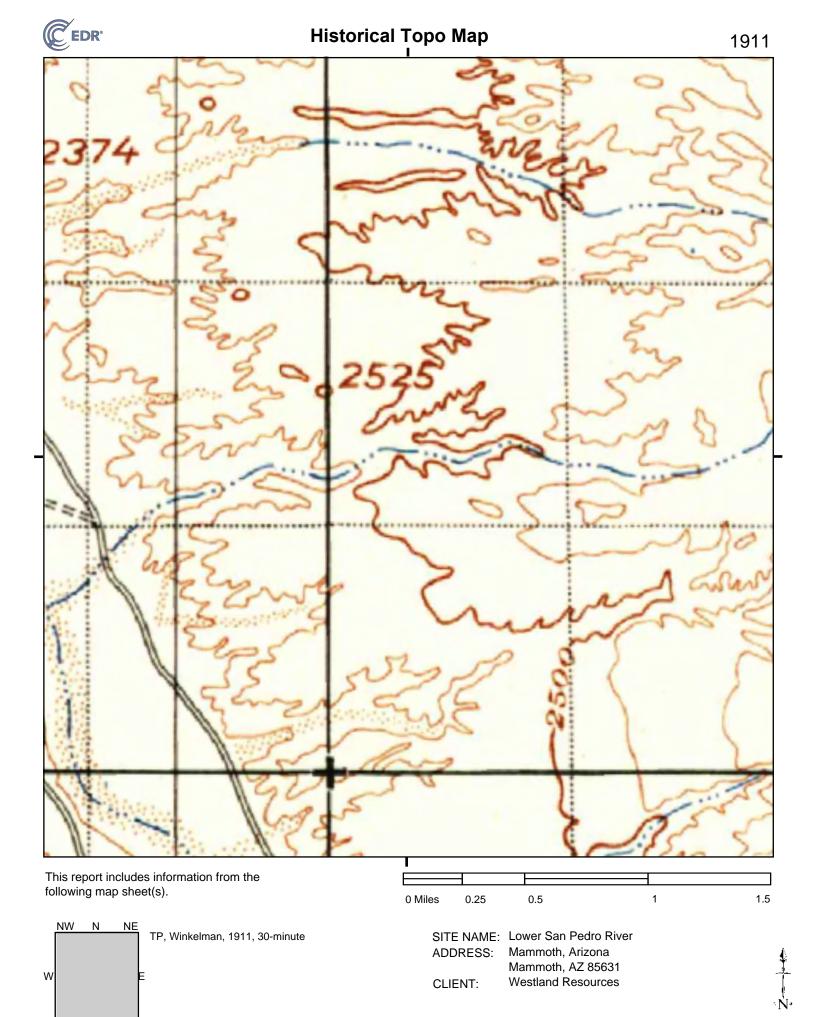
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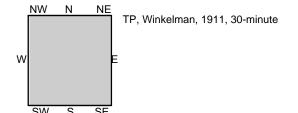


7905033 - 5 page 85





This report includes information from the following map sheet(s).



0 Miles 0.25 0.5 1 1.5

SITE NAME: Lower San Pedro River ADDRESS: Mammoth, Arizona

CLIENT:

Mammoth, AZ 85631 Westland Resources



### APPENDIX G Historical Aerial Photographs

#### **Lower San Pedro River**

Mammoth, Arizona Mammoth, AZ 85631

Inquiry Number: 7905033.6

February 25, 2025

# The EDR Aerial Photo Decade Package



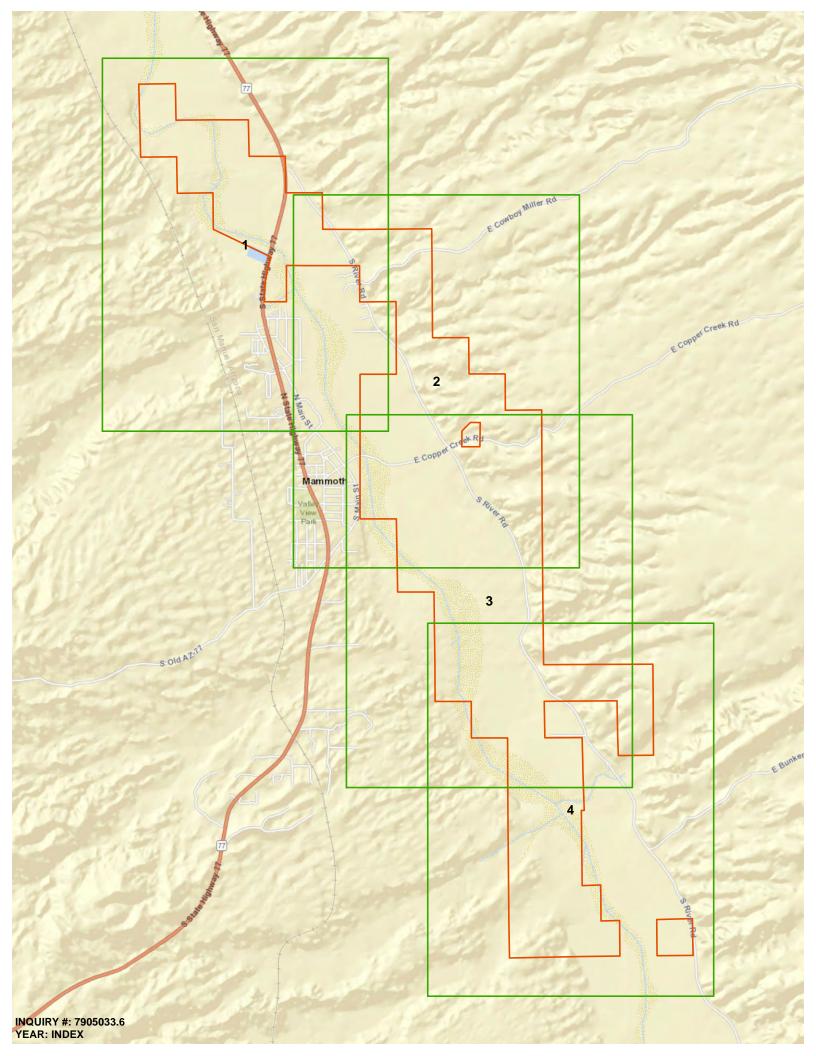
#### **Date EDR Searched Historical Sources:**

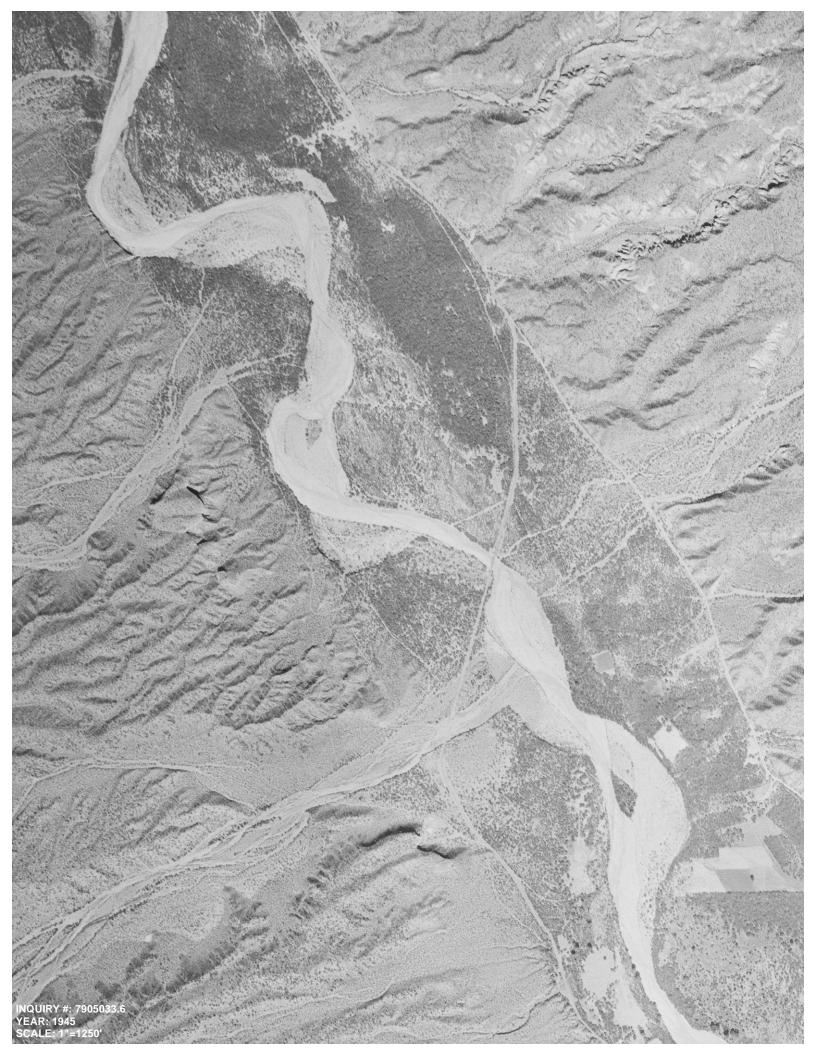
Aerial Photography February 25, 2025

# **Target Property:** Mammoth, Arizona

Mammoth, AZ 85631

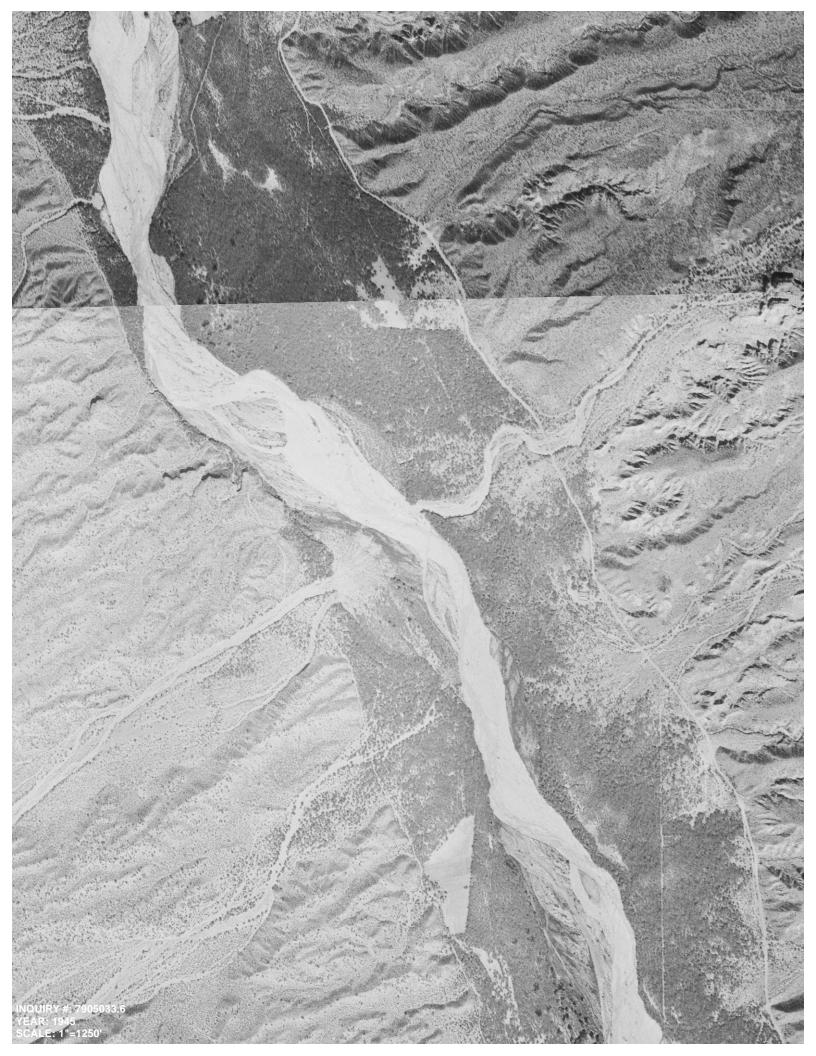
<u>Year</u> 1945	Scale Aerial Photograph. Scale: 1"=1250'	<u>Details</u> Flight Year: 1945	<u>Source</u> USGS
1947	Aerial Photograph. Scale: 1"=1250'	Flight Year: 1947	USGS
1956	Aerial Photograph. Scale: 1"=1250'	Flight Year: 1956	USGS
1971	Aerial Photograph. Scale: 1"=1250'	Flight Year: 1971	USGS
1978	Aerial Photograph. Scale: 1"=1250'	Flight Year: 1978	USGS
1983	Aerial Photograph. Scale: 1"=1250'	Flight Year: 1983	USDA
1992	Aerial Photograph. Scale: 1"=1250'	Flight Year: 1992	USGS/DOQQ
1996	Aerial Photograph. Scale: 1"=1250'	Flight Year: 1996	USGS/DOQQ
2003	Aerial Photograph. Scale: 1"=1250'	Flight Year: 2003	USGS/DOQQ
2007	Aerial Photograph. Scale: 1"=1250'	Flight Year: 2007	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=1250'	Flight Year: 2010	USDA/NAIP
2015	Aerial Photograph. Scale: 1"=1250'	Flight Year: 2015	USDA/NAIP
2019	Aerial Photograph. Scale: 1"=1250'	Flight Year: 2019	USDA/NAIP





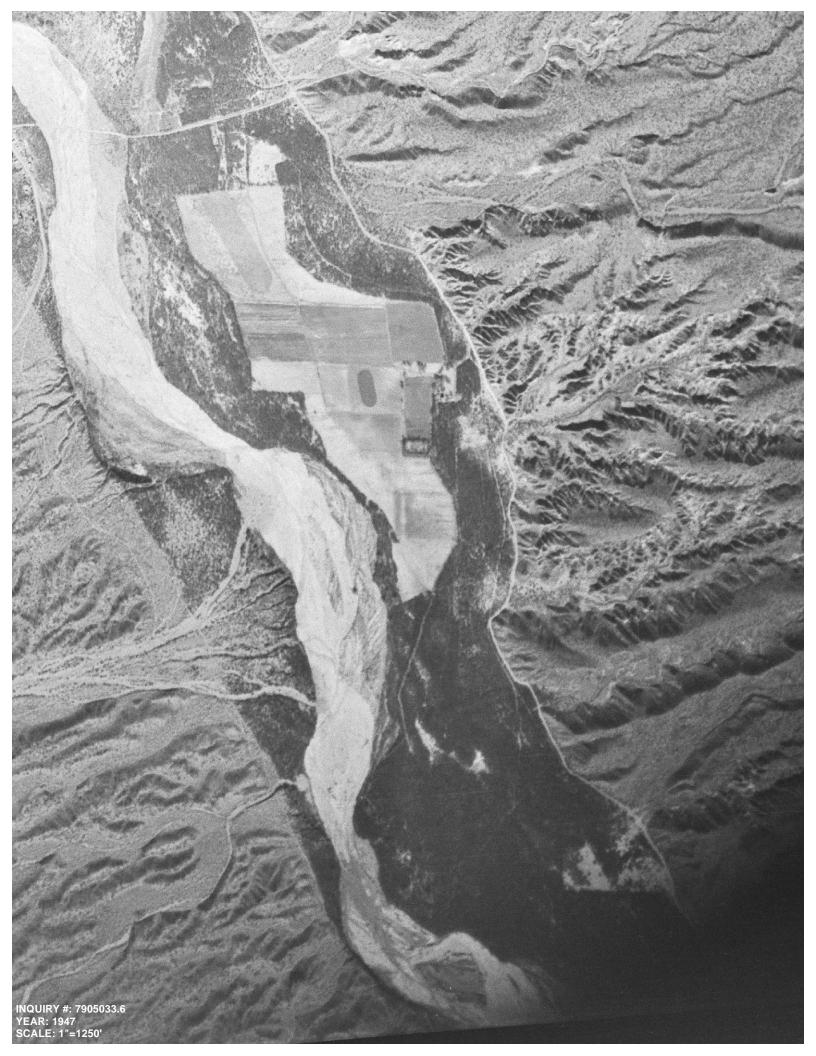




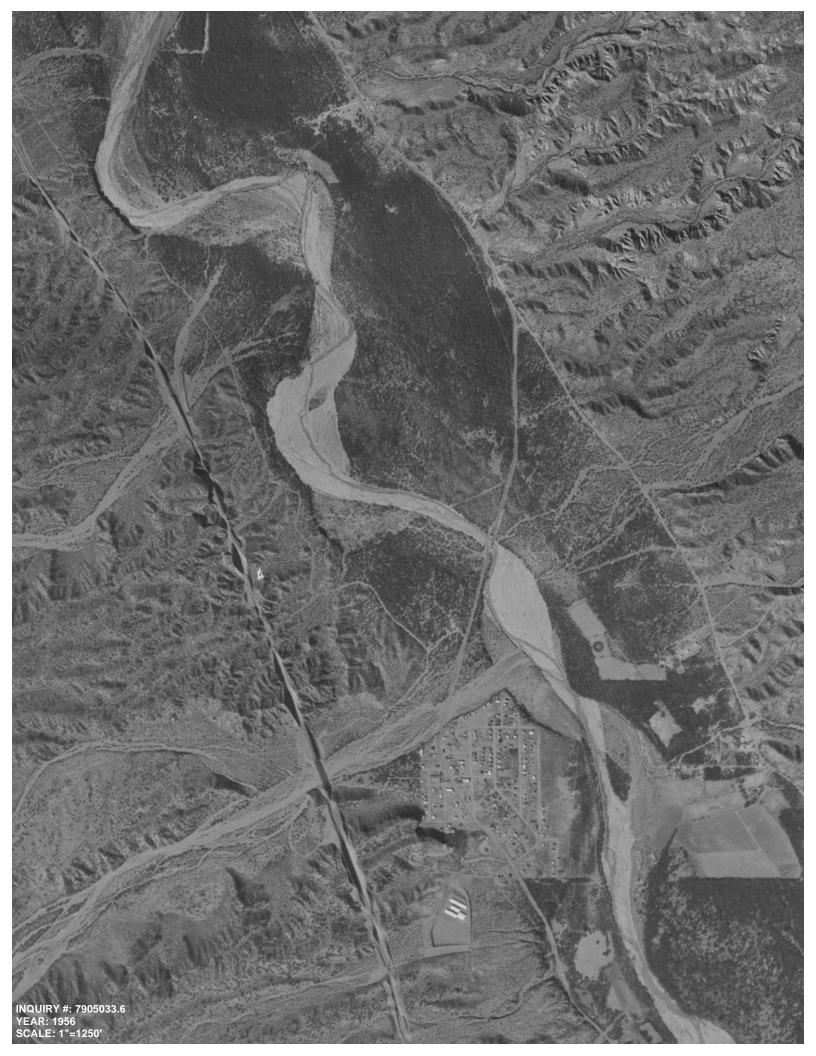






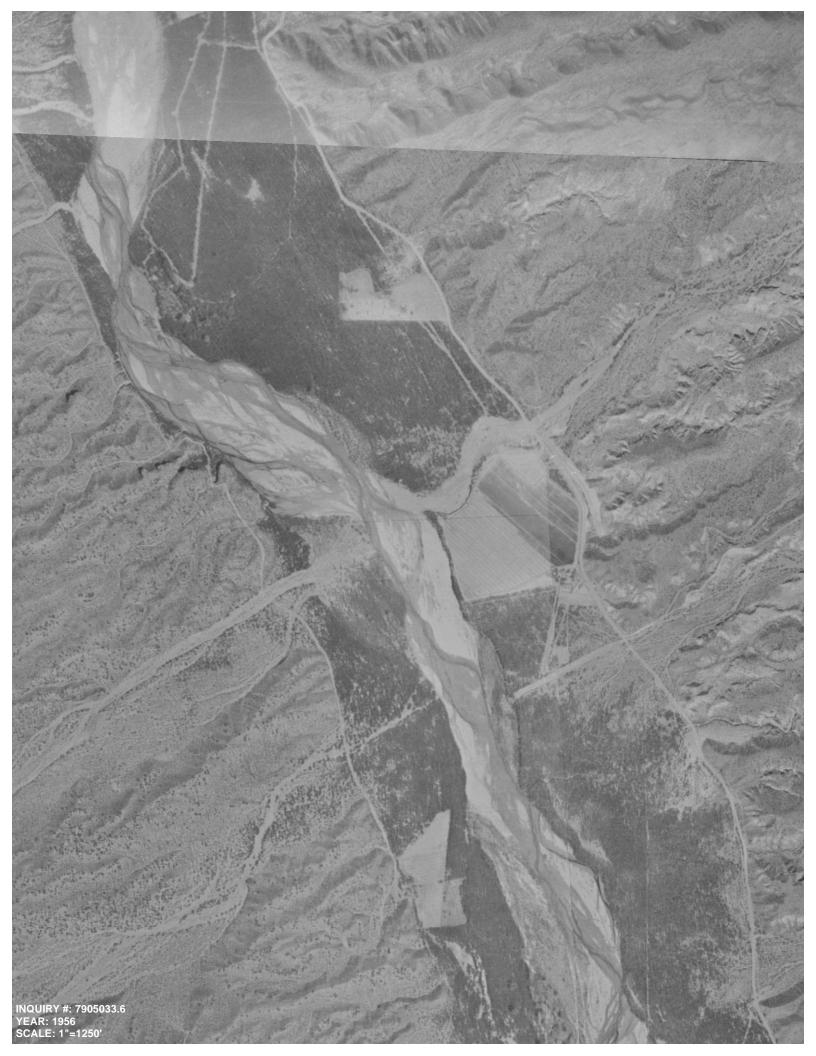






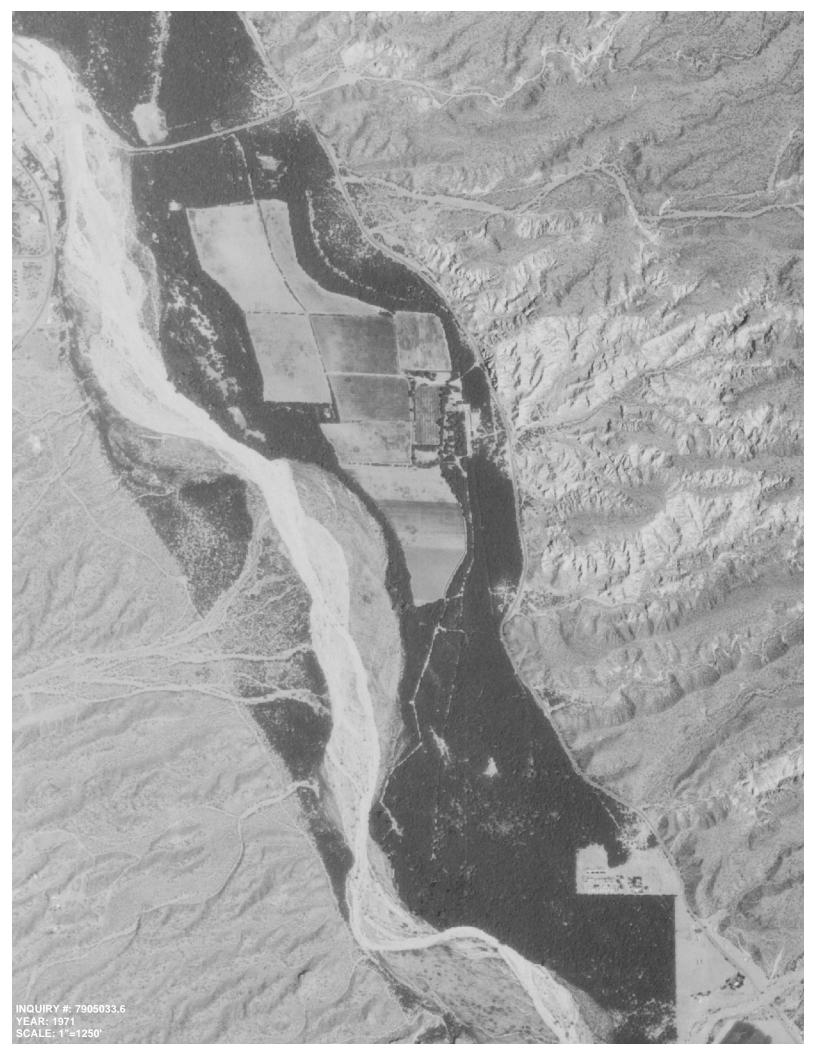


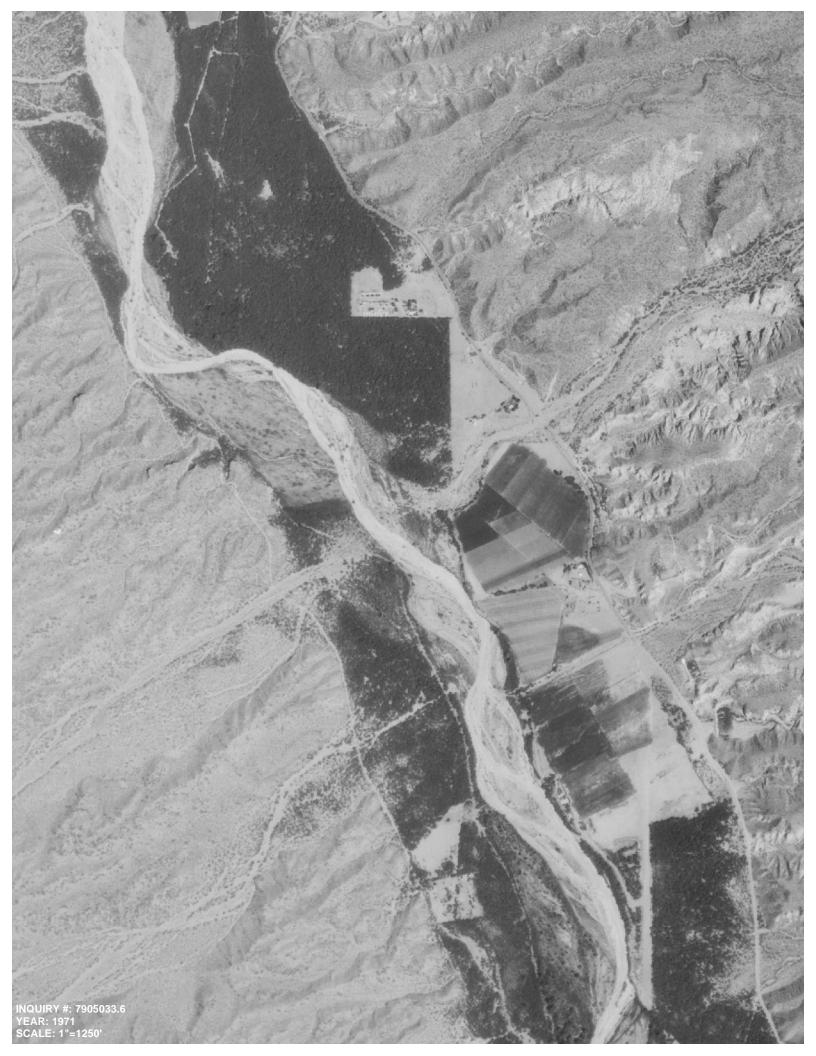




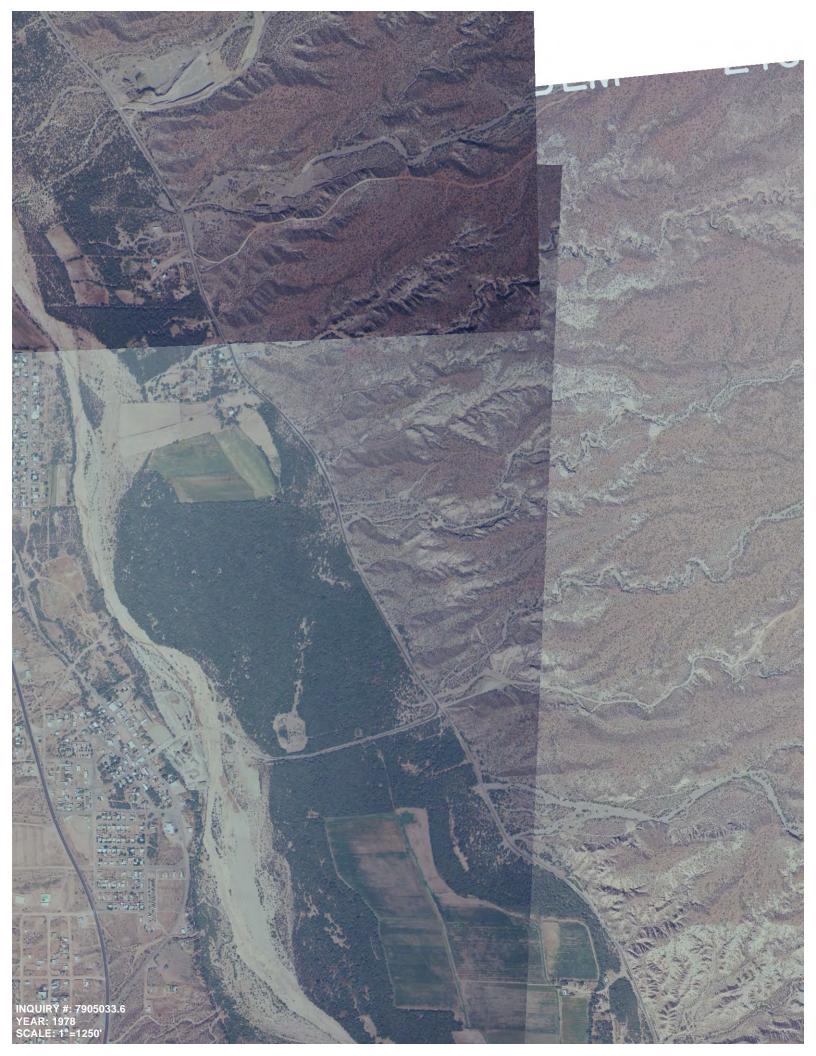




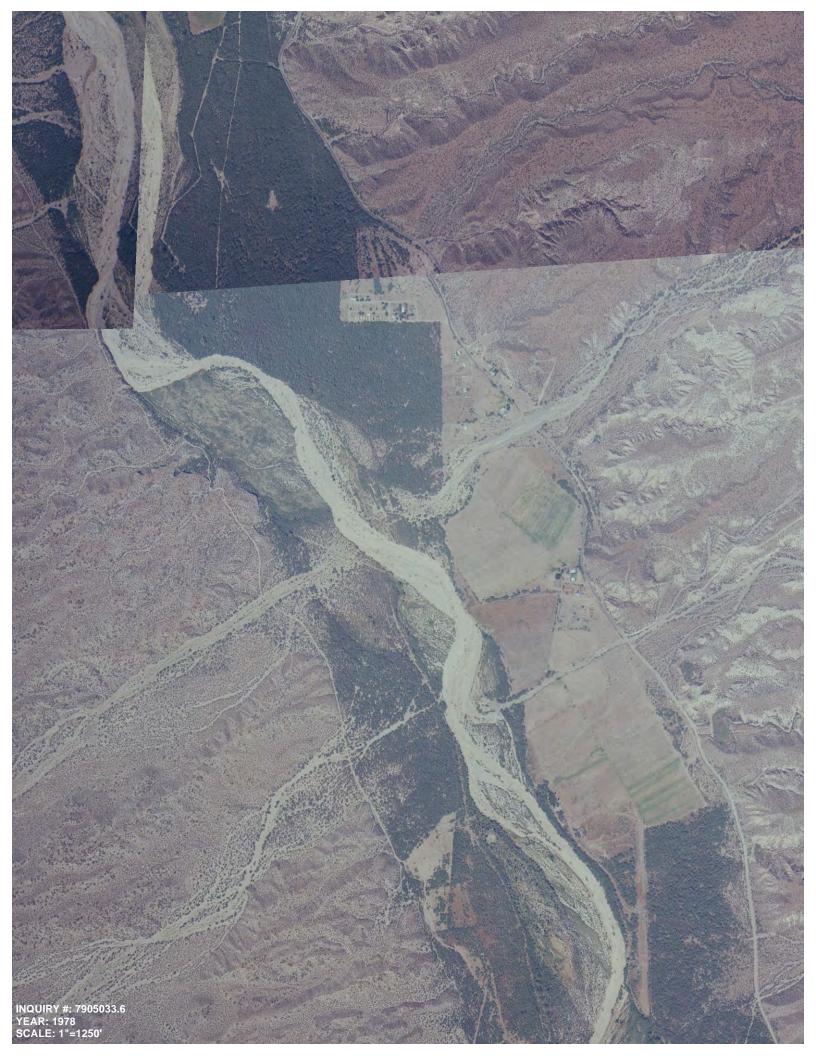










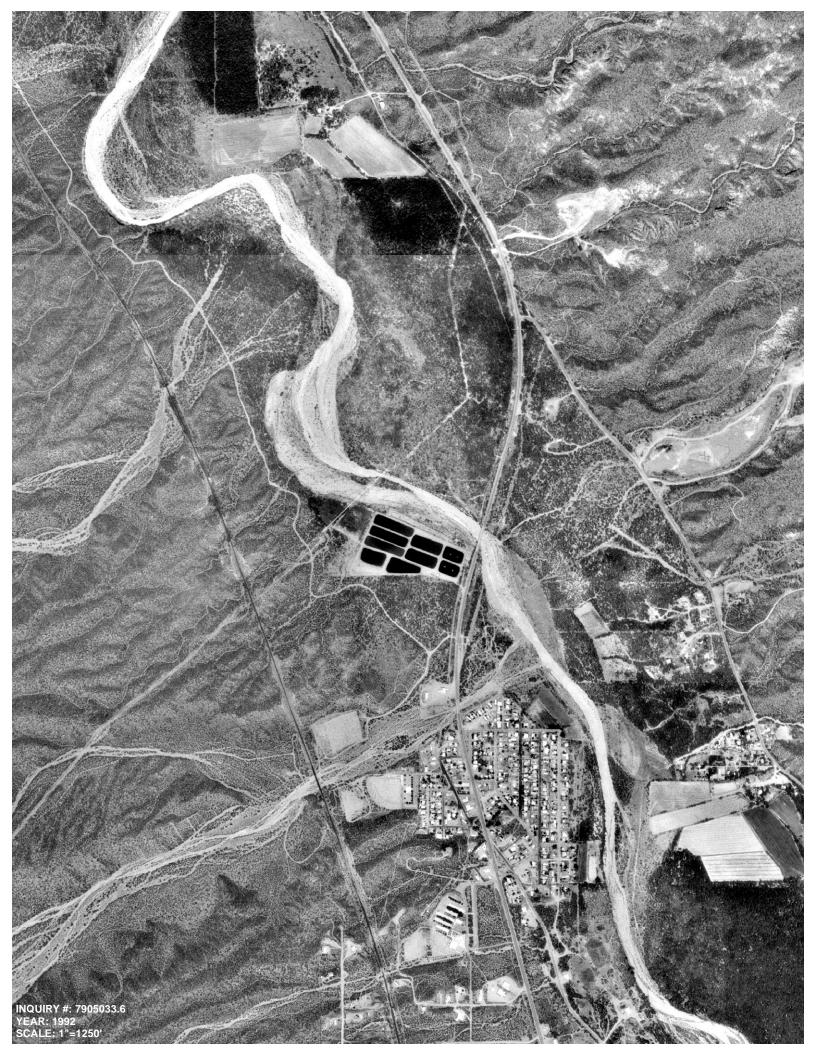






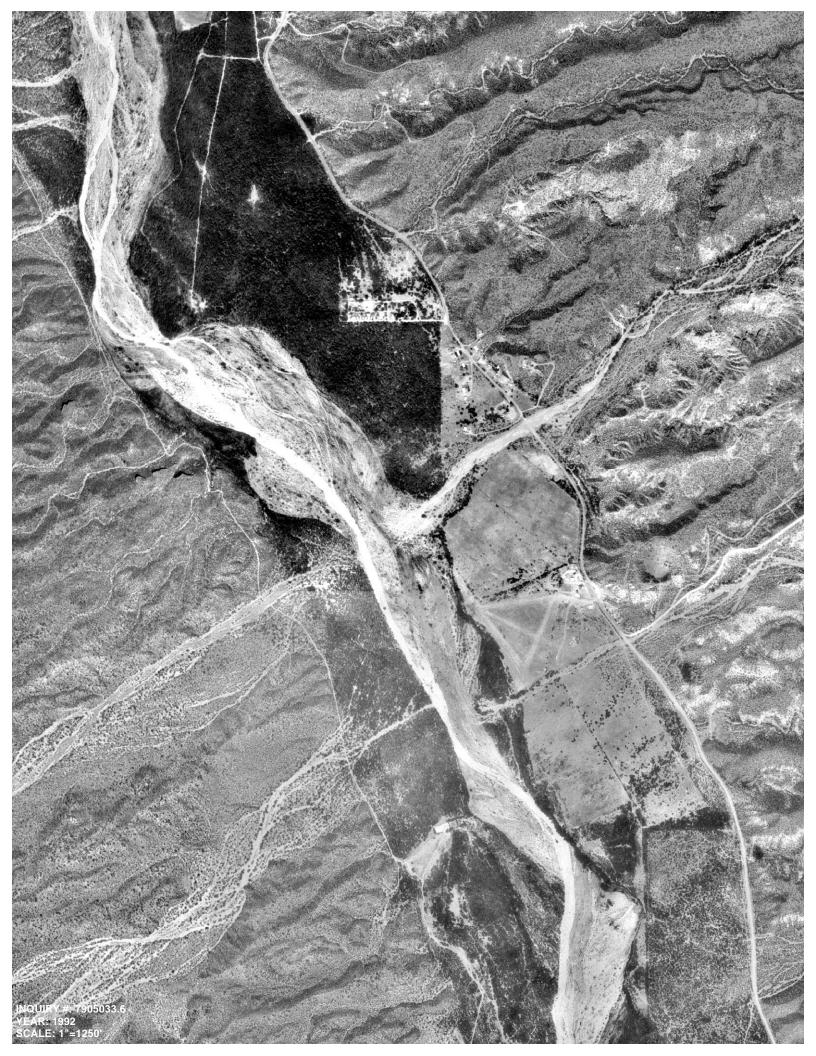


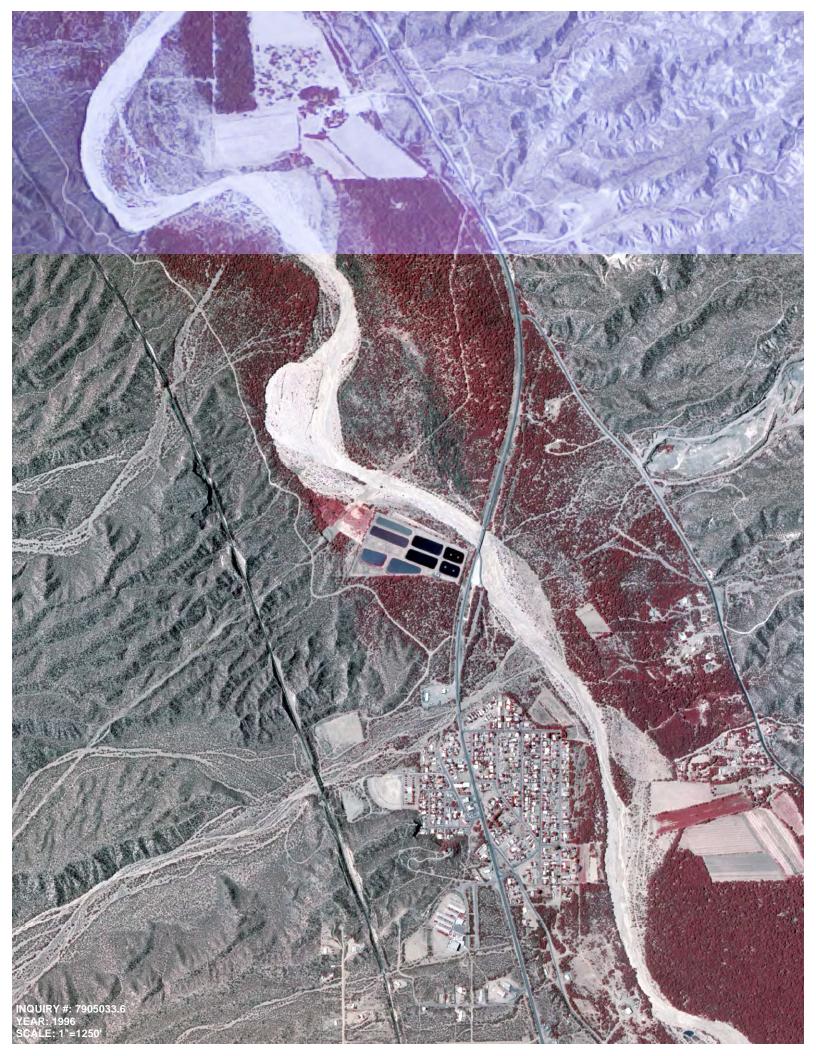










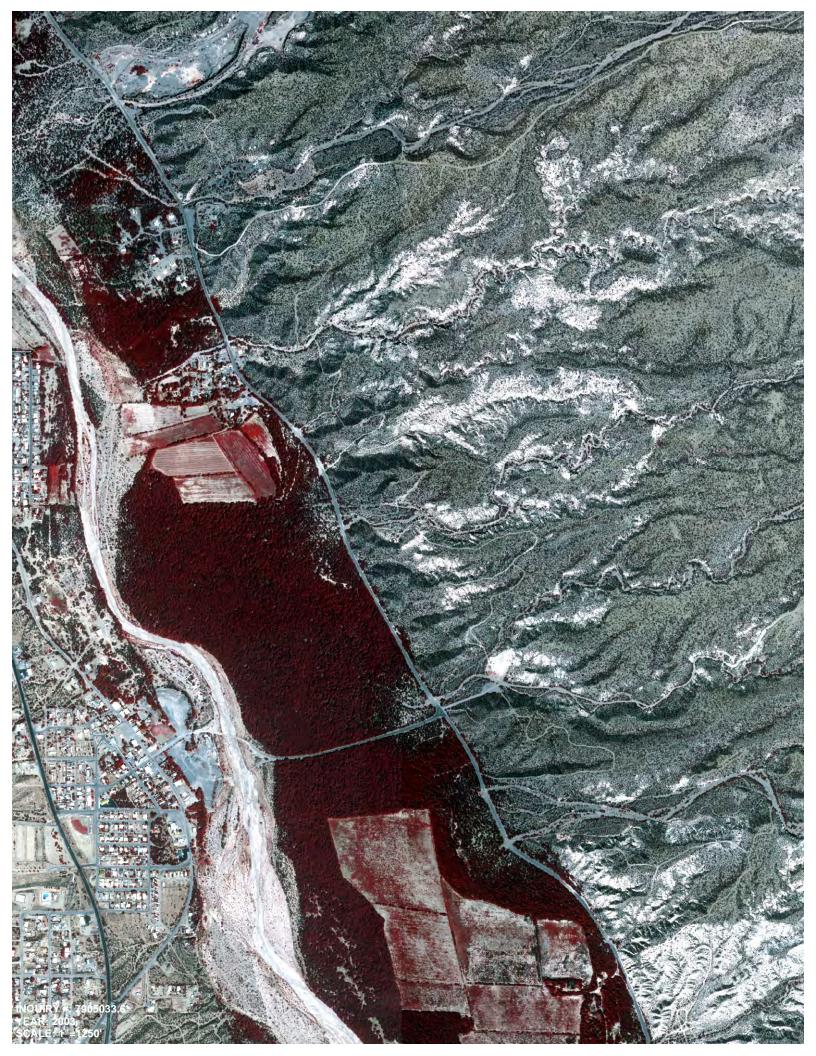




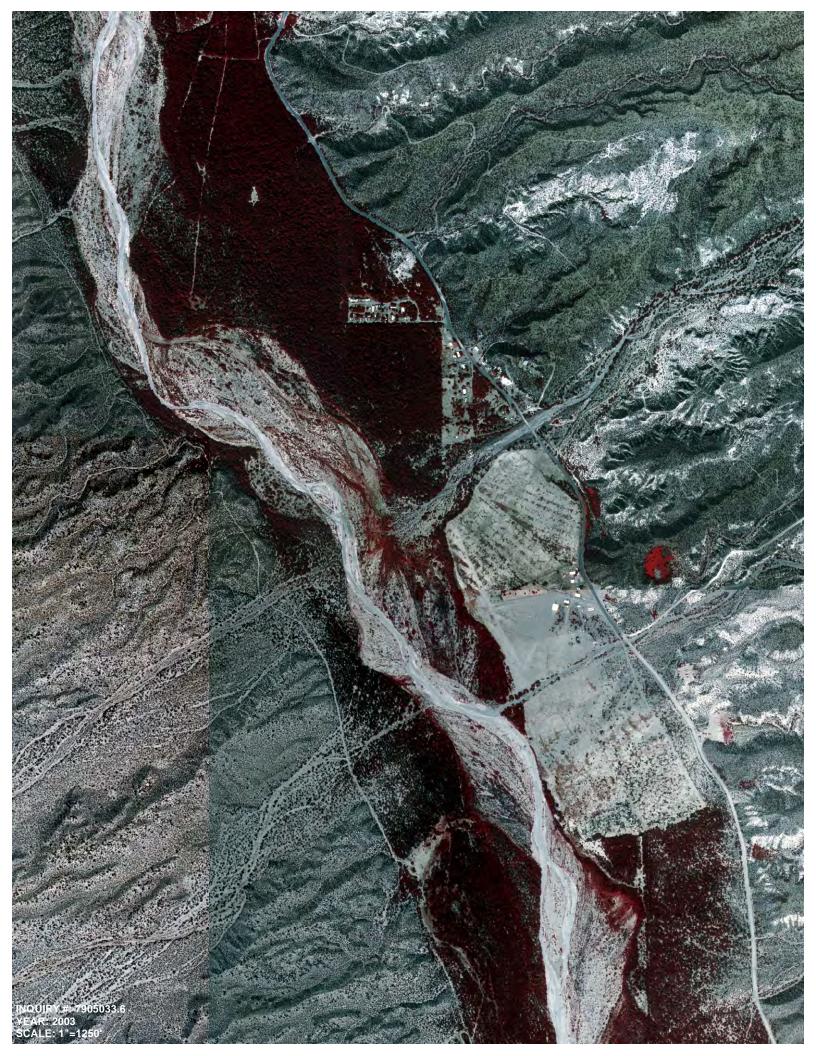




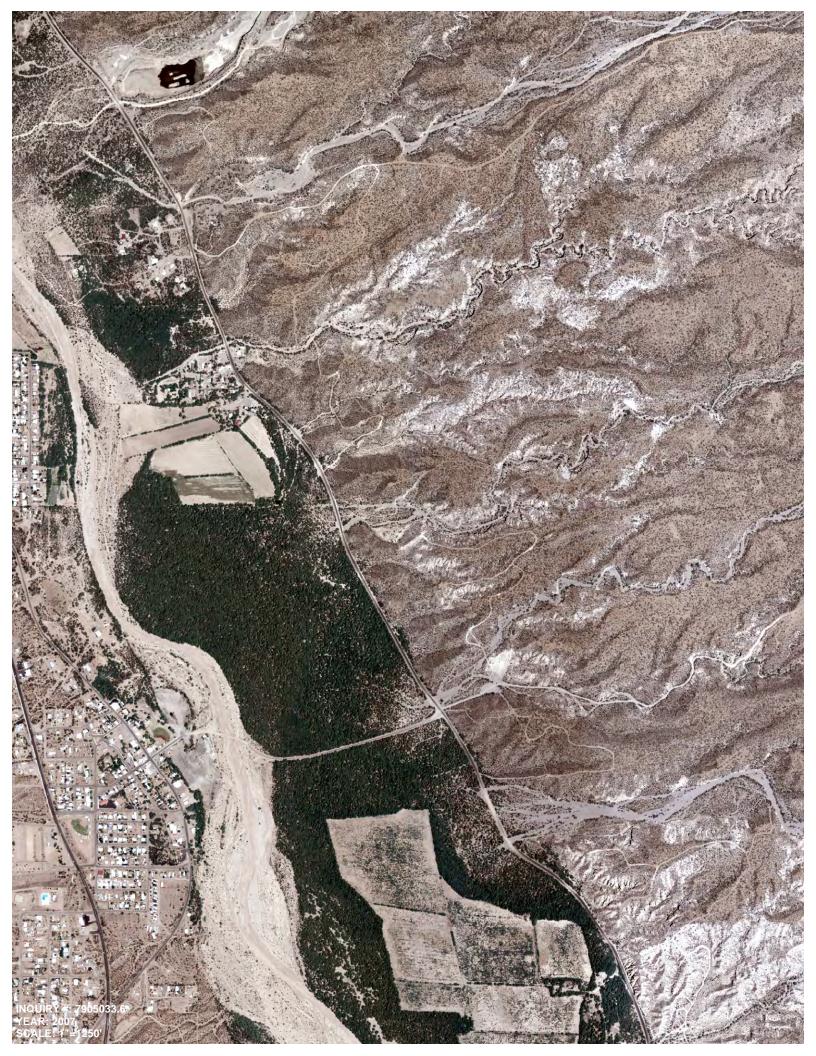




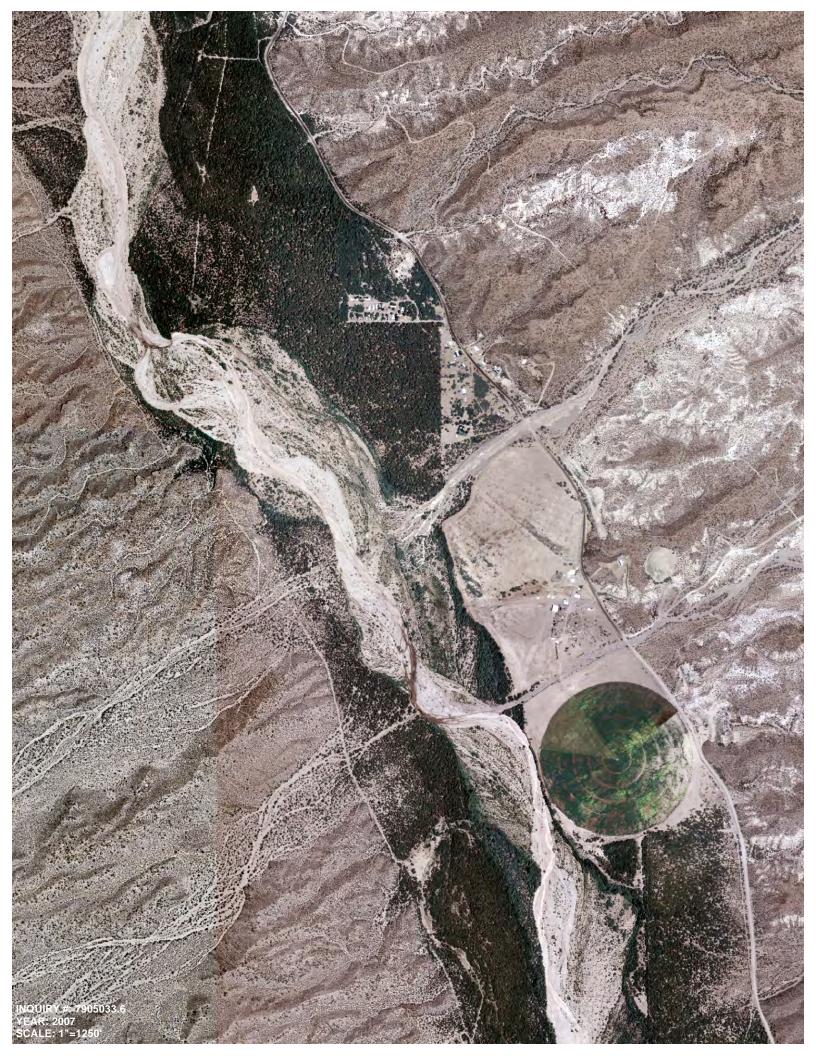




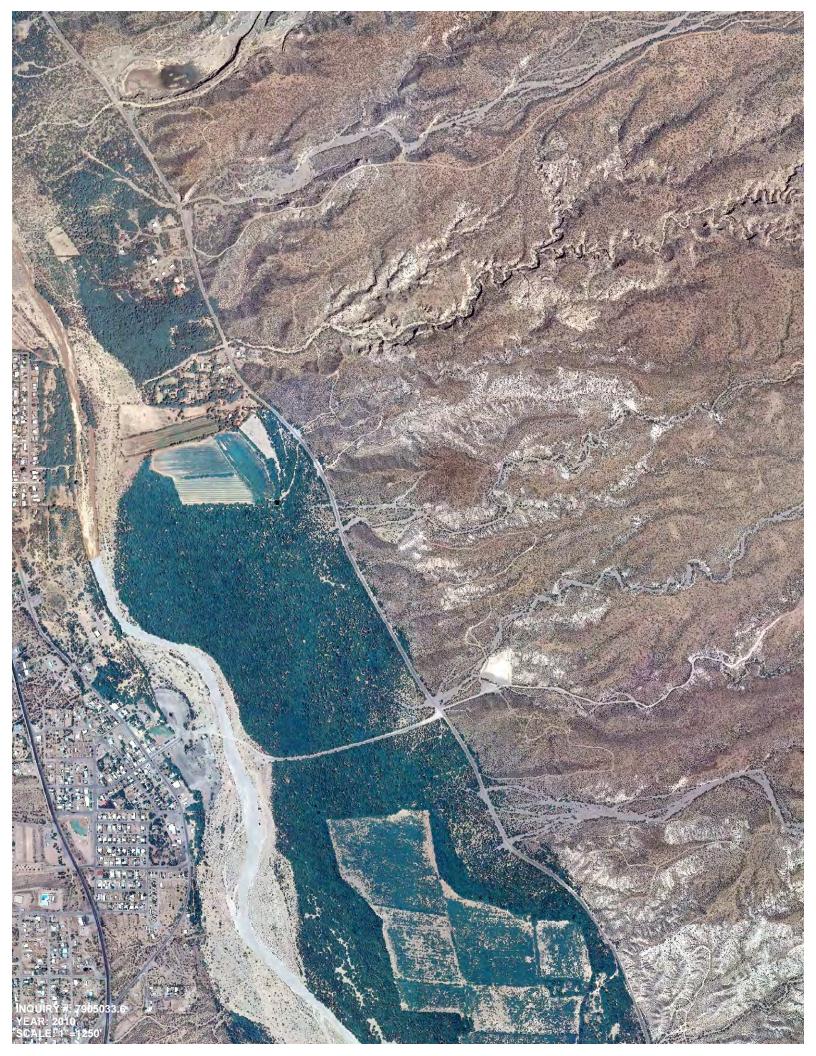






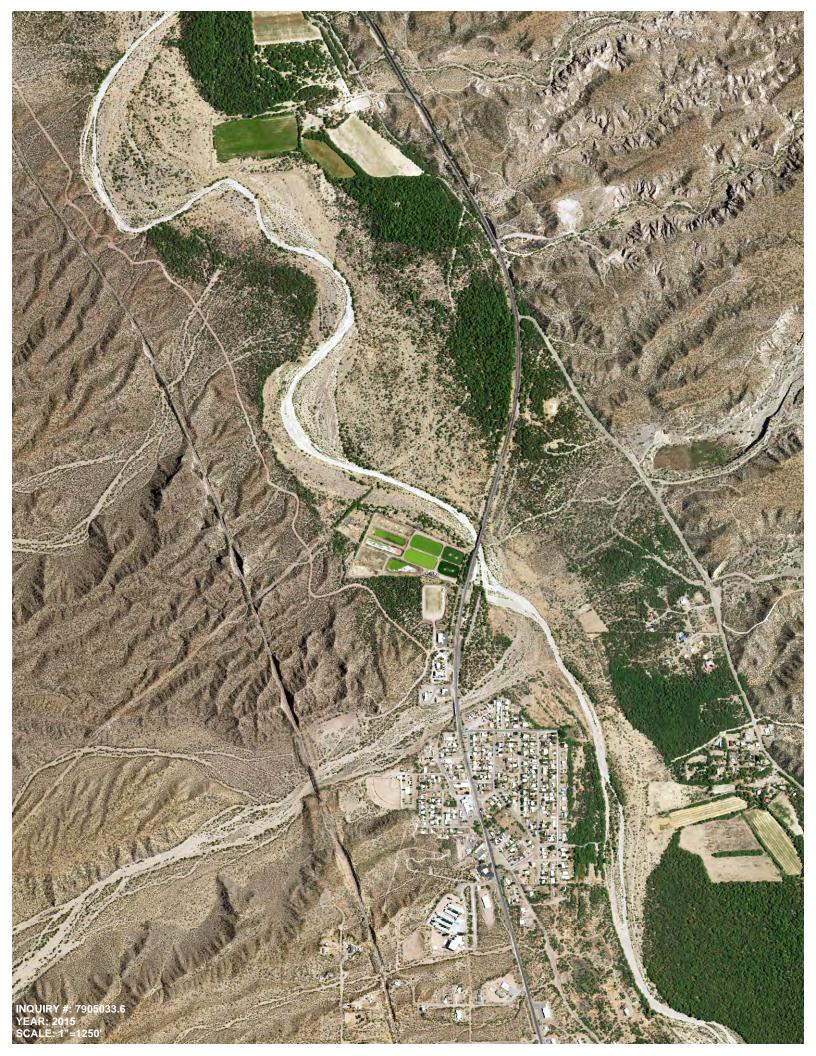






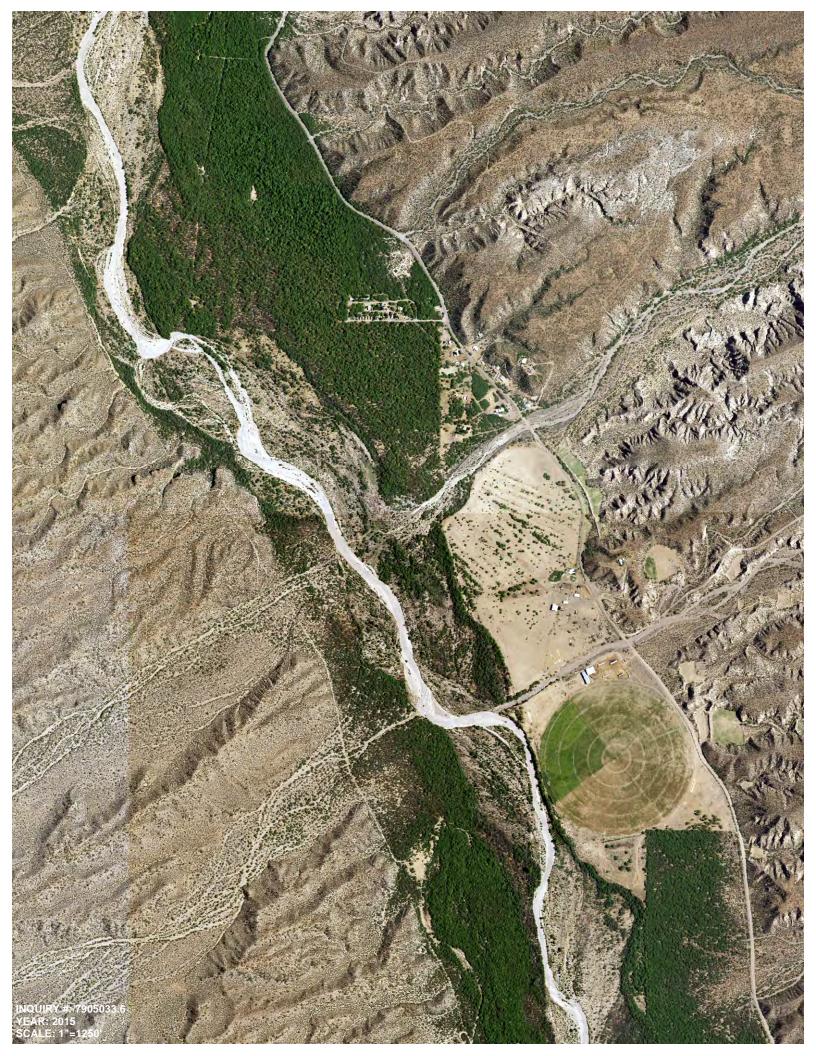


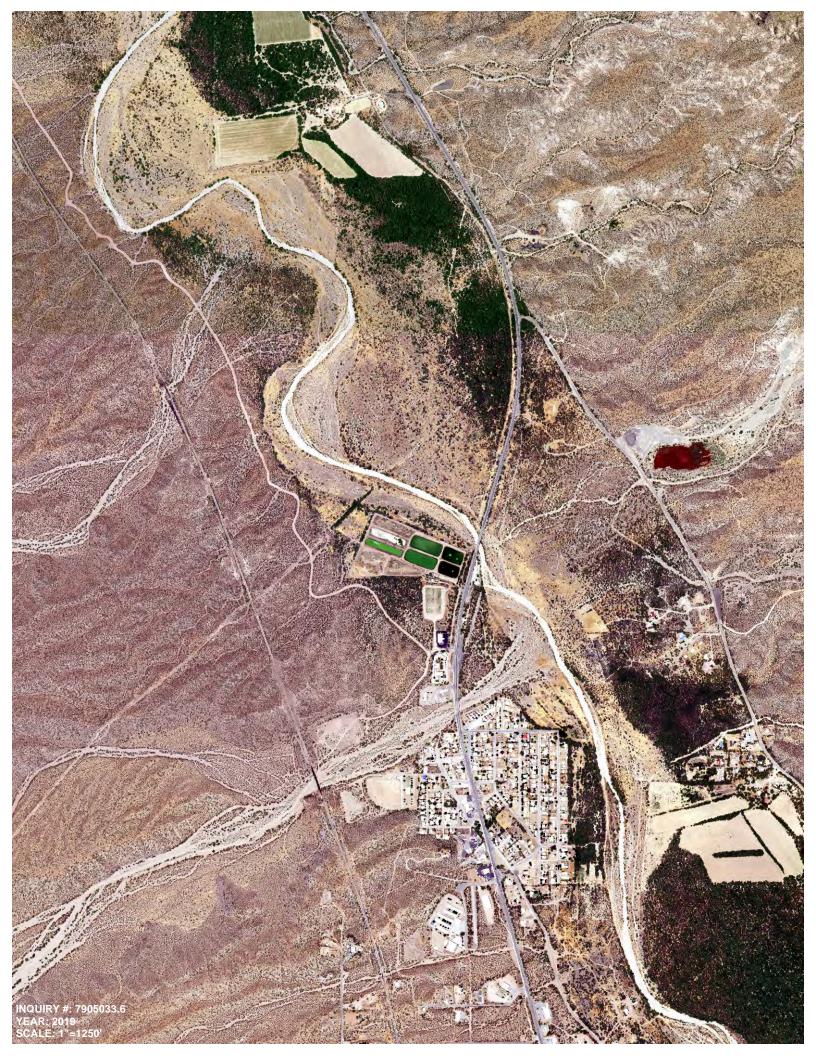






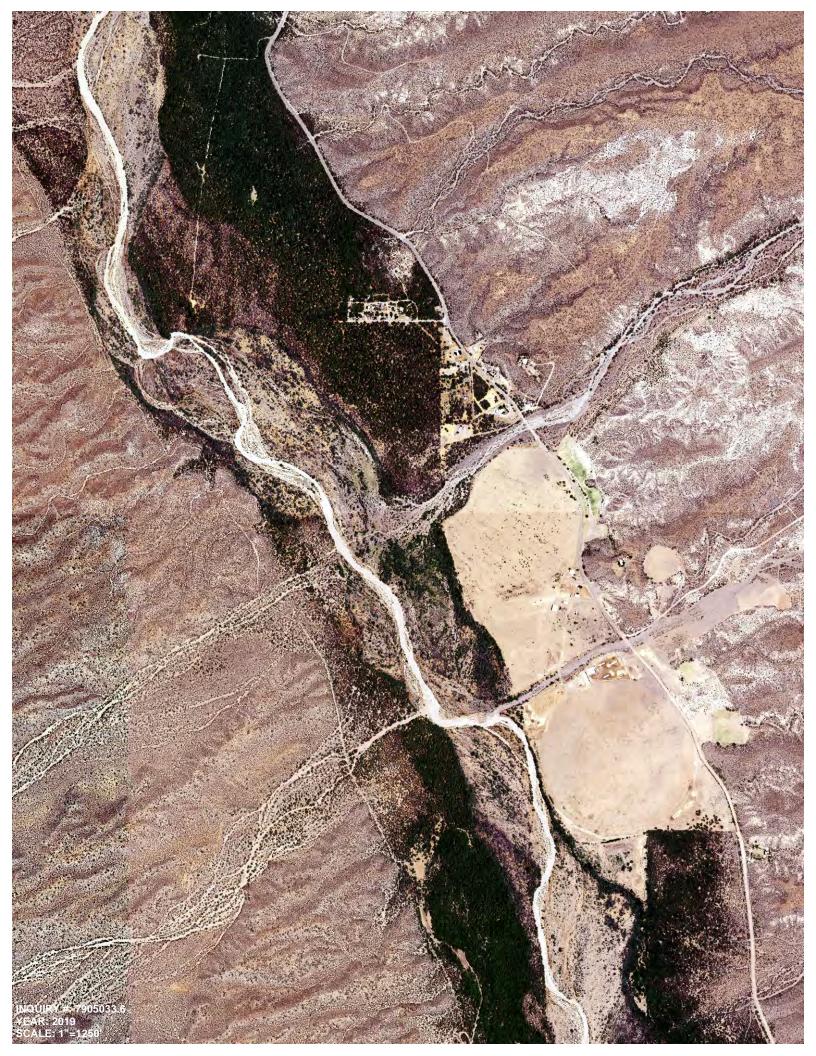












APPENDIX H
Pinal County Assessor Property Tax Maps and Records

SEC. 12, TN.8S RG.16E

THIS MAP IS FOR TAX PLUPOSES ONLY.
THIS OFFICE WILL NOT ASSURE LIMITLY FOR
REPRESENTATION, MEASUREMENTS OR ACREAGE.

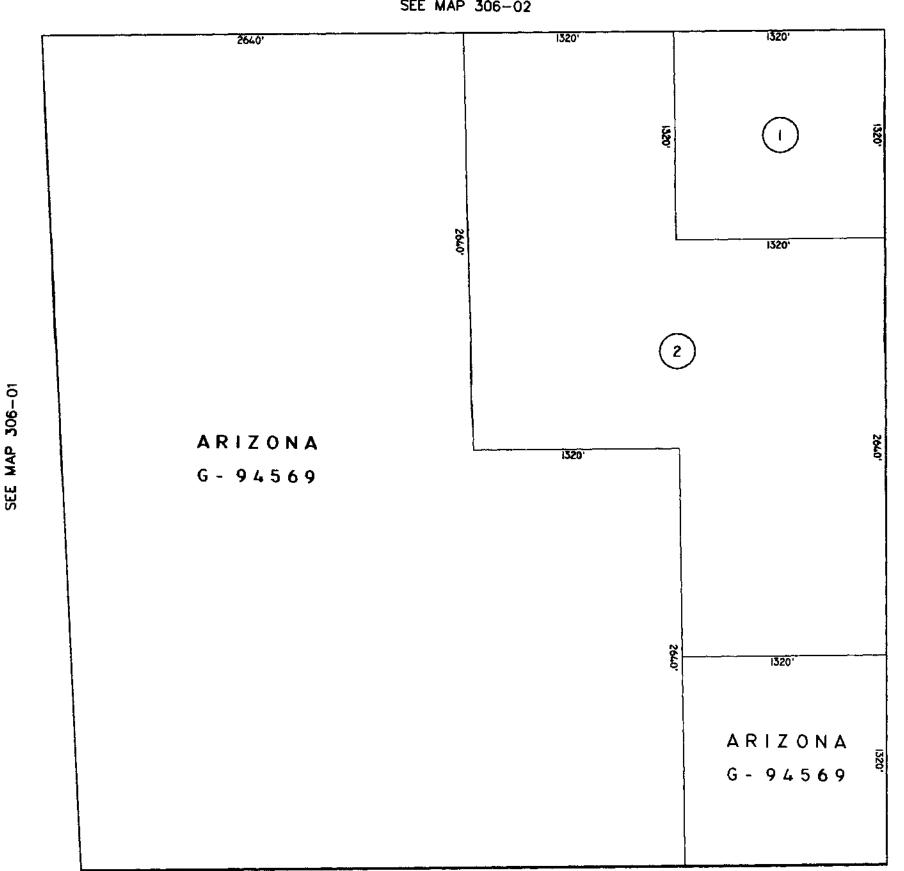
**VICINITY MAP** 

**SEC 01** 

**SEC 13** 

SEE MAP 306-02

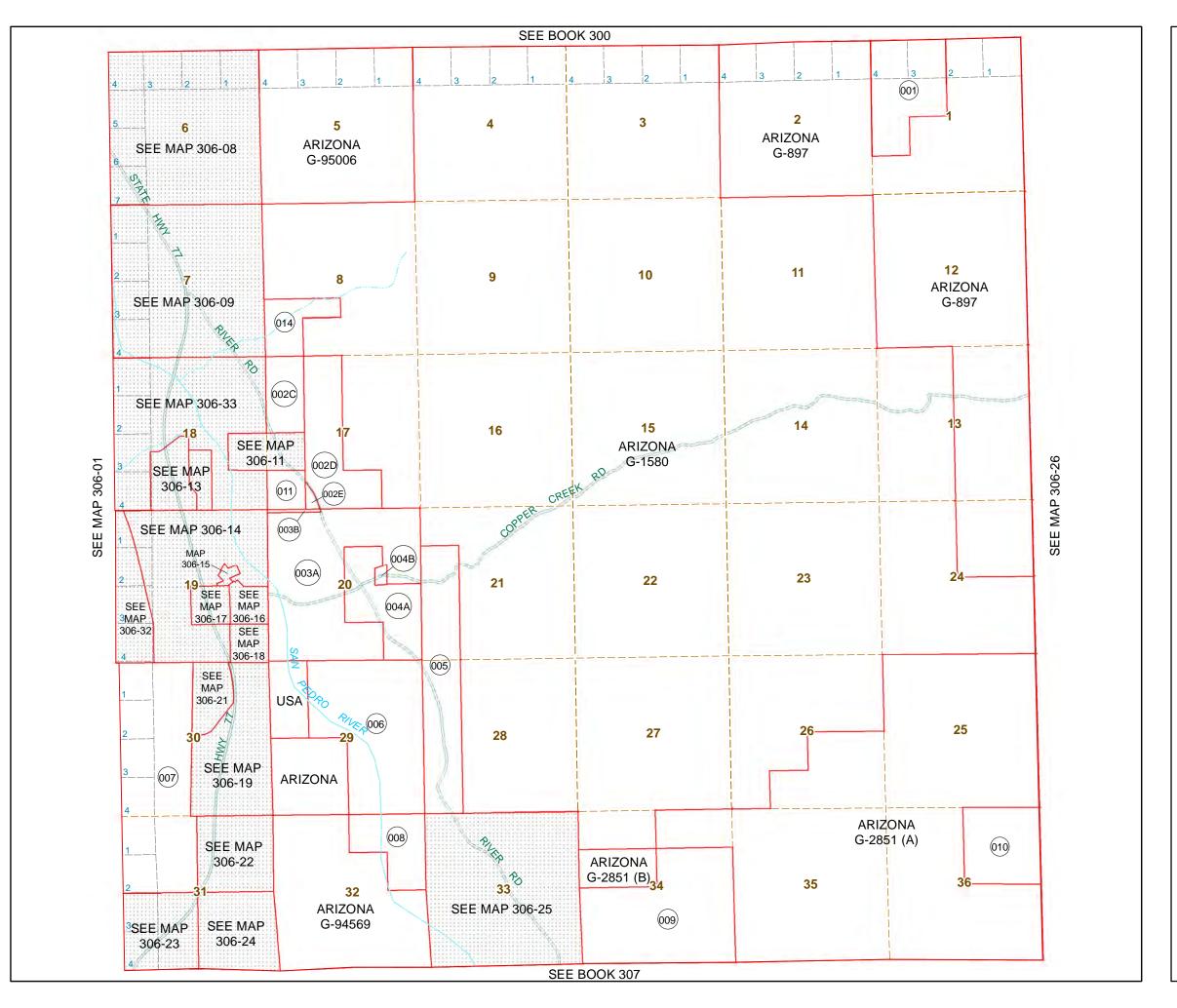
306-03



6-20-2001

SEE MAP 306-01

**PINAL COUNTY ASSESSORS MAP** 

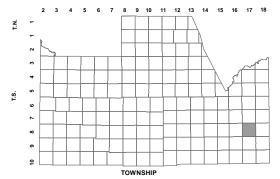


BOOK - MAP

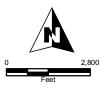
# 306-07

T.08S. R.17E.

#### LOCATION MAPS



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
		SEC	TION	eer <b>x</b> eerellelelelel	<b>-</b>



4/6/2012 Revised:



wide open opportunity **Pinal County Assessor** 

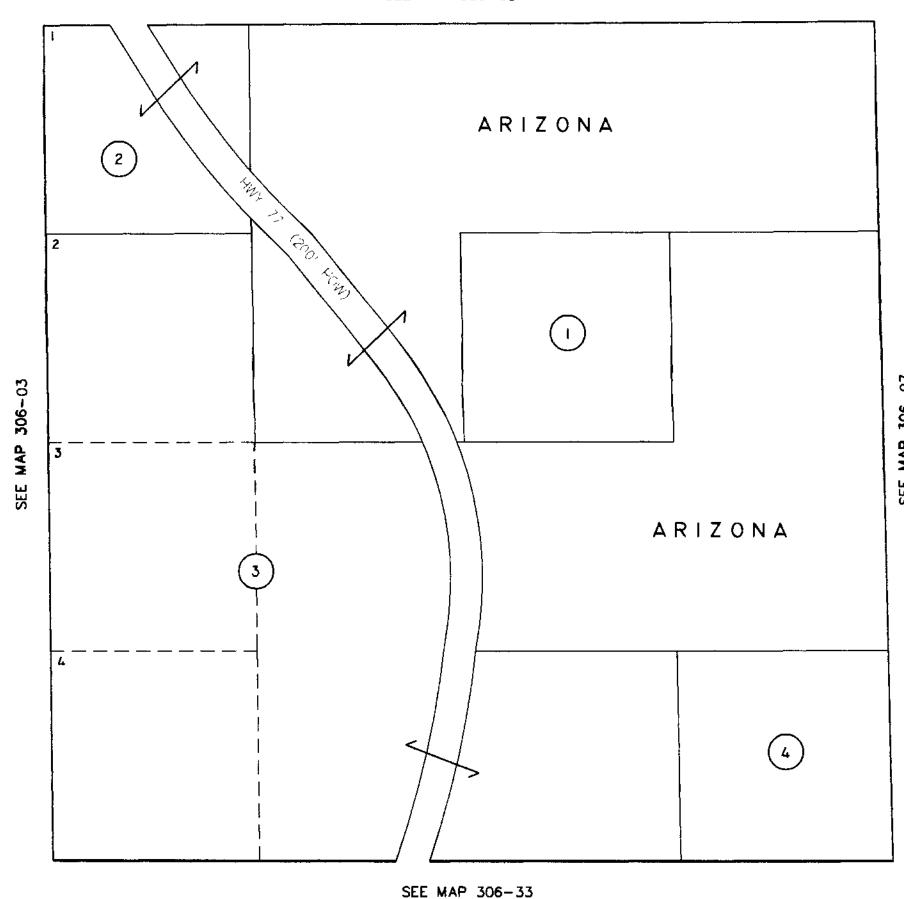
THIS MAP DOES NOT REPRESENT A SURVEY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA DELINEATED HEREIN, EITHER EXPRESSED OR IMPLIED BY PINAL COUNTY OR ITS EMPLOYEES. THIS MAP IS COMPILED FROM OFFICIAL RECORDS, INCLUDING PLATS, SURVEYS, RECORDED DEEDS AND CONTRACTS, AND ONLY CONTAINS INFORMATION REQUIRED FOR THE PINAL COUNTY ASSESSOR'S OFFICE PURPOSES.

**SEC. 07, TN.8S RG.17E** 

SEE MAP 306-08

306-09



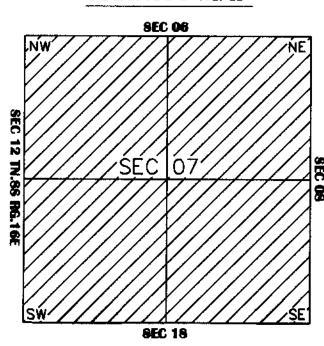


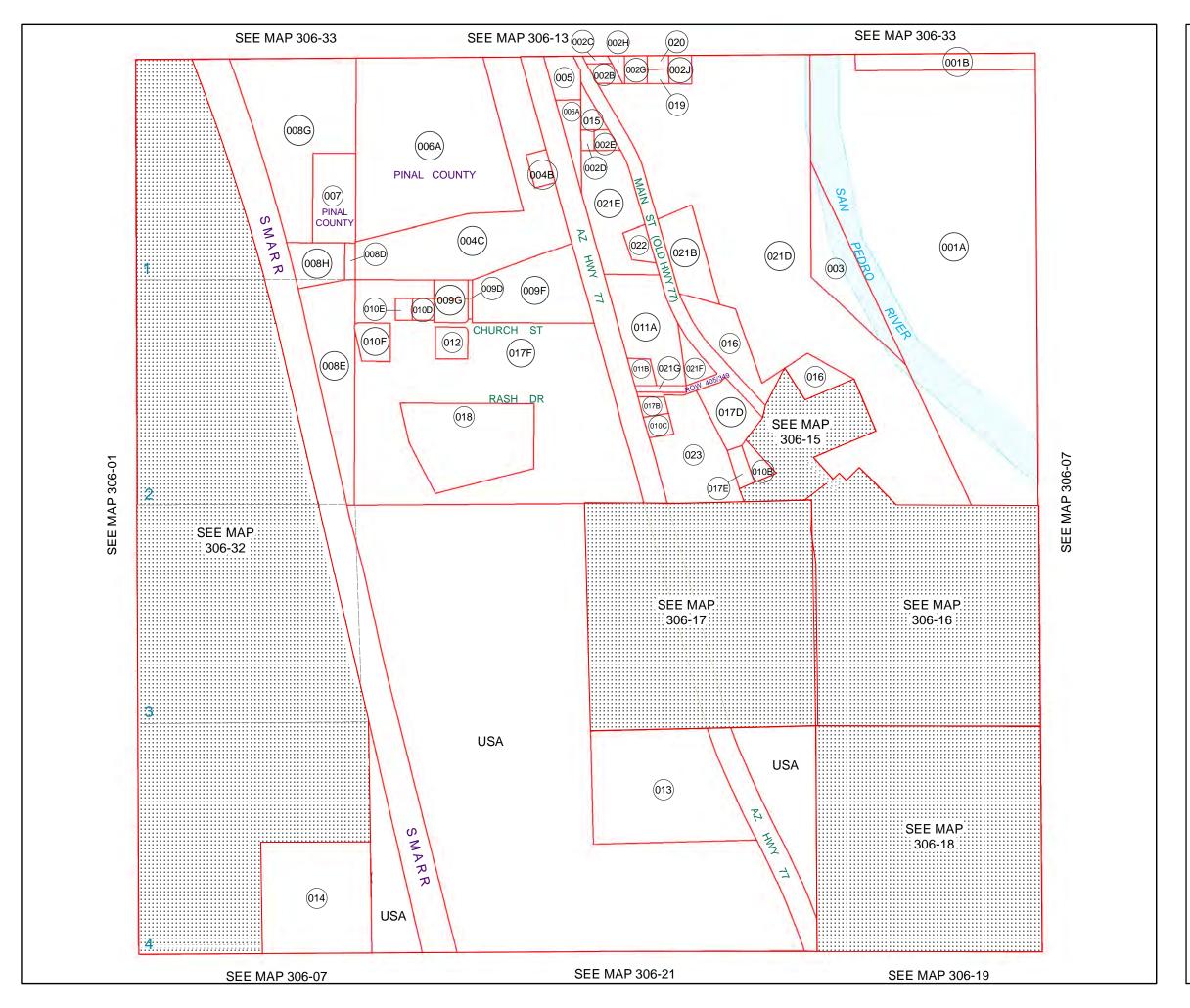
SCALE: 1" = 600

6-20-2001

**PINAL COUNTY ASSESSORS MAP** 

## **VICINITY MAP**





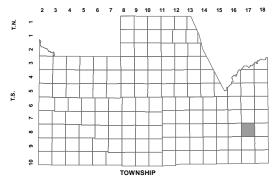
BOOK - MAP

306-14

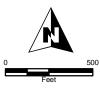
SEC. 19 T.08S. R.17E.

#### LOCATION MAPS

P 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

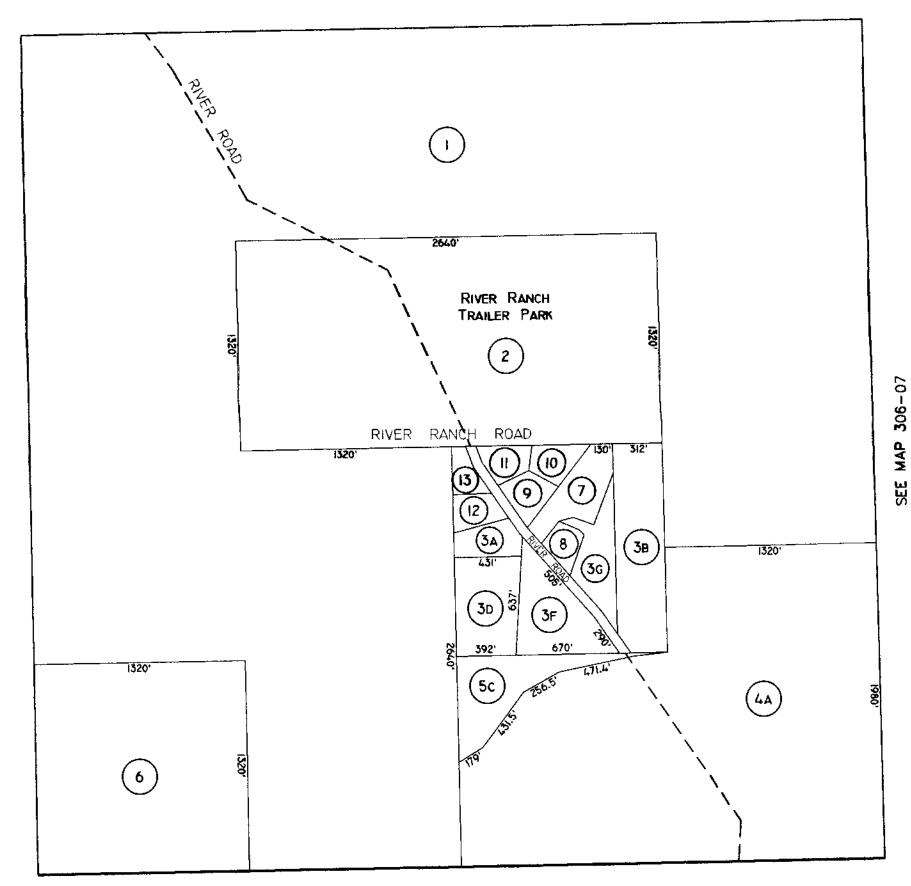
By: AHB



**Pinal County Assessor** 

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THIS OFFICE WILL NOT ASSUME LIABILITY FOR
REPRESENTATION, MEASUREMENTS OR ACREAGE.



SCALE: 1" = 600'

6-20-2001

PINAL COUNTY ASSESSORS MAP

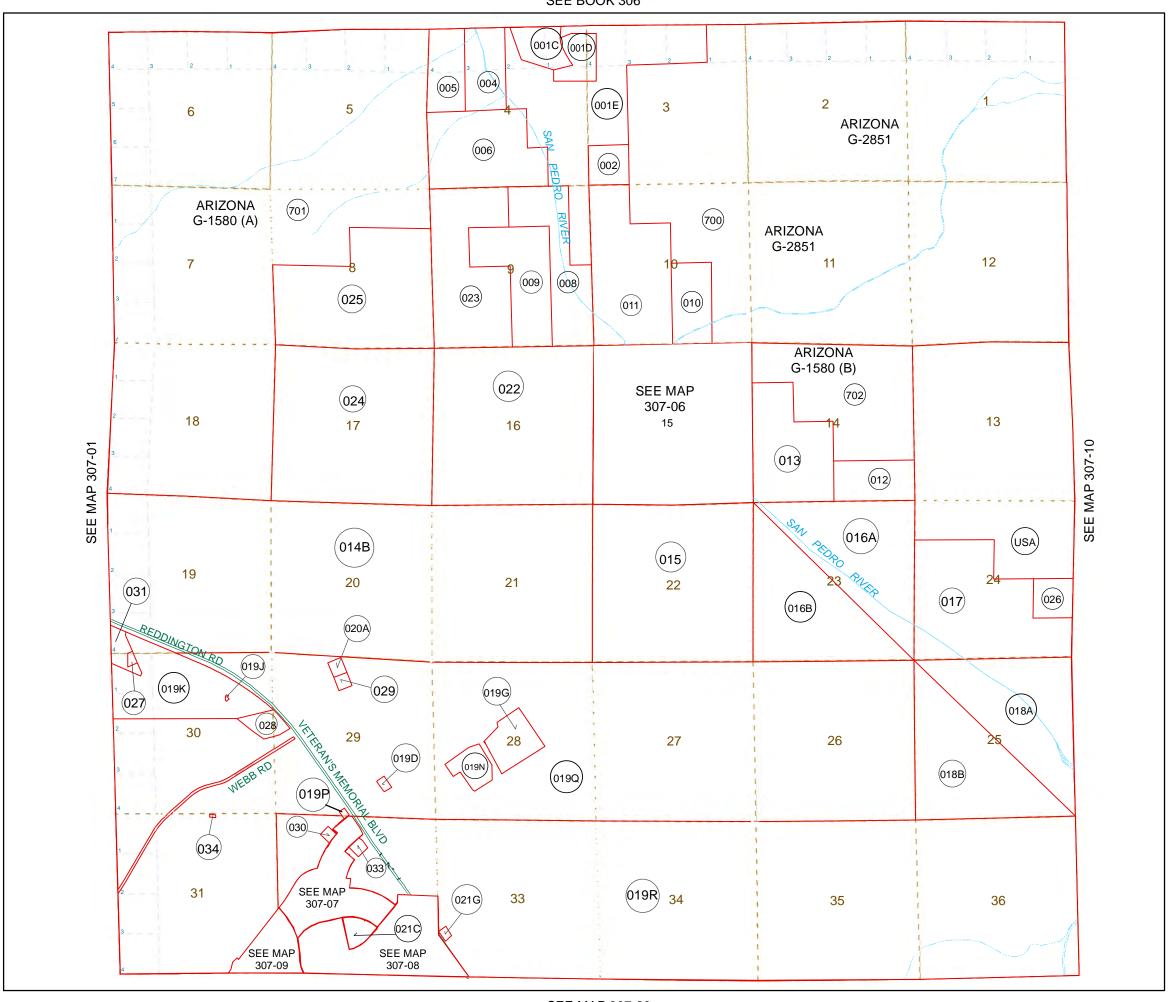
SEE BOOK 307

SEC 04 TN.96 RG.17E

**VICINITY MAP** 

**SEC 28** 

SEC 19



BOOK - MAP 307-05 T.09S. R.17E. LOCATION MAPS 10 18 22 23 27 35 Revised: 11/18/2011 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.

Search R	esult	s (1 Entries)						open 🞩
Parcel De	etails	(306-07-002C)	)					open 🖶
		ns are subject to cha data. For updated/c						
			% Compara	ible Properties	% L	ink to Thi	s Parcel	Print View
Parcel Numbe	r 306-	07-002C shows t	the followin	ng informat	ion for	Tax Ye	ar: 2017	▼ Tax Year Chart
Parcel Numbe	er: 30 Info	6-07-002C ( <u>Taxing</u> ormation)	1	Primary (	Owner:	SWIFT LLC	CURREN	Γ LAND & CATTLE
Section: 17			nge: 17E	Name 2:				
Atlas Number	: -	Map: Vie	ew Parcel o	In C/O:				
Property Desc	criptio	n: (What is this?)		Tax Bill N	1ailing	Address	5	
W1/2 OF NW 0	OF SEC	17-8S-17E 80.00	AC	Address:		PO BOX	〈 1944	
				City:		SUPERI	IOR	
				State:		AZ		
				Zip Code:	:	85173		
Date of Sale:	No	t Given		Property	Addres	s (Loca	tion):	
Sale Amount:	No	t Given						
Document(s):	:			Subdivisi	on:			
2004-021434				Unit:	Bloc	k:	Lot:	Phase:
		Yes	No	Cabinet:		S	Slide:	
Widow			X					
Widower			Χ					
Disabled			X					
Senior Freez	е		Х					
Imp: 0.00	Item:							
	0	Grnd Flr Perim:	0					
Stories:		Total Sq. Ft.:	0					

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

Search R	Result	s (1 Entries)						open 👃
Parcel D	etails	(306-07-002D)	)					open 🞩
		ns are subject to cha s data. For updated/c						changes in value may ebsite.
			% Comparat	ole Properti	es 🗞 L	ink to Thi	s Parcel	占 Print View
Parcel Numbe	er 306	-07-002D shows	the followin	g informa	ation for	Tax Ye	ar: 201	17 ▼ Tax Year Chart
Parcel Numbe		06-07-002D ( <u>Taxin</u> ormation)	9	Primary	Owner:	SWIFT LLC	CURRE	NT LAND & CATTLE
Section: 17	Town	nship: 08S Rar	nge: 17E	Name 2	•			
Atlas Number	·: -	Map: Vie	ew Parcel o	In C/O:				
Property Des	criptio	on: (What is this?)		Tax Bill	Mailing	Addres	S	
		EC 17-8S-17E EXC	SW'LY OF	Address	:	PO BO	X 1944	
RIVER RD ROV	N, 193.	.97 AC		City:		SUPER	IOR	
				State:		AZ		
				Zip Code	e:	85173		
Date of Sale:	3/2	26/2004		Property	y Addres	s (Loca	tion):	
Sale Amount:	\$3	,500,000.00						
Document(s)	:			Subdivis	sion:			
2004-021434				Unit:	Bloc	k:	Lot:	Phase:
		Yes	No	Cabinet		9	Slide:	
Widow			X					
Widower			X					
Disabled			X					
Senior Freez	e		Х					
Imp: 0.00	Item:							
Const year:	0	Grnd Flr Perim:	0					
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

Search R	esult	s (1 Entries)						open 🞩
Parcel D	etails	(306-07-002E	)					open 📳
		ns are subject to chas data. For updated/o						
			% Compara	ble Properties	% ∟	ink to This	Parcel	占 Print View
Parcel Numbe	r 306-	-07-002E shows	the followin	g informati	ion for	Tax Yea	r: 2017	▼ Tax Year Chart
Parcel Numbe	er: Info	06-07-002E ( <u>Taxin</u>	<u>g</u>	Primary (	Owner:	BENNY	CLARK	
Section: 17			nge: 17E	Name 2:				
Atlas Number	: -	Map: Vio	ew Parcel	In C/O:				
Property Des	criptio	on: (What is this?)		Tax Bill M	lailing	Address		
	-8S-17	'E SW'LY OF RIVER	R RD ROW,	Address:		РО ВОХ	145	
6.03 AC				City:		MAMMO	ТН	
				State:		AZ		
				Zip Code:		85618		
				ī				
Date of Sale:	1/3	31/2012		Property	Addres	s (Locat	ion):	
Sale Amount:	\$1	0.00						
Document(s)				Subdivisio	on:		i	
2012-007458				Unit:	Bloc	k:	Lot:	Phase:
		Yes	s No	Cabinet:		S	lide:	
Widow			X					
Widower			X					
Disabled			X					
Senior Freez	e		Х					
Imp: 0.00	Item:							
Const year:	0	Grnd Flr Perim	: 0					
Stories:		Total Sq. Ft.:	0					

Parcel Size:	6.03						
Size Indicator:	Acres	res					
Tax Area Code:	0803	(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):	\$7,61	5.00	% COMPARABLE PROPERTIES				
Limited Value (LPV):	\$5,75	\$5,751.00					
Real Property Ratio:							
Assessed FCV:	\$1,14	2.00					
Assessed LPV:	\$863.	00					
	ı						
Attached Personal Prop	erty:	No Personal Property Listed					

<sup>\*</sup>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.

Parcel D	etails (	306-07-00	)3A)							open 👢
Previous year v	valuations d in this d	are subject t ata. For upda	o change ted/corre	as prescr ct figures	ibed in the Ar , please refer	izona Rev to the Tre	vised Stateasurer's	tutes. Al Office w	ll chang rebsite.	es in value may
			Q.	Compar	able Propertie	<u>s</u> %, L	ink to Th	nis Parce	el 🖨	Print View
Parcel Numbe	r 306-0	7-003A sho	ws the	followi	ng informa	tion for	Tax Y	ear: 20	)17 ▼ <mark>I</mark>	ax Year Chart
Parcel Number	er: 306- Inforr	-07-003A ( <u>Ta</u> <u>nation</u> )	axing	<b>-</b>	Primary	Owner	SWIF	Γ CURR	ENT LA	AND & CATTLE
Section: 20	Towns	hip: 08S	Range:	17E	Name 2:					
Atlas Number	·: -	Мар:	View F Map	<u>Parcel</u>	In C/O:					
Property Des	cription	: (What is th	nis?)		Tax Bill	Mailing	Addres	SS		
SW SE AND W		_	_		Address	•	РО ВС	X 1944		
8S-17E EXC W EXC N-100 W					City:		SUPER	RIOR		
					State:		AZ			
					Zip Code	:	85173	}		
Date of Sale:	3/26	/2004			Property	Addres	ss (Loc	ation):		
Sale Amount:	\$3,50	00,000.00								
Document(s)	:				Subdivis	ion:				
2004-021434					Unit:	Bloc	k:	Lot:		Phase:
			Yes	No	Cabinet:		·	Slide:		·
Widow				Χ						
Widower				Х						
Disabled				Х						
Senior Freez	e			Χ						
Imp: 0.00	Item:									
		rnd Flr Pei	rim: 0							
Stories:	Т	otal Sq. Ft.	.: 0							
			1							
Parcel Size:		473.62								

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

Search R	Result	s (1 Entries)						open 👃		
Parcel D	etails	(306-07-003B)	)					open 👢		
		ns are subject to cha data. For updated/c						l changes in value may rebsite.		
			% Compar	able Properti	<u>es</u> 🗞 L	ink to Thi	s Parce	el 占 Print View		
Parcel Numbe	er 306-	-07-003B shows t	the followi	ng inform	ation for	Tax Ye	ar: 20	17 ▼ Tax Year Chart		
Parcel Number	er: 30	06-07-003B ( <u>Taxing</u> ormation)	1	Primary	/ Owner:	BENNY	CLARI	<		
Section: 20			nge: 17E	Name 2	:					
Atlas Number	-: -	Map: Vie	ew Parcel	In C/O:						
Property Des	criptic	on: (What is this?)	_	Tax Bill	Mailing	Address	5			
N-100 OF NW SEC 20-8S-17E W OF RIVER RD				Address	Address: PO BC			3OX 145		
ROW, 4.1 AC	City: MAMMC			OTH						
				State:		AZ				
				Zip Cod	e:	85618				
Date of Sale:	1/3	31/2012		Propert	y Addres	s (Loca	tion):			
Sale Amount:	\$1	0.00								
Document(s)	:			Subdivi	sion:					
2012-007458				Unit:	Bloc	k:	Lot:	Phase:		
		Yes	No	Cabinet	:	9	Slide:			
Widow			Χ							
Widower			X							
Disabled			Χ							
Senior Freez	ze		X							
Imp: 0.00	Item:									
Const year:	0	Grnd Flr Perim:	0							
Stories:		Total Sq. Ft.:	0							

Parcel Size:	4.10					
Size Indicator:	Acres					
Tax Area Code:	803 (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 PROPERTIES</u>					
Limited Value (LPV):	\$3,911.00					
Real Property Ratio:						
Assessed FCV:	\$777.00					
Assessed LPV: \$587.00						
Attached Personal Prope	erty: No Personal Property Listed					

<sup>\*</sup>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.

Searc	Search Results (1 Entries)												
Parce	l De	etails	(306-07-004	lA)								ор	en 📳
			ns are subject to data. For update										ue may
					% Compara	ble Proper	ties	% ∟	ink to Th	is Parce	el	占 Print Vi	ew
Parcel Nun	nbei	306-	07-004A show	s t	he followir	ig inforn	nati	ion for	Tax Ye	ear: 20	017 ▼	Tax Year Ch	<u>iart</u>
Parcel Nur	nbe	r: 30 Info	6-07-004A ( <u>Tax</u> rmation)	ing		Prima	-y (	Owner:	SWIF	Γ CURR	ENT	LAND & C	ATTLE
Section: 2			1	an	ge: 17E	Name	2:						
Atlas Num	ber	-	I IVI an ·	Vie 1ap	w Parcel	In C/C	):						
Property D	esc	riptio	n: (What is this	?)		Tax Bi	II M	lailing	Addres	SS			
	N1/2 SE & SE SE & SW NE OF SEC 20-8S-17E EXC					Address: PO BC			OX 1944				
E-271.9 OF THE N-656.9 OF THE SW NE THEREOF 156.18 AC				THEREOF	City: SUPER:			RIOR	RIOR				
						State:			AZ				
						Zip Co	de:		85173				
Date of Sa	le:	Not	t Given			Proper	ty	Addres	s (Loca	ation):			
Sale Amou	nt:	Not	t Given										
Document	(s):					Subdiv	isio	on:					
2004-02143	4					Unit:		Block	k:	Lot:		Phase:	
			Υ	es	No	Cabine	et:			Slide:			
Widow					X								
Widower					X								
Disabled					X								
Senior Fr	eeze	9			X								
Imp: 0.00	)	Item:											
Const yea			Grnd Flr Peri	m:	0								
Stories:			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

Search F	Result	s (1 Entries	:)									op	en 👃
		(306-07-0)	•	)								ор	en 🞩
		ns are subject t s data. For upda											ie ma
				<b>%</b> ⊆	Compara	ole Prope	rties	ල <sub>ර</sub> Li	nk to Th	nis Parce	el 🖡	Print Vi	
Parcel Numbe	er 306	-07-004B sho	WS	the fo	ollowin	g infor	matio	on for	Tax Y	ear: 20	017 ▼	Tax Year Ch	<u>art</u>
Parcel Numb		06-07-004B ( <u>Tormation</u> )	axin	<u>g</u>		Prima	ry O	wner:	SAN F	PEDRO V	VALLE	Y LIONS	CLUB
Section: 20 Township: 08S Range: 17E					17E	Name	2:						
Atlas Number	^: -	Мар:	<u>Vie</u> Maj	ew Pai	<u>rcel</u>	In C/	0:						
Property Des	criptio	on: (What is t	nis?)			Тах В	ill Ma	ailing	Addres	ss			
COM @ E1/4 COR OF SEC 20-8S-17E TH W-				Addre	ss:		PO BOX 567						
	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				City:			MAMM	1OTH				
						State	!		AZ				
						Zip Co	ode:		85618	}			
[	<u> </u>					_							
Date of Sale:		t Given				Prope	rty A	ddres	s (Loc	ation):			
Sale Amount		ot Given				87888 E COPPER CREEK RD MAMMOTH AZ 85618							
Document(s)	:												
2003-065283			V		NI -	VIE	W MA	AP					
			Yes		No	Proper match	ty Addr the ma	ess refe	rs to a ge lress citv	eographic or zip co	cal loca	ation: it may	not
Widow					X	Subdi							
Widower					X	Unit:		Block	<b>(</b> :	Lot:		Phase:	
Disabled					X	Cabin	et:			Slide:			
Senior Freez	ze				X		1		l		•		
Imp: 0.00	Item:												
Const year:	0	Grnd Flr Pe	rim:	0									
Stories:		Total Sq. Ft	.:	0									

Parcel Size:	6.07						
Size Indicator:	Acres	res					
Tax Area Code:	806 (Rates current as of 2013)						
Use Code:	004						
Land Legal Class:	ss: 02RL - Vacant Land / Non-Profit Imp						
Impr. Legal Class:							
Full Cash Value (FCV):	\$5,894.00	% COMPARABLE PROPERTIES					
Limited Value (LPV):	\$4,451.00						
Real Property Ratio:							
Assessed FCV:	\$884.00						
Assessed LPV: \$668.00							
Attached Personal Prope	erty: No Personal Property Listed						

<sup>\*</sup>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.

Parcel Det	ails (306-14-0	01A)					open 📳
				bed in the Arizona Rev please refer to the Tre			
		<b>%</b> <u>C</u>	Compara	<u>ble Properties</u> 🗞 L	ink to This	Parcel	Print View
Parcel Number	306-14-001A sho	ows the fo	ollowir	ng information for	Tax Yea	r: 2017 ▼	Tax Year Chart
Parcel Number:	306-14-001A ( <u>T</u> <u>Information</u> )	axing		Primary Owners	SWIFT C	CURRENT	LAND & CATTLE
	ownship: 08S	Range:		Name 2:			
Atlas Number:	- Map:	<u>View Par</u> <u>Map</u>	<u>rcel</u>	In C/O:			
Property Descri	ption: (What is t	his?)		Tax Bill Mailing	Address		
	5-17E LYING E OF			Address:	РО ВОХ	1944	
E4 COR SEC 19 TH W-416.82 TO POB TH N 24D 47' 06" W-2253.96 TO END OF LINE EXC E-			4D	City:	SUPERIO	)R	
1055.57 OF N-10	0, 57.58 AC			State:	AZ		
				Zip Code:	85173		
Date of Sale:	3/26/2004			Property Addres	ss (Locati	on):	
Sale Amount:	\$3,500,000.00						
Document(s):				Subdivision:			
2004-021434				Unit: Bloc	k: L	ot:	Phase:
		Yes	No	Cabinet:	SI	ide:	
Widow			Χ				
Widower			X				
Disabled			Χ				
Senior Freeze			X				
Imp: 0.00 It	em:						
Const year: 0	Grnd Flr Pe	rim: 0					
Stories:	Total Sq. Ft	.: 0					
Parcel Size:	57.58						

Size Indicator:	Acres							
Tax Area Code:	0802	802 (Rates current as of 2013)						
Use Code:	0004	0004						
Land Legal Class:	02RL	D2RL - Vacant Land / Non-Profit Imp						
Impr. Legal Class:								
Full Cash Value (FCV):	\$44,1	35.00	% COMPARABLE PROPERTIES					
Limited Value (LPV):	\$33,3	29.00						
Real Property Ratio:								
Assessed FCV:	\$6,62	0.00						
Assessed LPV:	\$4,999.00							
Attached Personal Property: No Personal Property Listed								

Search F	Result	s (1 Entries)						open 🞩
Parcel D	etails	(306-14-001B)	)					open 🞩
		ns are subject to cha s data. For updated/c						changes in value may ebsite.
			% Compara	able Properties	% ∟	ink to This	Parcel	占 Print View
Parcel Numbe	er 306-	-14-001B shows	the followi	ng informat	ion for	Tax Yea	r: 201	7 ▼ Tax Year Chart
Parcel Numb	er: 30	06-14-001B ( <u>Taxing</u> ormation)	9	Primary (	Owner:	BENNY	CLARK	
Section: 19			nge: 17E	Name 2:				
Atlas Number	r: -	Map: Vie	ew Parcel	In C/O:				
Property Des	criptio	on: (What is this?)		Tax Bill M	1ailing	Address		
E-1055.57 OF N-100 E2 NE SEC 19-8S-17E, 2.42			Address: PO I			O BOX 145		
AC				City:		MAMMC	TH	
				State:		AZ		
				Zip Code:		85618		
Date of Sale:	1/3	31/2012		Property	Addres	s (Locat	ion):	
Sale Amount:	: \$1	0.00						
Document(s)	:			Subdivisi	on:			
2012-007458				Unit:	Bloc	k:	Lot:	Phase:
		Yes	No	Cabinet:		S	lide:	
Widow			X					
Widower			Х					
Disabled			Χ					
Senior Freez	ze		X					
Imp: 0.00	Item:							
Const year:	0	Grnd Flr Perim:	0					
Stories:		Total Sq. Ft.:	0					

Parcel Size:	2.42							
Size Indicator:	Acres	res						
Tax Area Code:	802 (Rates current as of 2013)							
Use Code:	004							
Land Legal Class:	al Class: 02RL - Vacant Land / Non-Profit Imp							
Impr. Legal Class:								
Full Cash Value (FCV):	\$4,346.00	% COMPARABLE PROPERTIES						
Limited Value (LPV):	\$3,282.00							
Real Property Ratio:								
Assessed FCV:	\$652.00							
Assessed LPV:	\$492.00							
Attached Personal Prope	erty: No Personal Property Listed							

<sup>\*</sup>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.

_		s (1 Entries)						open 🖶
<pre>Parcel D</pre>	etails	s (306-03-0020)	)					open 👢
		ons are subject to cha s data. For updated/c						l changes in value may ebsite.
			% Compara	able Properties	<u>.</u> % ∟	ink to Th	is Parce	el 占 Print View
Parcel Numb	er 306	-03-0020 shows t	the followi	ng informat	ion for	Tax Ye	ear: 20	17 ▼ Tax Year Chart
Parcel Numb		06-03-0020 ( <u>Taxing</u> ormation)	]	Primary	Owner:	SWIFT LLC	Γ CURR	ENT LAND & CATTLE
Section: 12	Tow	nship: 08S Rar	nge: 16E	Name 2:				
Atlas Numbe	r: -	Map: Vie	ew Parcel o	In C/O:				
Property Des	scription	on: (What is this?)		Tax Bill N	1ailing	Addres	SS	
	IE & W	1/2 NE OF SEC 12-8	8S-16E	Address:		РО ВО	X 1944	
160.00 AC				City:	SUPERIOR			
				State:		AZ		
				Zip Code	•	85173		
Date of Sale	: No	ot Given		Property	Addres	ss (Loca	ation):	
Sale Amount	: No	ot Given						
Document(s)	):			Subdivisi	on:			
2004-021434				Unit:	Bloc	k:	Lot:	Phase:
		Yes	No	Cabinet:	•		Slide:	
Widow			Χ					
Widower			X					
Disabled			X					
Senior Free	ze		Х					
Imp: 0.00	Item	:						
Const year:	0	Grnd Flr Perim:	0					
Stories:		Total Sq. Ft.:	0					
L		4						

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	
4		

_		s (1 Entries)						open 💵			
Darcel D	etails	s (306-07-0050)						open 🔻			
		ons are subject to cha s data. For updated/c						l changes in value may rebsite.			
			% Compara	ible Propertie	<u>s</u> % L	ink to Th	is Parce	el 占 Print View			
Parcel Numb	er 306	-07-0050 shows t	the followin	ng informat	tion for	Tax Ye	ar: 20	17 ▼ Tax Year Chart			
Parcel Numb		06-07-0050 ( <u>Taxing</u> ormation)	1	Primary	Primary Owner: SWIFT			ent land & cattle			
Section: 21	Towi	nship: 08S Ran	ige: 17E	Name 2:							
Atlas Numbe	r: -	Map: Vie	ew Parcel D	In C/O:							
Property Des	scriptio	on: (What is this?)		Tax Bill 1	Tax Bill Mailing Address						
		SEC 21-8S-17E & V	W1/2 W1/2	Address:	PO BOX 1944						
SEC 28-8S-17	'E 280.0	JU AC		City: SUPER.			LIOR				
				State:		AZ					
				Zip Code	:	85173					
Date of Sale	Date of Sale: Not Given					Property Address (Location):					
Sale Amount											
Document(s)	:			Subdivision:							
2004-021434				Unit:	Bloc	k:	Lot:	Phase:			
		Yes	No	Cabinet:			Slide:				
Widow			Х								
Widower			X								
Disabled			Χ								
Senior Freeze X											
Imp: 0.00	Item:										
Const year:	0	Grnd Flr Perim:	0								
Stories:		Total Sq. Ft.:	0								

Parcel Size:	280.00							
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):	\$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	ı

														_	
Search	Result	s (1 En	itries	)									0	pen 👃	
Parcel [	Details	(306-0	07-00	60)									0	pen 🞩	
Previous year not be reflect														lue may	
					%	Compara	ble Prope	rties	% L	ink to T	his Parc	el	Print V	iew	
Parcel Numb	er 306	-07-006	0 sho	ws th	ne fo	ollowir	ıg inforı	matio	n for	Tax Y	ear: 2	017 ▼	Tax Year C	<u>hart</u>	
Parcel Numb		06-07-00 ormation		ixing			Prima	ry Ov	vner:	SWIF LLC	T CURR	RENT	LAND & (	CATTLE	
Section: 29	Towi	nship: 0	)8S	Rang	ge:	17E	Name	2:							
Atlas Numbe	r: 107	-29	Мар:	Viev Map	v Pa	rcel	In C/	0:							
Property Des	scription	on: (Wha	at is th				Тах В	ill Ma	iling	Addre	SS				
E1/2 & E1/2 I	NW OF	SEC 29-8	3S-17E	400.	00 A	AC	Address: PO BO				OX 1944	( 1944			
							City:			SUPE	RIOR				
							State			AZ					
							Zip Co	ode:		85173	3				
														,	
Date of Sale	: No	t Given					Prope	rty A	ddres	s (Loc	ation)	:			
Sale Amount	: No	t Given					17590 S RIVER RD								
Document(s)	Document(s):						MAMMOTH AZ 85618								
2004-021434							VIE	W MA	Р						
			,	Yes		No									
Widow						X	match	ty Addre	ing add	ers to a g dress city	or zip co	cai iod ode	cation: it ma	y not	
\\/: daa.						V	Subdi	vision	n:						
Widower						Χ	Unit:		Bloc	k:	Lot:		Phase	:	
Disabled						Χ	Cabin	et:			Slide:				
Senior Free	ze					X									
Imp: 0.00	Item:														
Const year:	0	Grnd F	Ir Per	im:	0										
Stories:		Total S	Sq. Ft.	: (	0										

Parcel Size:	400.00						
Size Indicator:	Acres	Acres					
Tax Area Code:	0806 (Rates current as of 2013)						
Use Code:	0014	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

Search R	Result	s (1 Entries)						open 👢
Parcel D	etails	(306-07-0080)	)					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.								
			% Comparat	ole Propertie	<u>s</u> % L	ink to Thi	s Parce	l 占 Print View
Parcel Numbe	r 306-	-07-0080 shows t	the followin	g informat	tion for	Tax Ye	ar: 20	17 ▼ Tax Year Chart
Parcel Number: 306-07-0080 (Taxing Information)  Primary Owner: SWIFT CURRENT LAI						ENT LAND & CATTLE		
Section: 32	Town	nship: 08S Rar	nge: 17E	Name 2:				
Atlas Number	·: -	Map: Vie	ew Parcel o	In C/O:				
Property Des	criptio	on: (What is this?)		Tax Bill I	Mailing	Addres	S	
N1/2 NE & SE	NE 120	0.00 AC		Address:		PO BO	X 1944	
				City:		SUPER	IOR	
				State:		AZ		
				Zip Code	:	85173		
Date of Sale:	No	t Given		Property	Addres	s (Loca	tion):	
Sale Amount:	No	t Given						
Document(s)	:			Subdivisi	on:			
2004-021434				Unit:	Bloc	k:	Lot:	Phase:
		Yes	No	Cabinet:		9	Slide:	
Widow			X					
Widower			×					
Disabled			X					
Senior Freez	e		X					
Imp: 0.00	Item:							
Const year:	0	Grnd Flr Perim:	0					
Stories:		Total Sq. Ft.:	0					

Parcel Size:	120.00						
Size Indicator:	Acres						
Tax Area Code:	0803 (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):	\$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

Search Re	sults (1 Entries)						open 🞩
Parcel Det	ails (306-09-0030)	)					open 🞩
	uations are subject to chan this data. For updated/c						
		% Compara	ble Properties	<b>ඉ</b> ∟	ink to Thi	s Parcel	Print View
Parcel Number	306-09-0030 shows	the followin	g informati	on for	Tax Yea	ar: 2017	Tax Year Chart
Parcel Number	306-09-0030 ( <u>Taxing</u> Information)	]	Primary C	)wner:	SWIFT LLC	CURRENT	LAND & CATTLE
		nge: 17E	Name 2:				
Atlas Number:	- Map: Vie	ew Parcel p	In C/O:				
Property Descr	iption: (What is this?)		Tax Bill M	ailing	Address	3	
	/2 SW & SW SE SEC 7	-8S-17E	Address:		РО ВОХ	( 1944	
240.00 AC			City: SUPERI		IOR		
			State:		AZ		
			Zip Code:		85173		
Date of Sale:	Not Given		Property A	Addres	s (Locat	tion):	
Sale Amount:	Not Given						
Document(s):			Subdivisio	n:			
2004-021434			Unit:	Bloc	k:	Lot:	Phase:
	Yes	No	Cabinet:		S	Slide:	
Widow		Х					
Widower		Х					
Disabled		X					
Senior Freeze		X					
Imp: 0.00 It	em:						
Const year: 0	Grnd Flr Perim:	0					
Stories:	Total Sq. Ft.:	0					

Parcel Size:	240.00						
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):	\$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

Search R	lesult	s (1 Entries)						open 🞩
Parcel D	etails	(306-25-0010)	)					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 Somparable Print View  Som							
Parcel Numbe	r 306-	-25-0010 shows t	the followin	g informa	tion for	Tax Ye	ar: 20	17 ▼ Tax Year Chart
Parcel Number: 306-25-0010 ( <u>Taxing</u> Information) Primary Owner: SWIFT CURRENT LAND 8						ENT LAND & CATTLE		
Section: 33	Town	nship: 08S Ran	nge: 17E	Name 2:				
Atlas Number	·:	Map: Vie	ew Parcel O	In C/O:				
Property Des	criptio	on: (What is this?)		Tax Bill	Mailing	Addres	S	
	N2 NE SE & SE SW & N2 SW & W2 NW & NE NW			Address:		PO BO	X 1944	
& N2 NE & SE NE 380AC				City: SUPERI		IOR	OR	
				State:		AZ		
				Zip Code	:	85173		
Date of Sale:	No	t Given		Property	Addres	s (Loca	tion):	
Sale Amount:	No	t Given						
Document(s)	:			Subdivis	ion:			
2004-021434				Unit:	Bloc	k:	Lot:	Phase:
		Yes	No	Cabinet:		9	Slide:	
Widow			X					
Widower			X					
Disabled			X					
Senior Freez	e		Х					
Imp: 0.00	Item:							
Const year:	0	Grnd Flr Perim:	0					
Stories:		Total Sq. Ft.:	0					

Parcel Size:	380.00						
Size Indicator:	Acres	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):	\$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

Search F	Result	s (1 Entries)						open 🖶
Parcel D	etails	(306-25-0060	)					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.								
			% Compara	ble Properties	<u>ფ</u> ∟	ink to Thi	s Parcel	占 Print View
Parcel Numbe	er 306-	25-0060 shows	the followin	g informat	ion for	Tax Yea	ar: 2017	▼ Tax Year Chart
Parcel Numb	er: 30	06-25-0060 ( <u>Taxin</u> ormation)	<b>g</b>	Primary (	Owner:	SWIFT LLC	CURREN	T LAND & CATTLE
Section: 33			nge: 17E	Name 2:				
Atlas Numbe	r: -	Map: Vie	ew Parcel p	In C/O:				
Property Des	criptic	on: (What is this?)		Tax Bill M	lailing	Address	5	
SW SW 40AC				Address:		РО ВОХ	〈 1944	
				City:		SUPERI	IOR	
				State:		AZ		
				Zip Code:		85173		
Date of Sale	No	t Given		Property	Addres	s (Loca	tion):	
Sale Amount	: No	t Given						
Document(s)	:			Subdivisi	on:			
2004-021434				Unit:	Bloc	k:	Lot:	Phase:
		Yes	No	Cabinet:		S	Slide:	
Widow			Х					
Widower			Х					
Disabled			X					
Senior Free:	ze		X					
Imp: 0.00	Item:							
Const year:	0	Grnd Flr Perim:	0					
-	U							
Stories:		Total Sq. Ft.:	0					

Parcel Size:	40.00				
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):	\$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

Search R	esult	s (1 Entries)						open 🖶
Darcel D	etails	(306-33-0090)	)					open 🖶
		ns are subject to cha data. For updated/c						
			% Compara	ble Properties	% L	ink to Thi	s Parcel	Print View
Parcel Numbe	r 306-	33-0090 shows t	the followir	ng informat	ion for	Tax Yea	ar: 2017	▼ Tax Year Chart
Parcel Numbe	er: 30	6-33-0090 ( <u>Taxing</u> ormation)	1	Primary (	Owner:	SWIFT LLC	CURREN	T LAND & CATTLE
Section: 18			nge: 17E	Name 2:				
Atlas Number	: -	Map: Vie	ew Parcel	In C/O:				
Property Des	criptio	n: (What is this?)		Tax Bill N	1ailing	Address	5	
		NG N & W OF HW	Y 177 R/W	Address:		РО ВОХ	( 1944	
SEC 18-8S-17E	30.00	TAC + UR -		City:		SUPERI	OR	
				State:		AZ		
				Zip Code:		85173		
				7.				
Date of Sale:	No	t Given		Property	Addres	s (Locat	tion):	
Sale Amount:	No	t Given						
Document(s):	:			Subdivisi	on:	-		
2004-021434				Unit:	Bloc	k:	Lot:	Phase:
		Yes	No	Cabinet:		S	Slide:	
Widow			X					
Widower			Х					
Disabled			X					
Senior Freez	e		X					
Imp: 0.00	Item:							
Const year:	0	Grnd Flr Perim:	0					
Stories:		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

Search R	Result	s (1 Entries)						open 👃
Parcel D	etails	(306-33-0100)	)					open 👢
		ns are subject to chas data. For updated/c						changes in value may bsite.
			% Compara	ble Properties	% L	ink to Th	is Parcel	占 Print View
Parcel Numbe	er 306-	-33-0100 shows	the followin	g informat	ion for	Tax Ye	ar: 201	7 ▼ <u>Tax Year Chart</u>
Parcel Number	er: 30	06-33-0100 ( <u>Taxing</u> ormation)	<u>g</u>	Primary (	Owner:	SWIFT LLC	CURRE	NT LAND & CATTLE
Section: 18			nge: 17E	Name 2:				
Atlas Number	-: -	Map: Vie	ew Parcel p	In C/O:				
Property Des	criptio	on: (What is this?)		Tax Bill M	1ailing	Addres	S	
		F SEC 18-8S-17E		Address:		PO BO	X 1944	
		R/W LINE EXC FO -8S-17E 104.00 AC		City:		SUPER	IOR	
				State:		AZ		
				Zip Code:		85173		
Date of Sale:	No	t Given		Property	Addres	s (Loca	ition):	
Sale Amount:	No	t Given						
Document(s)	:			Subdivisi	on:			
2004-021434				Unit:	Bloc	k:	Lot:	Phase:
		Yes	No	Cabinet:		!	Slide:	
Widow			Χ					
Widower			Χ					
Disabled			Х					
Senior Freez	e		X					
Imp: 0.00	Item:							
Const year:	0	Grnd Flr Perim:	0					
Stories:		Total Sq. Ft.:	0					

Parcel Size:	104.00				
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):	\$107,047.00	<b>S</b> 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

Search F	Result	s (1 Entries)						open 📳
Parcel D	etails	(307-05-0020)	)					open 📳
		ns are subject to chas data. For updated/o						nanges in value may site.
			% Compara	ble Properties	% ∟	ink to Thi	s Parcel	占 Print View
Parcel Numbe	er 307-	-05-0020 shows	the followin	g informat	ion for	Tax Yea	ar: 2017	▼ Tax Year Chart
Parcel Numb	er: 30	07-05-0020 ( <u>Taxing</u> ormation)	9	Primary (	Owner:	SWIFT LLC	CURREN	T LAND & CATTLE
Section: 03			nge: 17E	Name 2:				
Atlas Number	r: -	Map: Vie	ew Parcel p	In C/O:				
Property Des	criptic	on: (What is this?)		Tax Bill M	1ailing	Address	5	
SW SW 40AC				Address:		PO BOX	〈 1944	
				City:		SUPER	IOR	
				State:		AZ		
				Zip Code:		85173		
Date of Sale:	3/2	26/2004		Property	Addres	s (Loca	tion):	
Sale Amount	: \$3	,500,000.00						
Document(s)	:			Subdivisi	on:			
2004-021434				Unit:	Bloc	k:	Lot:	Phase:
		Yes	No	Cabinet:		5	Slide:	
Widow			X					
Widower			X					
Disabled			X					
Senior Freez	ze		X					
Imm. 0.00	Thomas							
Imp: 0.00	Item:							
Const year:	0	Grnd Flr Perim:						
Stories:		Total Sq. Ft.:	0					

Parcel Size:	40.00					
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):	\$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

Search Re	sults (1 Entries)						open 🞩
Parcel Det	ails (307-05-0040)	)					open 🞩
	uations are subject to change the change in this data. For updated/o						
		% Comparal	ole Properties	% ∟	ink to This	s Parcel	Print View
Parcel Number	307-05-0040 shows	the followin	g informati	ion for	Tax Yea	ar: 2017	Tax Year Chart
Parcel Number	307-05-0040 ( <u>Taxing</u> Information)	g	Primary (	Owner:	SWIFT LLC	CURRENT	LAND & CATTLE
		nge: 17E	Name 2:				
Atlas Number:	- Map: Vie	ew Parcel p	In C/O:				
Property Descr	iption: (What is this?)		Tax Bill M	lailing	Address	;	
E2 NW			Address:		РО ВОХ	1944	
			City:		SUPERI	OR	
			State:		AZ		
			Zip Code:		85173		
Date of Sale:	3/26/2004		Property	Addres	s (Locat	ion):	
Sale Amount:	\$3,500,000.00						
Document(s):			Subdivisio	on:			
2004-021434			Unit:	Bloc	k:	Lot:	Phase:
	Yes	. No	Cabinet:		S	lide:	
Widow		Х					
Widower		Х					
Disabled		Х					
Senior Freeze		X					
Imp: 0.00 It	em:						
Const year: 0	Grnd Flr Perim:	: 0					
Stories:	Total Sq. Ft.:	0					

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

Search F					open 📳			
Parcel D					open 📳			
		ns are subject to cha s data. For updated/c						
			% Compara	ble Properties	% L	ink to Thi	s Parcel	占 Print View
Parcel Numbe	er 307-	-05-0050 shows t	the followin	g informat	ion for	Tax Yea	ar: 2017	▼ Tax Year Chart
Parcel Numb	er: 30	07-05-0050 ( <u>Taxing</u> ormation)	]	Primary (	Owner:	SWIFT LLC	CURREN	T LAND & CATTLE
Section: 04			nge: 17E	Name 2:				
Atlas Numbe	r: -	Map: Vie	ew Parcel	In C/O:				
Property Des	criptic	on: (What is this?)		Tax Bill M	1ailing	Address	5	
SW NW & LOT	Г 4 80.5	52AC		Address:		PO BOX	( 1944	
				City: SUPERIO		IOR		
				State:		AZ		
				Zip Code:		85173		
Date of Sale:	3/2	26/2004		Property	Addres	s (Loca	tion):	
Sale Amount	: \$3	,500,000.00						
Document(s)	:			Subdivision:				
2004-021434				Unit:	Bloc	k:	Lot:	Phase:
		Yes	No	Cabinet:		S	Slide:	
Widow			Х					
Widower			Х					
Disabled X			X					
Senior Free:	ze		X					
Imp: 0.00	Item:							
Const year:	0	   Grnd Flr Perim:	0					
Stories:	0	Total Sq. Ft.:	0					
Julies.		10141 54.11	U					

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	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

Search Results (1 Entries)								open 👃
Parcel D					open 👃			
		ns are subject to cha s data. For updated/c						
			% Compara	ble Properties	% L	ink to Thi	s Parcel	Print View
Parcel Numbe	er 307-	-05-0060 shows t	the followin	g informat	ion for	Tax Yea	ar: 2017	▼ Tax Year Chart
Parcel Numb	er: 30	07-05-0060 ( <u>Taxing</u> ormation)	]	Primary (	Owner:	SWIFT LLC	CURREN	T LAND & CATTLE
Section: 04			nge: 17E	Name 2:				
Atlas Numbe	r: -	Map: Vie	ew Parcel	In C/O:				
Property Des	criptic	on: (What is this?)		Tax Bill M	1ailing	Address	5	
SW & W2 NW	SE & S	SW SE 220AC		Address:		PO BOX	( 1944	
				City: SUPERIO		IOR		
				State:		AZ		
				Zip Code:		85173		
Date of Sale	: 3/2	26/2004		Property	Addres	s (Loca	tion):	
Sale Amount	: \$3	,500,000.00						
Document(s)	:			Subdivision:				
2004-021434				Unit:	Bloc	k:	Lot:	Phase:
		Yes	No	Cabinet:		S	Slide:	
Widow			Х					
Widower			X					
Disabled			Х					
Senior Free:	ze		X					
Imp: 0.00	Item:							
Const year:	0	   Grnd Flr Perim:	0					
Stories:	0	Total Sq. Ft.:	0					
Julies.		10141 54.11	U					

Parcel Size:	220.00				
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):	\$321,200.00 <u>S COMPARABLE PROPERTIES</u>				
Limited Value (LPV):	\$242,550.00				
Real Property Ratio:					
Assessed FCV:	\$48,180.00				
Assessed LPV:	\$36,383.00				

Attached Personal Property:	No Personal Property Listed

# APPENDIX I BLM H-2000-01 Pre-Acquisition Environmental Site Assessments Checklist

#### Appendix 1. Blank PALS Forms

### Instructions for Completion of Required Documentation for a Pre-Acquisition Liability Survey (PALS)

#### Introduction.

The land acquisition screening process is required for all proposed real property acquisitions and is used to determine whether there may be any hazardous substances, petroleum products, or other environmental problems on the real property. The purpose of the process is to help ensure that the BLM does not unknowingly acquire contaminated property and also to limit exposure to environmental liability.

Below are the recommended steps for completing the documentation:

Step	Document	Section	By	Submit To
1	Cover Sheet	Section 1 - Property	RS	AEP/EP
		Description		
2	Worksheet 1: Records.	All	AEP/EP	EP
3	Worksheet 2: Questionnaire for	All	AEP/EP	EP
	Interview.			
4	Worksheet 3: Visual Inspection of the	All	AEP/EP	EP
	Property and of Adjoining Property.			
5	Worksheet 4: Solid Waste, Physical	All	AEP/EP	EP
	Hazards, and Non-Scope Issues.			
6	Cover Sheet	Section 2 - Prepared By	AEP/EP	EP
7	AAI Results	All	EP	Manager
	Worksheet No. 1	All		_
	Worksheet No. 2	All		
	Worksheet No. 3	All		
	Worksheet No. 4	All		
	Cover Sheet	Section 3-AAI		
		Conclusions		
8	Cover Sheet	Section 4 - Approved	Authorized	RS
		Ву	Officer	

RS=Realty Specialist

AEP=Assistant Environmental Professional

EP=Environmental Professional

For Completion of Required Documentation For a Pre-Acquisition Liability Survey (PALS)

The worksheets are intended to assist with completion of the land acquisition screening process. They are useful guides, but are not all inclusive, and are intended to allow the BLM to meet all the requirements for the CERCLA defenses. Not all questions may be applicable for the property. All questions noted as incomplete data gaps, or not applicable, must be documented and reviewed by the EP.

The Realty Specialist (RS), Assistant Environmental Professional (AEP) and Environmental Professional (EP) will work together to complete all work on the proposed acquisition. The EP can exercise independent judgment and discretion to complete all work associated with the acquisition documentation to complete the requirements for the Results of Inquiries by an EP. The EP can also complete all work without the use of an AEP.

Instructions for completing the documentation are provided in the following sections.

#### Instructions for Completion of the Cover Sheet.

**Section 1 - Property Description:** This section will be completed by the RS responsible for the acquisition project. This person does not have to be the AEP.

**Section 2 - Prepared By:** This section will be signed by the AEP when any of the work was performed under the responsible charge of the EP. If all work was performed by the EP, the EP only needs to sign in Section 3.

**Section 3 – AAI Conclusions:** This section will be completed by the EP who reviewed documentation and completed the AAI Results Form. The EP will provide a conclusion related to the suitability of the property for acquisition. In addition, the EP will make recommendations about solid waste, physical hazards, or non-scope issues that affect the subject property as described on Worksheet No. 4.

**Section 4 - Approval**: The Authorized Officer with the appropriate Approval Authority as described in BLM Manual 1203 – Delegation of Authority, will sign and approve the PALS. If desired, the office may have multiple approvals as long as the final approval is within the requirements of BLM Manual 1203.

**Attachments:** The EP will attach all documentation for the acquisition that supports the conclusions as part of the package submitted to the manager for signature.

For Completion of Required Documentation For a Pre-Acquisition Liability Survey (PALS)

#### Instructions for All Appropriate Inquiries (AAI) Results.

#### General.

This form will be completed and signed only the EP. At the beginning of the AAI for the acquisition project, the EP and AEP will need to decide who will complete Worksheets No. 1 through No. 4. After the work is completed, all worksheets are given to the EP who will review. The EP will use the AAI form to summarize opinions, data gaps, and other information leading to the conclusions.

As part of this process, it is important to understand this is a PALS to be completed on property where there is little likelihood the property has been impacted by hazardous substances and/or petroleum products. At any time in the process, a concern is identified, it must be brought to the attention of the EP who will decide if the PALS is appropriate or a higher level of investigation is needed.

The EP will review completed Worksheets No. 1 through No. 4 to determine if conditions indicative of releases or threatened releases of hazardous substances and/or petroleum products on, at, or to the subject property have occurred.

#### **Section 1: Document Review.**

The EP will complete Section 1 by reviewing Worksheet No. 1-4 and listing who prepared each worksheet, title of preparer, and date the each worksheet was completed. The EP will comment on the contents of the worksheets that support the opinions and data gaps described in Section 2 and 3 of this form.

#### Section 2: Opinions formed by the EP based on document review.

Using information provided on completed Worksheets No. 1-4 and knowledge of the subject property, the EP will offer an opinion if work has identified conditions indicative of releases of hazardous substances and/or petroleum products on, at, or to the subject property. If any have been identified, they must be described.

#### Section 3: Data Gaps identified by the EP during document review.

Using information provided on completed Worksheets No. 1-4 and knowledge of the subject property, the EP will determine if any data gaps exist that affect the ability of the EP to identify conditions indicative of releases of hazardous substances and/or petroleum products on, at, or to the subject property. If any have been identified, they must be described along with the significance of the data gaps in allowing the EP to form an opinion in Section 2.

For Completion of Required Documentation For a Pre-Acquisition Liability Survey (PALS)

#### Section 4: Additional Comments by EP about the property.

This section can be utilized to make additional comments that in the professional judgment of the EP, may impact the property. Issues identified on Worksheet No. 4 will also be addressed in this section.

#### Section 5: All Appropriate Inquiries (AAI) Conclusions.

Based on records search, interviews, site visitation, and other inquiries completed on the subject property reviewed by the EP, the EP will then provide a conclusion related to the suitability of the property for acquisition. The EP may provide comments on the conclusions if desired. This conclusion will be carried over to the cover sheet.

#### Section 6: Qualifications.

The EP signature will constitute meeting the requirements of 40 CFR part 312.2(d).

#### Instructions for Worksheet No. 1 Records.

#### General.

Worksheet No. 1 may be completed by the AEP under the responsible charge of the EP. As previously discussed, the AEP and EP will discuss who and how the information on the worksheets is to be obtained and documented.

Records to be reviewed include historical sources, environmental cleanup liens, and Federal, state, tribal, and local government records. It is not the intent of these instructions to provide detailed methods for determining sources of records as they will vary from state to state.

It is important to document all records reviewed to allow the EP to develop opinions, identify data gaps, and provide recommendations.

#### Part 1: Historical Sources.

As a minimum, the most recent aerial photograph must be reviewed. If the aerial photograph and other research indicate there have never been human-caused environmental impacts on the property, this may be adequate. Aerial photographs must be reviewed until that point in time can be identified.

The RS will provide a preliminary title report which will list the current owner(s) and encumbrances on the property that may indicate current and past uses of the site. The EP will exercise professional judgment concerning and determining the extent of inquiries into the historical sources of information.

For Completion of Required Documentation For a Pre-Acquisition Liability Survey (PALS)

USGS topographic maps can also be utilized to obtain information.

Review of zoning and land use records will also provide information related to past uses on the site.

Other records that provide information include the real property appraisal, newspaper articles, internet sites, and similar sources.

#### Part 2: Environmental Cleanup Liens.

If a Federal or state regulator has filed any environmental cleanup or activity use limitations on the subject property, these must be listed on the preliminary title report. For isolated properties, this absence of liens and/or limitations on the report will be adequate.

#### Part 3: Review of Federal, State, Tribal, and local government record.

Records on the worksheet identified as EPA for a source can be accessed via the Federal Environmental Protection Agency website (<a href="http://www.epa.gov/">http://www.epa.gov/</a>). The database search is generally done by zip code.

Some State Department of Environmental Quality (DEQ) records are now available online as well. The EP can provide assistance on what records are available and how they can be accessed. Perhaps the easiest way to make the first contact is simply search for the name of the state regulator. For example, a search for DEQ may provide listings for several states that have a DEQ. Once into the appropriate state site, there will be links to available data bases.

Landfill records may or may not be available through a state records search as they may be at a local level.

A useful tool to determine if records for a certain address may impact the subject property is the map search feature available through some internet providers.

It is also important to recognize there is often one more record than you counted on being present. A knowledge of the area of the subject property and the surrounding area property is very important to assist in determining which records should be reviewed.

#### Part 4: Attached or Summarized Records.

If any record is found that indicates the subject property has been or could be impacted by hazardous substances and/or petroleum products, the records (or a summary) must be attached and briefly described on the worksheet in sufficient detail to allow the EP to develop an opinion, identify data gaps, and provide conclusions.

For Completion of Required Documentation For a Pre-Acquisition Liability Survey (PALS)

# Instructions for Worksheet No. 2 Questionnaire for Interview with Past and Present Owners, Operators, and Occupants.

This type of property generally will not have improvements or past uses that indicate the property has been impacted by hazardous substances and/or petroleum products. Because of this, the interview may be limited to the current owner and possibly a past owner. The questions are intended as a guide. The EP or AEP may adjust the questions as necessary depending upon the subject property.

It is suggested the questionnaire be mailed to the person(s) to be interviewed. The EP/AEP may use the returned information as a basis for oral interviews, if conducted. Information provided in interviews must be verified during records search and visual inspection to the maximum extent possible.

Interviews may be conducted via phone, in writing, in person, or any combination thereof. The completed records search may provide information about current and past uses that would indicate an emphasis on what questions may be asked of the person(s) to be interviewed. If the current landowner is willing, it is helpful if the owner or person to be interviewed is present during the site inspection. After the visual inspection of the property is completed, it may be necessary to conduct additional interviews to obtain clarification about known or potential concerns found on the subject property.

If any information is found during the interview(s) that indicates the subject property has been or could be impacted by hazardous substances and/or petroleum products, the information must be documented in sufficient detail to allow the EP to develop an opinion, identify data gaps, and provide conclusions.

# Instructions for Worksheet No. 3 Visual Inspection of the Property and of Adjoining Properties.

Written permission to enter must be obtained from the current property owner (subject property and adjacent property) prior to entry for the visual inspection. The permission to enter letter must be carried during the visit.

A visual inspection will be conducted as specified by the EP. It may be conducted by the AEP if under the responsible charge of the EP. In some cases, it may be necessary to include subject matter specialists such as safety officers, geologists, engineers, or others as needed. In addition, in some situations, it may be necessary to be accompanied by law enforcement. All members of the inspection team will be listed on the worksheet.

The date and time of the inspection(s) will be provided. Weather conditions during the inspection will also be documented.

For Completion of Required Documentation For a Pre-Acquisition Liability Survey (PALS)

A site inspection strategy will be developed prior to the site inspection and documented on the worksheet. The strategy will describe the methodology used to inspect the subject property and adjoining property and any areas not inspected and why they were not inspected. During the inspection of the subject property and adjoining properties, photographs will be taken and a photo log prepared that is referenced on the worksheet questions. Limitations such as deep snow, lush vegetation, locked gates, or similar items that prevent access to a site or limit the ability to visually observe conditions at the site will be documented.

The individual responsible for the inspection will sign and date the worksheet.

If any conditions are observed during the visual inspection that indicates the subject property has been or could be impacted by hazardous substances and/or petroleum products, leave the area immediately. Contact the EP for assistance for completing additional inspections. The EP will determine the appropriate course of action before proceeding. The information must be documented in sufficient detail as appropriate to allow the EP to develop an opinion, identify data gaps, and provide conclusions.

#### Instructions for Worksheet No. 4 Solid Waste, Physical Hazards and Non-Scope Issues

Health and safety is a prime consideration and the first priority. Do not put yourself at risk.

During the visual inspection of the property, physical hazards and non-scope issues will be described, locations identified, and photographs taken of each of the items.

The EP will then make recommendations as what should be done with the conditions prior to acquisition. For example, solid waste should be removed by the current property owner prior to acquisition.

The EP may utilize other specialists to develop conclusions and document them on AAI Results and the Cover Sheet.

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

### **Cover Sheet**

Pre-Acquisition Liability Survey (PALS)
Pre-Acquisition Environmental Site Assessment (ESA)

<b>Section 1: Property Description</b>	Serial Number:	
Property/Name: Lower San Pedro		
Location/Legal Description/Tax Lo	No.: The Pinal County Assessor Parcel Numbers are listed in the table above	e.
Owner: Resolution Copper	520 689 9374	
Name	Phone Number	
Type and Purpose of Acquisition: Current Use: Undeveloped, open space	).	
Use after Acquisition:		
<ul> <li>□ Preliminary Title Report</li> <li>□ Chain of Title Documents if neo</li> <li>□ Permission to Enter Letter</li> <li>□ Site Map</li> </ul>	f more are needed they will be obtained by the AEP/EP when	
Printed Name:	Title:	
Signature:	Date:	
Section 2: If Prepared by an Ass PALS under the responsible charge	stant Environmental Professional: I have conducted portions of this of an Environmental Professional.	
Printed Name: Samantha Blonder	Title: Assistant Environmental Professional	
Signature: Samantha Blonder	Date: 4/16/2025	

45

### **Cover Sheet**

# Pre-Acquisition Liability Survey (PALS) Pre-Acquisition Environmental Site Assessment (ESA)

**Section 3: AAI Conclusions.** As an Environmental Professional, I have reviewed and/or prepared the attached documentation associated with this acquisition and have reached the following conclusion:

✓	This Pre-Acquisition Liability Survey has revealed no evidence of hazardous substances, petroleum products, or environmental conditions on this real property. No further inquiry is needed for purposes of all appropriate inquiries; therefore, this property is suitable for acquisition.								
	This Pre-Acquisition Liability Survey has revealed evidence of hazardous substances, petroleum products, or environmental conditions in connection with this real property; therefore, this property is not suitable for acquisition.								
	☐ This Pre-Acquisition Liability Survey has revealed evidence of hazardous substances, petroleum products, or environmental conditions in connection with this real property; therefore, <u>a Phase I Environmental Site Assessment is recommended</u> .								
proc port	This Pre-Acquisition Liability Survey has revealed evidence of hazardous substances, petroleum ducts, or environmental conditions in connection with this real property. Therefore, <u>only the following ions are suitable for acquisition</u> : (describe). <u>The following portions are not suitable for acquisition and be excluded</u> : (describe).								
	litional recommendations for issues identified on Worksheet No. 4: Solid Waste, Physical Hazards, and a-Scope Issues, are as follows:								
N/A									
Prin	tted Name: Samantha BlonderTitle: Assistant Environmental								
Sign	nature: Samantha Blonder Date: Professional								
If no	one of the PALS was prepared by an AEP, the EP will sign in Section 3.								

<u>Cover Sheet</u> Pre-Acquisition Liability Survey (PALS) **Pre-Acquisition Environmental Site Assessment (ESA)** 

Section 4: Approval. I concur with the conclusion in Section 3.

Pri	nted Na	me:Title:
Sig	gnature:	Date:
	✓ A ✓ ✓ ✓	Il Appropriate Inquiries (AAI) Results Worksheet No. 1: Records Worksheet No. 2: Interviews Worksheet No. 3: Visual Inspection of the Facility and Adjoining Properties Worksheet No. 4: Solid Waste, Physical Hazards, and Non-Scope Issues Aerial Photograph(s) Site Photographs

### **All Appropriate Inquires (AAI) Results**

Pre-Acquisition Liability Survey (PALS)

#### Section 1: Document Review § 312.21.

The following are the results of the inquiry to identify conditions indicative of releases or threatened releases, as defined in CERCLA section 101(22), of hazardous substances defined in CERCLA section 101(14); and, petroleum products excluded from the definition of "hazardous substance" as defined in CERCLA section 101(14). I have reviewed and/or prepared the following information:

Info	Document Name	Prepared By	Title	Date	Comments by EP*
	All Appropriate Inquiries (AAI) Results	Samantha Blonder	EP	4/16/2025	Complete.
WS No. 1	Records	Samantha Blonder	EP AEP	2/21/2025	Environmental Database Research, Inc. None found.
WS No. 2	Interviews	Diana Sandoval	EP D AEP	3/18/2025	User/Owner complete. BLM pending.
WS No. 3	Visual Inspection of the Facility and Adjoining Properties	Christopher Rife	□ EP □ AEP	3/10/2025	Complete. This assessment has revealed no evidence of REC is connections with the Property except:  Phoenix Fuel (River Road and SR77) record would be considered a historical REC. The Town of Mammoth Cielo WWTP is considered a controlled REC.A portion of the Property was formerly cultivated from at least 1945 through the mid-1990's, would be consistent with other historic agricultural records.
WS No. 4	Solid Waste, Physical Hazards, and Non-Scope Issues	Samantha Blonder	□ EP □ AEP	4/16/2025.	land use in the vicinity.  None found.
Attach ment	Site Map(s)	Samantha Blonder	□ EP □ AEP	4/16/2025.	Complete.
Attach ment	Most recent aerial photograph and site photographs	Samantha Blonder	□ EP □ AEP	4/16/2025.	Complete.

<sup>\*</sup> In this column, for WS No. 1-3, the environmental professional will address conclusions that form the Opinion in Section 2 and the Data Gaps in Section 3. The EP will analyze and prepare recommendations for Solid Waste, Physical Hazards, and Non-Scope Issues identified on WS No. 4. The EP will also review maps, aerial photographs, and site photographs and comment.

# All Appropriate Inquires (AAI) Results Pre-Acquisition Liability Survey (PALS)

#### Section 2: Opinions formed by the EP based on document review § 312.21(c)(1).

<u>IN∶</u>		OPIN not	ION, this inquiry: identified conditions indicative of releases or threatened releases of hazardous substances and/or petroleum products on, at, in, or to the subject property; or,
	nas		
	Ι	Descri	be: Historical RECs may be present.
	_		
<u> </u>	4.	2 D	4 C 11 (10 11 TD 1 1 1 4 1 0 040 04( )/0)
Sec	tion	3: Da	ata Gaps identified by EP during document review § 312.21(c)(2).
<u>Info</u>		not	eveloped as part of this inquiry: identified data gaps as defined in § 312.10 that affect my ability to identify conditions indicative of releases or threatened releases of hazardous substances and/or petroleum products on, at, in, or to the subject property; or,
	nas		
	I	Descri	be:
	_		
	-		
Sec	tion	4: Ac	Iditional Comments by EP about the property.
_			
_			
_			
_			
_			

# All Appropriate Inquires (AAI) Results Pre-Acquisition Liability Survey (PALS)

#### Section 5: All Appropriate Inquiries (AAI) Conclusions H 2101-04.

As an Environmental Professional,	I have reviewed	l and/or comp	leted the attac	hed docume:	entation
associated with this acquisition and	reached the fol	lowing conclu	ision:		

Ø	This Pre-Acquisition Liability Survey has revealed no evidence of hazardous substances, petroleum products, or environmental conditions on this real property. No further inquiry is needed for purposes of all appropriate inquiries; therefore, this property is suitable for acquisition.								
	This Pre-Acquisition Liability Survey has revealed evidence of hazardous substances, petroleum products, or environmental conditions in connection with this real property; therefore, this property								
	products, or environmental conditions in connection with this real property; therefore, <u>a Phase I Environmental Site Assessment is recommended</u> .								
-	nments: s property is suitable for acquisition.								
Sec	ction 6: Qualifications §312.21(d).								
	eclare that to the best of my professional knowledge and belief, I meet the definition of Environmental fessional as defined in § 312.10 of this part and as established by BLM policy.								
nat	ave the specific qualifications based on education, training, and experience to assess a property of the ture, history, and setting of the subject property. I have developed and performed the all appropriate uires in conformance with the standards and practices of 40 CFR part 312.								
Naı	me: Samantha Blonder Title: Assistant Environmental Professional								
Sig	nature: Samantha Blonder Date: 4/16/2025								

# Worksheet No. 1 - Records Pre-Acquisition Liability Survey (PALS)

#### The following Records were reviewed:

1.	<b>Historical Sources</b> . Records we the property from hazardous su		yed as far back as necessary to establish there has been no impact on d/or petroleum products.					
			Describe past uses of the property and adjoining property:					
	Recorded Land Title Records:		chain of title records, easements, current owner, or other factors that s of the property:					
			e Property. The Warranty Deed for the Property was executed March					
		4, 2020, and recorded April 8, 2020, conveying ownership from Swift Current Land & Cattle LLC to						
	Resolution Copper Mining, a D	Delaware limi	ited liability company.					
	Zoning/Land Use Records: Generally open space.	Describe c	current land use and zoning:					
	Other		other records reviewed. Examples include appraisals, miscellaneous ernet sites, newspaper articles, etc.					
	Historical topographic maps.	-						
2	<b>Environmental Cleanup</b>	Describe e	environmental cleanup liens on the site. If none, so state.					
	Liens							
	None.							
	l .							

## Worksheet No. 1 - Records Pre-Acquisition Liability Survey (PALS)

3. Reviews of Federal, State, Tribal, and Local Government Records. The following records must be reviewed if available. Check YES if reviewed and N/A if not available. If any records are identified within the minimum search distances or may impact the subject property, the records should be attached and described in number 4

	Minimum Search Distance			
Records Reviewed*	from Property Boundary	Agency*	YES	N/A
Federal NPL site list	1 Mile	EPA	X	1 1/2 1
Federal Delisted NPL site list	0.5 Mile	EPA	X	
Federal CERCLIS List	0.5 Mile	EPA	X	
Federal CERCLIS NFRAP List	0.5 Mile	EPA	X	
Federal RCRA CORRACTS facilities list	1 Mile	EPA	X	
Federal RCRA non CORRACTS TSD	0.5 Mile	EPA	X	
facilities list	0.3 WHE	LIA		
Federal RCRA generators list	Property & adjoining property	EPA	X	
Federal Emergency Response Notification	On the Property	EPA	X	
System (ERNS) List				
State, Tribal, local lists of hazardous waste	On the Property	DEQ/Tribe/local	X	
sites identified**	1 7			
State, Tribal, local Equivalent NPL**	1 Mile	DEQ/Tribe/local	X	
State, Tribal, local Equivalent CERCLIS**	0.5 Mile	DEQ/Tribe/local	X	
State, Tribal, local landfill and/or solid	0.5 Mile	DEQ/Tribe/local	X	
waste disposal site lists**				
State, Tribal, local leaking storage (LUST	0.5 Mile	DEQ/Tribe/local	X	
& LAST) Lists**				
State, Tribal, local registered storage tank	Property & adjoining property	DEQ/Tribe/local	X	
(UST & AST) Lists**				
State, Tribal, local voluntary cleanup	0.5 Mile	DEQ/Tribe/local	X	
sites**				
Contaminated Well Records	On or adjacent to the property	DWR/DEQ	X	
State Emergency Release Reports	On or adjacent to the property	DEQ	X	

<sup>\*</sup> Records Name and Agency will vary from state to state. For the purposes of this table, EPA is the Federal Environmental Protection Agency. DEQ is the State Equivalent of the EPA. This name will vary from state to state. DWR is Division of Water Resources or state equivalent.

<sup>\*\*</sup> Indicate which record was reviewed by circling the source of the record reviewed.

# Worksheet No. 1 - Records Pre-Acquisition Liability Survey (PALS)

summary of the records in sufficient detail	For any record where the answer was YES, attach the record or a later the Environmental Professional to prepare an Opinion as to ect property. Also briefly describe the record below.
See appendix D and Section 4.1 of the report, rec	cords found on the Property.
	oras round on the respectiy.
Name: Samantha Blonder	Title: Assistant Environmental Specialist
Signature: Samantha Blonder	Date: 4/16/2025

### Worksheet No. 2 - Questionnaire for Interview

Pre-Acquisition Liability Survey (PALS)

The AAI Rule requires that interviews be conducted of the current owner and occupant of the subject property. This worksheet is intended to assist with completion of the Interview portion of the All Appropriate Inquiries land acquisition screening. While it is intended as a useful guide, it is not all inclusive and does not meet all the requirements for CERCLA defenses. If the property has multiple occupants, the inquiry of the environmental professional must include interviewing major occupants, as well as those occupants likely to use, store, treat, handle, or dispose of hazardous substances, pollutants, contaminants, petroleum and petroleum products, and controlled substances, or those occupants who have likely done so in the past. This includes interviewing one or more of the following persons:

- Current and past facility managers with relevant knowledge of uses and physical characteristics of the property
- Past owners, occupants, or operators of the subject property
- Employees of current and past occupants of the subject property

Name of person being interviewed:
Casey McKeon, Resolution Copper
(If by phone, provide phone number)
Affiliation with Subject Real Property:
Owner/Operator
(Owner/operator/caretaker/previous owner/neighbor, etc.)
Time from a officient design Carlinet Dead Dramarton
Time frame affiliated with Subject Real Property: 2020 to present.
2020 to present.
Name of person conducting interview: Diana Sandoval
Name of person conducting merview.
Signature of person conducting interview:
Title of person conducting interview: Environmental Specialist
Date(s) of interview: $\frac{3/18/2025}{}$
Note: This form may be mailed to the person(s) to be interviewed. Request a written response to the

# Worksheet No. 2 - Questionnaire for Interview Pre-Acquisition Liability Survey (PALS)

### "To the Best of Your Knowledge..."

#### A. Property Use/s

1. Is the property currently or was it previously used for an industrial or commercial use (i.e. official and unofficial shooting ranges, processing, handling, management, disposal, storage, manufacture, or
transportation of hazardous substances or petroleum products, such as a gasoline station, motor repair
facility, commercial printing facility, dry cleaners, photo developing laboratory, meth lab, junkyard,
boneyard, or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility)? If yes,
describe the activities and provide the time frame, types, location(s), and quantities of hazardous substance
use and/or storage.
Yes No Unknown
10 10 C
See interview in Appendix B.
Has there been any past, present, or permitted or planned mining activity or oil and gas
exploration/development present on the property? If yes, describe the activities and provide the time frame,
location(s), and scope of operations.
Yes No Unknown
See interview in Appendix B.
2. Has the property ever been used for agricultural, livestock, or crop purposes? If yes, describe the operations and indicate the location(s) and time frames involved.  Yes No Unknown
See interview in Appendix B.
If yes, was hazardous substance use and/or storage involved in the operations (example, pesticide/herbicide use, cattle dip vats)? If yes, describe and provide location(s) and the type, quantity, and duration of use.  Yes No Unknown
See interview in Appendix B.

3. Are there or have there been any improvements, such as old building foundations, buildings, water
towers, smokestacks, smelters, etc., on the property? If yes, describe the improvements and provide
location(s) and the date of construction and removal (if applicable).  Yes No Unknown
165 110 CHMIOWII
See interview in Appendix B.
4. Other Questions as necessary based on the records review:
See interview in Appendix B.
B. Hazardous Materials & Substances
1. Do the current operations at/on the property involve the use and storage of hazardous materials and substances? If yes, please describe the operations and indicate the location(s), type, and quantities of materials used. Describe the storage location(s) and if any chemical mixing (example, pesticide blending) operations occur. Discuss any use, storage, mixing, or disposal of chemicals, automotive or industrial batteries, pesticides, herbicides, fungicides, paints, solvents, or other on fence lines, right of ways, or other structures such as airstrips, heliports, crop duster operations, etc.  Yes No Unknown
See interview in Appendix B.
If yes, has there been a spill or release of hazardous substances, petroleum products, or other potential environmental problems on the property associated with current operations? If yes, describe the nature and location(s) of the release and the quantities and types of hazardous substances. This includes staining of soils and floors in areas utilized for the use and storage of hazardous materials.  Yes No Unknown
See interview in Appendix B.
If a spill or release of hazardous substances or petroleum products had occurred, was it reported to the National Response Center or a local or state emergency response authority? If yes, identify the agency. Yes No N/A Unknown
See interview in Appendix B.

If a spill or release of hazardous substances or petroleum products has occurred, has the release been
mitigated? If yes, describe the mitigation, identify the regulatory agency that oversaw the mitigation, and
indicate if a no-further action (NFA) determination has been issued by the lead regulatory agency.
Yes No N/A Unknown
See interview in Appendix B.
If remediation is completed, is there contamination or residual contamination present? If yes, are there any
institutional controls/land use restrictions in place or long-term monitoring and maintenance requirements?
Yes No N/A Unknown
See interview in Appendix B.
<ol> <li>Are there any past operations at the property that involved the use and storage of hazardous materials and substances? If yes, describe the operations and the location(s), types and quantities.</li> <li>Yes No Unknown</li> </ol>
See interview in Appendix B.
If yes, has there been a spill or release of hazardous substances, petroleum products, or other potential environmental problems on the property associated with past operations or tenants? If yes, describe the nature and location(s) of the release and the quantities and types of hazardous substances.  Yes No N/A Unknown
See interview in Appendix B.
If a spill or release of hazardous substances or petroleum products occurred, was it reported to the National Response Center or a local or state emergency response authority? If yes, identify the agency.  Yes No N/A Unknown
See interview in Appendix B.

If a release of hazardous substances or petroleum products occurred, was the release mitigated? If yes,
describe the mitigation, identify the regulatory agency who oversaw the mitigation, and indicate if a no-
further action (NFA) determination was been issued by the lead regulatory agency.
Yes No N/A Unknown
See interview in Appendix B.
If remediation is completed, is there still contamination or residual contamination present? If yes, are there any institutional controls/land use restrictions in place or long-term monitoring and maintenance requirements?
Yes No N/A Unknown
Continuousianusia Amanastia D
See interview in Appendix B.
structures, either buried or overhead, crossing the property? If yes, please describe and indicate the location(s), approximate date when constructed, and the identification of the owner.  Yes No Unknown
See interview in Appendix B.
If yes, are you aware of any spills or releases associated with them? If yes, please describe the spills and/or releases and indicate the date, type and quantities of materials involved.  Yes No Unknown
See interview in Appendix B.
If a spill or release has occurred, are you aware if the release has been mitigated? If yes, please indicate who conducted the mitigation and identify the regulatory agency who oversaw the mitigation. If known, indicate if a no-further action (NFA) determination was issued by the lead regulatory agency.  Yes No N/A Unknown
See interview in Appendix B.

If remediation is completed, are you aware if there is still contamination or residual contamination present? If yes, are there any institutional controls/land use restrictions in place or long-term monitoring and
maintenance requirements?
Yes No N/A Unknown
<del>_</del> <del>_</del> <del>_</del> _
See interview in Appendix B.
4. Are you aware of any hazardous substance or pollutant or contaminant spill or release, or other potential environmental problems on any adjacent or nearby properties? If yes, please describe (if known) the location(s) of the release, the type, and quantities of materials involved and the approximate dates. If known, also indicate the owner of the property where the release occurred.  Yes No Unknown
See interview in Appendix B.
See Meet to will appear 2.
If there was a release of hazardous substances or petroleum products on any adjacent or nearby properties, are you aware if the release was mitigated?  Yes No N/A Unknown
See interview in Appendix B.
Are you aware if there is contamination present or residual contamination present on adjacent and/or nearby properties that poses a threat or may pose a future threat to the subject real property? If yes, describe the threat or potential threat.  Yes No N/A Unknown
See interview in Appendix B.
Are you aware of any institutional controls/land use restrictions in place or long-term monitoring and maintenance requirements in place on adjacent or nearby properties that affect the subject real property? If yes, please describe and identify the adjacent or nearby property and the property owner.  Yes No N/A Unknown
See interview in Appendix B.

Are you aware if the site topography has been altered and/or if there are any unnatural topographic features				
present on the subject real property? If yes, please describe the topographic alterations and/or unnatural				
features. Indicate their location(s) on the subject real property and if known when the alterations				
and by whom.				
Yes No Unknown				
See interview in Appendix B.				
Has fill material ever been brought onto the property that originated from a contaminated site or that was of				
an unknown origin? If yes, describe the date and quantity of material brought to the subject real property,				
indicate when on the property the material was placed.				
Yes No Unknown				
See interview in Appendix B.				
If fill material came from a contaminated site, identify the contaminated origin site of the material and describe the contamination present.				
See interview in Appendix B.				
5. Is there any evidence of waste materials currently or previously being dumped above grade, buried, and/or burned on the property (i.e. hazardous materials, industrial waste, petroleum products, labeled/unlabeled drums or other containers, pesticide containers, household and farm debris, automotive or industrial batteries, building demolition debris, or any other waste materials)?  Yes No Unknown				
See interview in Appendix B.				
6. Are any aboveground or underground storage tanks being or have been used on the property? If yes, identify where on the property the tanks are/were located, when the tanks were installed, and the types and quantities of hazardous materials stored. If the tanks were removed, indicate when the removal took place and whether a closure certification notice was received by the lead regulatory agency.  Yes No Unknown				
See interview in Appendix B.				

If aboveground or underground storage tanks are or have been used on the property, was there ever a spill
or release of hazardous substances associated with the tank system? If yes, indicate the date and nature of
the spill or release.  Yes No Unknown
Tes NO CHKHOWH
See interview in Appendix B.
If a spill or release has occurred related to an onsite tank system, was it mitigated to the satisfaction of the lead regulatory agency? If no, describe further actions that must be undertaken to address the spill or release.  Yes No N/A Unknown
See interview in Appendix B.
See Met 716 1 In 1 Appendix 21
7. Other questions as necessary based on the records review:
See interview in Appendix B.
<ul><li>C. Water/Waste Water</li><li>1. Does the property currently or has it ever been supplied by an onsite drinking water supply well? If</li></ul>
yes, provide the location(s) of the well and date of construction.  Yes No Unknown
See interview in Appendix B.
Have contaminants ever been identified in the onsite drinking water well or the water system that exceeded acceptable levels? If yes, describe the contamination and indicate the dates, contaminant levels, and the source of the contamination, if known.  Yes No N/A Unknown
See interview in Appendix B.
If an onsite drinking water well is no longer used, has it been properly abandoned in accordance with applicable regulatory requirements? If, yes, indicate the date the well was abandoned.  Yes No N/A Unknown
See interview in Appendix B.

2. Does the property currently have or has there ever been an onsite waste water treatment and disposal systems (septic systems, sewage lagoons, etc.)? If yes, please provide a description of the system,
including the location(s), size, date constructed, and which buildings discharge to the system.
Yes No Unknown
See interview in Appendix B.
If the onsite waste water treatment and disposal system is no longer in use, has it been closed? If yes,
describe method of closure and date closed.
Yes No N/A Unknown
See interview in Appendix B.
3. Have any monitoring wells been installed on the property? If yes, explain the purpose of the wells and provide the location(s), dates of construction, and any analytical results.  Yes No Unknown
See interview in Appendix B.
If the monitoring wells are no longer in use, have they been properly abandoned in accordance with applicable regulatory requirements? If, yes, indicate the date the wells were abandoned.  Yes No N/A Unknown
See interview in Appendix B.
4. Is surface water present on the property (i.e. pits, ponds, lagoons, rivers, creeks, oceans, etc.)? If yes, provide a description of the location(s) and type of surface water present.  Yes No Unknown
See interview in Appendix B.

If surface water is present, are you aware of any unnatural characteristics (i.e., color, sheens, odors, sterile, etc.)? If yes, please describe and indicate whether the situation is new or has been present for an extended
period of time.
Yes No N/A Unknown
See interview in Appendix B.
See like New in Appendix B.
5. Other questions as necessary based on the records review:
D. Compliance/Permits
<ol> <li>Are you aware of any environmental liens against the subject real property that have been filed or recorded under Federal, tribal, state, or local law? If yes, describe the lien and indicate the date and effect on the current and future use of the property.</li> <li>Yes No Unknown</li> </ol>
See interview in Appendix B.
2. Are you aware of any activity and land use limitations that are in place on the subject real property or that have been filed or recorded under Federal, tribal, state, or local law? If yes, describe the land use restrictions and identify when they were issued and by whom.  Yes No Unknown
See interview in Appendix B.
3. Are you aware if any environmental site assessment or other environmental investigations of the subject real property or any other property/site records that indicated the presence of hazardous substances, petroleum products, or other potential environmental problems on the property? If yes, describe the report and findings.  Yes No Unknown
See interview in Appendix B.

Are you aware if any environmental site assessment or other environmental investigations of the subject real property or any other property/site records that recommended further assessment of the property? If yes, identify the report and indicate if the further assessment was performed.
Yes No N/A Unknown
See interview in Appendix B.
4. Are you aware of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substances or petroleum products on the subject real property? If yes, describe and identify when and by whom the legal and/or administrative action was initiated.  Yes No Unknown
See interview in Appendix B.
5. Have there ever been spills of hazardous substances or petroleum products that were reported to the National Response Center or a local or state emergency response authority? Yes No Unknown Details:
See interview in Appendix B.
6. Other questions as necessary based on the records review:
See interview in Appendix B.
E. Other
<ol> <li>Are you aware of the presence of or has there been any anomalous vegetation (i.e. stressed, dead, etc.) present on the property? If yes, indicate the location(s) and approximate dates.</li> <li>Yes No Unknown</li> </ol>
See interview in Appendix B.

2. If not mentioned above, is there anything else that could indicate the presence of hazar petroleum products, or other environmental conditions that may impact the subject real p	
Yes No Unknown	
See interview in Appendix B.	
If the questionnaire is provided to the owner/operator, provide a signature block. Follow format:	ing is a suggested
Name of individual completing Questionnaire:  Casey McKeon	_
Signature of individual completing Questionnaire:	
Affiliation with Subject Real Property: Owner/Operator	_
(Owner/operator/caretaker/previous owner/neighbor, etc.)	_
Time frame affiliated with Subject Real Property:	
Date Signed:	_

## Worksheet No. 3 – Visual Inspection of the Property and Adjoining Properties Pre-Acquisition Liability Survey (PALS)

This worksheet is intended to assist with completion of the Site Visit Survey portion of the All Appropriate Inquiries land acquisition screening. The AAI Rule calls for a visual onsite inspection of the subject property and facilities and improvements on the subject property, including a visual inspection of the areas where hazardous substances may be or may have been used, stored, treated, handled, or disposed. The AAI Rule also includes a visual inspection of adjoining properties from the subject property line, public rightsof-way, or other vantage point (e.g., aerial photography), including a visual inspection of areas where hazardous substances may be or may have been stored, treated, handled, or disposed.

In conducting the onsite visual inspection, the staff conducting the visit must maintain a photo log and property/site map that identifies the location(s) photo was/were taken and approximate direction of view.

was inspected): on adjoining land.

## Worksheet No. 3 - Visual Inspection of the Property and Adjoining Properties Pre-Acquisition Liability Survey (PALS)

During the visual inspection of the property and adjoining properties, if the answer to any of the Questions is YES, consult with the Environmental Professional who will determine if the PALS is the appropriate Level of Inquiry to meet the All Appropriate Inquiries Standards as described in 40 CFR part 312.

#### A. Property Use(s)

1. Are there currently structures and improvements present on the property? If yes, provide a physical description of all structures and improvements, including their condition and location(s) on a property/site
map.  Yes X No Photo Log ID Number(s): 2,5, 9, 12-16, 23-27
Roads paved and unpaved, fences, electrical lines, wells, old ranching materials, storage container, hiking trail.
2. Is there evidence that there were structures and improvements present on the property in the past? If yes, describe the evidence and provide a physical description of all structures and improvements, including their condition and location(s) on a property/site map.  Yes X No Photo Log ID Number(s): 2,5,9,12-16,23-27
Old ranching features (fencing, corrals, chicken coop), remains of concrete house foundations, inactive well with unsecured
cap.
3. Is there evidence of agricultural use (livestock, crop raising, agricultural drainage; including surface, and/or subsurface drains)? If yes, describe the operations. Provide a physical description of operations and identify the location(s) on the property/site map.  Yes X No Photo Log ID Number(s): 21-24,18  Livestock grazing; see explanation at A.2.
4. Is there evidence of oil and gas exploration/development? If yes describe the operations. Provide a physical description of the activities and identify the associated structures and improvements and identify the location(s) on the property/site map.  Yes No _X Photo Log ID Number(s): N/A N/A

				ads, holding ponds, or conveyance pipelines and structures present rations and improvements and identify the location(s) on the proper	
	No	N/A	X	Photo Log ID Number(s): N/A	
contamina yes, descr	ants, or peribe and p	etroleum a	nd petr	past spills or releases of hazardous substances or pollutants, troleum products related to the oil and gas exploration/developmen ion(s) of the potential spills and releases on the property/site map. ioto Log ID Number(s): N/A	t? If
yes, descriassociated location(s	ribe the op I structure ) on the p	perations. es and imported in the second sec	Providorovemote map.	tining, hard rock mining, piles, or other extractive mineral activities ide physical description of the activities and list out and identify the ments (waste rock piles, mill sites, mill tailings, etc.) and identify the p.  D Number(s): N/A	e
substance operation	s (examples and prov	le, fuel sto ide a phy	orage ta sical de	re present, is there evidence of the use/storage or release of hazardo tanks, cyanide or chemical use at mill sites)? If yes, describe the description of the evidence and the location(s) on the property/site roto Log ID Number(s):  N/A	
adits or ad If yes, pro	cid mine d	lrainage, v ysical des	waste ro	re present, are there other potential environmental concerns (draini rock, or mill tailings in or adjacent to streams and surface waters, e on and provide the location(s) on the property/site map. noto Log ID Number(s): N/A	

If minerals extraction operations are present, are there physical safety hazards present (open adits, vertical shafts, heavy equipment, etc.). If yes, provide a physical description of the hazards and the location(s) on the property/site map.  Yes No N/A Photo Log ID Number(s): N/A
If the areas of mineral extraction activities (mine sites, mill sites, etc) are not accessible for visual and/or physical inspection, describe the reason for the inaccessibility.  N/A
6. Describe and note the topographic conditions of the property as well as the general topography of the area surrounding the property that is visually and/or physically observed from the periphery of the property. Identify and locate on a property/site map any key topographic features that may relate to offsite or onsite migration of contaminants.  Photo Log ID Number(s):   Generally flat, river bottom, some steep areas at bluffs along northern portion of property.
Is there evidence of modified topography or unnatural topographic features (i.e., fill dirt brought onto the property, cover for dumps, mounds, fill areas, depressions, etc.)? If yes, provide a physical description and provide the location(s) on the property/site map.  Yes X No Photo Log ID Number(s): N/A  Some erosion control material "(shallow drainage channels and small concrete structures).
7. Is there any evidence of waste materials currently or previously being dumped above grade, buried, and/or burned on the property (i.e., dumps, industrial waste, petroleum products, labeled/unlabeled drums or other containers, pesticide containers, household and farm debris, automotive or industrial batteries, building demolition debris, etc.)? If yes, describe the evidence and provide information relating to the waste materials and disposal areas and identify the location(s) on the property/site map.  Yes X No Photo Log ID Number(s): 13-23  Farm debris, fencing, old concrete building demolition debris; no wildcat dumping observed.

8. Are there roads and/or paths present on the property? If yes, provide a description and indicate the location(s) on a property/site map.  Yes x No Photo Log ID Number(s): 2,3,9  Numerous paved and unpaved roads.
If roads and/or paths are present, is there evidence of illegal or unauthorized dumping activities occurring? If yes provide a description of the dumping and waste materials. Based on observations, indicate the approximate age of the wastes and the location(s) on a property/site map (Cross reference to Worksheet No 4).  Yes No _x N/A Photo Log ID Number(s):
B. Hazardous Materials & Substances  1. Is there evidence that current operations on the property involve the processing, handling, management, disposal, storage, manufacture, or transportation of hazardous substances or petroleum products (for example, official and/or unofficial shooting ranges, gasoline station, equipment/vehicle repair, printing facility, dry cleaners, photo developing laboratory, analytical laboratory, junkyard, boneyard, or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility)? If yes, describe the operations a provide information relating to the chemical use and storage and identify the location(s) on a property/site map.  Yes No _X Photo Log ID Number(s):
If yes, is there evidence that there has been a spill or release of hazardous substances, petroleum products, or other potential environmental problems on the property associated with current operations? If yes, describe the nature and location(s) of the release and the quantities and types of hazardous substances and identify the location(s) on a property/site map. This includes staining of soils and floors in areas used for the use and storage of hazardous materials.  Yes No N/A Photo Log ID Number(s): N/A

2. Is there evidence that previous operations on the property involved the processing, handling, management, disposal, storage, manufacture, or transportation of hazardous substances or petroleum products (for example, official and/or unofficial shooting ranges, gasoline station, equipment/vehicle repair printing facility, dry cleaners, photo developing laboratory, analytical laboratory, junkyard, boneyard, or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility)? If yes, describe the operations and provide information relating to the chemical use and storage and identify the location(s) on a property/site map.  Yes No _X Photo Log ID Number(s): N/A
If yes, is there evidence that there has been a spill or release of hazardous substances, petroleum products, or other potential environmental problems on the property associated with past operations or tenants? If yes, describe the nature and location(s) of the release and the quantities and types of hazardous substances and identify the location(s) on a property/site map. This includes staining of soils and floors in areas used for the use and storage of hazardous materials.  Yes No N/A Photo Log ID Number(s): N/A
3. Is there evidence that the property is currently or was previously used for any form of illegal activities which may involve the processing, handling, management, disposal, storage, manufacture, or transportation of hazardous substances or petroleum products (for example, illegal drug labs, waste disposal sites)? If yes describe the activities and provide information relating to the chemical use and storage and identify the location(s) on the property/site map.  Yes No _X Photo Log ID Number(s): N/A
4. Is there any evidence of contamination (i.e., hazardous substances or petroleum products) or other materials (soil, rock, etc.) migrating from adjacent and/or nearby properties onto the site? If yes, describe and indicate the location(s) on a property/site map. Also indicate if the migration appears to be current or whether it happened in the past.  Yes No _X Photo Log ID Number(s): N/A N/A N/A N/A

5. Is there evidence of use, storage, mixing, and/or disposal of industrial drums (typically 55 gallons) or sacks of chemicals, automotive or industrial batteries, pesticides (including herbicides), paints, solvents, or other chemicals in individual containers larger than 5 gallons in volume or 50 gallons in the aggregate at the property? If yes, describe and indicate the location(s) on a property/site map.  Yes No _X Photo Log ID Number(s): _N/A N/A
6. Are there any unidentified substance containers on the property? If yes, indicate their location(s) on a property/site map and bring to the immediate attention of the EP.  Yes No _X Photo Log ID Number(s): N/A N/A
7. Is there evidence of use of chemicals, automotive or industrial batteries, pesticides, herbicides, fungicides, paints, solvents, or other, on-fence lines, right of ways, airstrips, heliports, crop duster operations, etc.? If yes, describe the evidence and indicate location(s) on a property/site map.  Yes No _X Photo Log ID Number(s): N/A N/A
8. Is there evidence of oiled roads, oil seeps and slicks, staining on the soil and cracked concrete, asphalt, adjacent to storm-water drains, or other surfaces? If yes, describe and indicate the location(s) on a property/site map.  Yes No _X Photo Log ID Number(s): N/A N/A
9. Are there currently any aboveground or underground storage tanks on the property or indications of the presence of abandoned aboveground or underground storage tanks, such as any vent pipes, fill pipes, access ways indicating a fill pipe, concrete or asphalt pads or patches, islands, or dispensers on the property or adjacent to any structure on the property? If yes, describe and identify what materials the tanks hold/held and identify where on the property the tanks are located.  Yes X No Photo Log ID Number(s): N/A One opening in the concrete pad no evidence of hazardous materials or petroleum products on pad.

If aboveground or underground storage are present, is there any evidence of spill or releases? If yes,
describe and indicate the location(s) on a property/site map.
Yes No No N/A Photo Log ID Number(s): $\frac{n/a}{}$
n/a
10. Is there evidence or any indications that an aboveground or underground storage tank had been installed on the property in the past? For example, the presence of tank pads, vent pipes, fill pipes, access ways indicating a fill pipe, or dispensers on the property or adjacent to any structure on the property? If yes, describe the evidence and identify the location(s) on the property where the tanks were located. If known, indicate when the tanks were removed.  Yes No _x Photo Log ID Number(s): N/A See explanation at B.9.
If aboveground or underground storage were previously present, is there any evidence of spill or releases? If yes, describe and indicate the location(s) on a property/site map.  Yes No _X N/A Photo Log ID Number(s): N/A  N/A
11. Are there electric transmission lines, transformers, capacitors, or any hydraulic equipment (i.e., elevators, presses, lifts, doors, etc.) currently present on the property? If yes, describe the equipment. Indicate whether any of the equipment is labeled as either containing PCBs or being PCB-free. Record information from any identification tags and indicate the loation(s) on a property/site map. Yes X No Photo Log ID Number(s): n/a
Transmission line and utility line that run along the River Road, generally within property along northern boundary. No PCB-containing equipment was observed.
If electrical transmission lines, transformers, capacitors, or hydraulic equipment are present, is there any evidence of leakage or the presence of PCBs? If yes, describe and indicate the location(s) on a property/site map.  Yes No _x N/A Photo Log ID Number(s): N/A
N/A

12. Is there any evidence electric transmission lines, transformers, capacitors, or any hydraulic equipment (i.e., elevators, presses, lifts, doors, etc.) being present on the property in the past? If yes, describe the evidence and indicate, if known, when and what type of equipment was present. If known, indicate whether any of the equipment contained PCBs and indicate the former location(s) on a property/site map.  Yes x No Photo Log ID Number(s): N/A See question 11.
13. Are there identified mercury containing materials (i.e., fluorescent lamps, button batteries, thermostats, thermometers, manometers, and other medical devices, pressure gauges, switches, relays, sink traps, and medical waste) on the site? If yes, identify the materials. Include the quantity and a description of the condition of the equipment and identify the location(s) on a property/site map.  Yes No _X Photo Log ID Number(s): N/A
14. Is there evidence of any pipelines, utility lines, railways, entry/exit ports, and associated structures, either buried or overhead, crossing the property, and is there evidence of any spills or releases associated with them? If yes, describe the structures and indicate the location(s) on a property/site map.  Yes X No Photo Log ID Number(s): N/A  Utility lines are present along River Road; no evidence of leaks or spills was observed.
If yes, is there any evidence of any spills or releases associated with them? If yes, provide a description and indicate the location(s) on a property/site map.  Yes No X N/A Photo Log ID Number(s): N/A N/A

15. Are there structures (i.e., buildings, water towers, lead smelters, etc.) and/or soils surrounding structures on the site which might indicate the presence of lead in dust, old paint (peeling, chipping, chalking, or cracking lead-based paint) and/or which were built prior to 1978 (or of unknown construction dates)? If yes, identify the structures. Include a description of the location(s) (interior or exterior of structures) and identify the location(s) on a property/site map. If paint is present, also indicate whether the paint is peeling and whether there is evidence of paint chips on the ground surrounding the structures. Yes No _X Photo Log ID Number(s): _N/A N/A
If a structure is suspected to contain lead, is there any indication of what the intended use for the structure is or is it to be demolished? If yes, provide description and evidence and the location(s) on a property/site map.  Yes No N/A Photo Log ID Number(s): N/A
16. Are there structures on the site containing identified asbestos-containing materials (ACMs) or with suspect ACMs (i.e., fire proofing, acoustical plaster, siding, floor tiles, roofing shingles, mastic, insulation, vermiculate, etc.)? If yes, describe the structure and the ACMs. Indicate the condition of the ACMs and identify the location(s) on a property/site map.  Yes No _X Photo Log ID Number(s):NA
17. Are there floor drains present in any of the onsite structures and/or areas where hazardous materials are used and/or stored or have been used and/or stored in the past? If yes, provide a description including the current and previous use of the structure (if known) and observed operations and types of hazardous materials. Also indicate the location(s) of the floor drains in the structures on a property/site map and where the floor drain discharges.  Yes No _X Photo Log ID Number(s): N/A

In the areas with floor drains, is there evidence of any chemical stains present on the walls and/or floors of the onsite areas and structures where hazardous materials are/have been used and/or stored? If yes, indicate which areas/structures have chemical staining and where they are located on a property/site map.  Yes No N/A Photo Log ID Number(s): N/A
18. Are there any floors, drains, ceiling, or walls stained by substances other than water or that are emitting foul and/or unnatural odors (i.e. mold, mildew, other)? If yes, describe the site operations that occur and/or that have occurred in the past and indicate the location(s) on a property/site map.  Yes No _X Photo Log ID Number(s):N/A
19. Is there any evidence of any drains, pools, or sumps that contain liquids likely to be hazardous substances or petroleum products? If yes, describe and indicate the location(s) on a property/site map. If known, indicate what structure or site operations may be associated with the drains, pools, or sumps.  Yes No _X Photo Log ID Number(s):
20. If structures are present on the property, is there indication of how the structures are heated/cooled? If yes, describe the refrigeration/cooling systems and indicate whether they contain Freon and other regulated substances? For the heating systems, identify the heating and fuel source (for example, heating oil, gas, electric, radiators from a steam boiler fueled by gas) and indicate the location(s) on a property/site map.  Yes No _X Photo Log ID Number(s): N/A
C. Water/Waste Water  1. Is surface water present on the property (i.e. pits, ponds, lagoons, rivers, creeks, oceans, etc.)? If yes, provide a description of the type of surface water and its location(s) on a property/site map.  Yes   No Photo Log ID Number(s): 25, 26  Artesian well and associated surface water ponding from well discharge. Ephemeral San Pedro River flows through the property from southeast to northwest."

If surface water is present (example pits, ponds, lagoons), is there evidence of any unnatural characteristics (i.e., color, sheens, odors, sterile, etc)? If yes, describe and indicate the location(s) on a property/site map. If known, indicate whether it is associated with an activity related to the property and whether it is the situation is new or has been present for an extended period of time. Yes No $\underline{x}$ N/A Photo Log ID Number(s): $\underline{N/A}$
If surface water is present, is there evidence of hazardous materials dumping in water bodies (e.g. used for agricultural, commercial and/or industrial purposes, marinas, docks, etc.)? If yes, describe and indicate if this is a current/ongoing activity or whether it has happened in the past. Indicate the location(s) on a property/site map.
Yes No _x
If surface water is present, is there any evidence of bank erosion and/or other unusual characteristics in running water bodies (i.e., rivers, streams, drain channels)? If yes, describe and indicate if this is a current/ongoing activity or whether it has happened in the past. Indicate the location(s) on a property/site map.  Yes No _x N/A Photo Log ID Number(s): N/A N/A
2. Is there evidence that the property currently or was previously served by an onsite drinking water supply well? If yes, describe the well and its condition and provide the location(s) on a property/site map. If the well is no longer used, indicate whether it has been properly abandoned. If no, indicate whether the property is supplied by an offsite water source.  Yes x No Photo Log ID Number 12 Inactive well (see response at A.2) and water spigots at corral near artesian well.
If a well is present on the property, is there evidence of any contamination of the water supply or of the nearby soils? If yes, provide a description.  Yes No _X N/A Photo Log ID Number(s): N/A
N/A

3. Is there evidence that the property currently or was previously served by a non-potable water system (example, agricultural well)? If yes, describe the well and its condition and provide the location(s) on a property/site map. If the well is no longer used, indicate whether it has been properly abandoned.  Yes X No Photo Log ID Number: 25, 26, 12  Artesian well and other wells.
If a non-potable well is present on the property, is there evidence of any contamination of the water supply or of the nearby soils? If yes, provide a description.  Yes No _X N/A Photo Log ID Number(s): _N/A N/A
4. Is there evidence, other than storm water, of sanitary wastewater discharge from restrooms, kitchens, o other household-type uses? Is there evidence of industrial and/or other wastewater discharge on or adjacer to the property? If yes describe the discharge and indicate if it is a current/ongoing activity or whether it has happened in the past. Indicate the location(s) on a property/site map.  Yes No _X Photo Log ID Number(s): N/A
5. Is there evidence that the property currently has or had in the past an onsite waste water treatment and disposal system (septic systems, sewage lagoons, etc.)? If yes, describe the system and indicate which structures and operations discharged to the system. Provide the location(s) of the system on a property/site map.  Yes No _X Photo Log ID Number(s): _N/A N/A
If the onsite waste water treatment and disposal system is no longer in use, is there evidence that is has it been closed? If yes, describe method of closure.  Yes No _X N/A Photo Log ID Number(s): N/A N/A

6. Is there evidence that the property discharged waste water to an offsite facility? If yes, provide a description.  Yes No _X Photo Log ID Number(s): _N/A N/A N/A N/A
Is there evidence of other wastewater treatment/disposal facilities (example oil water separators, ponds, pits, lagoons) located on the property that have or may have been used for waste disposal? If yes, describe and provide the location(s) on a property/site map and identify the property/site operations that may have discharged to the systems.  Yes No _X Photo Log ID Number(s) _N/A N/A N/A N/A N/A
7. Is there evidence of any other existent discharges, drains, grates, etc that have not been addressed previously? If yes, describe and indicate the location(s) on a property/site map.  Yes No X Photo Log ID Number(s): N/A N/A
<ul> <li>D. Other</li> <li>1. Is there any evidence that any monitoring wells have been installed on the property? If yes, describe and explain the purpose of the wells, if known, and indicate the location(s) on a property/site map. Yes No X Photo Log ID Number(s): N/A None observed.</li> </ul>
None observed.
If the monitoring wells have been installed and are no longer in use, is there evidence that they been properly abandoned in accordance with applicable regulatory requirements? If, yes, describe and indicate the date the well(s) was abandoned, if known.  Yes No N/A Photo Log ID Number(s): N/A N/A

Is there evidence of stressed vegetation on the property (i.e., bare ground, distressed/dead vegetation, usually healthy vegetation, etc.) that is not associated with insufficient or too much water? If yes, ovide a description and indicate the location(s) on a property/site map and any current or past site			
activities or operations in the area, if known.  Yes No _X Photo Log ID Number(s): _N/A  N/A			
	_		
	_		
3. Is there a large number or amount of invasive plants present on the property? If yes, please indicate common name if known (e.g., kudzu, phragmites, cheatgrass, etc.), and approximate amount if possible (e.g., approximately half an acre, etc.). Indicate the location(s) on a property/site map.  Yes No_Photo Log ID Number(s): N/A_London Rocket, throughout the Property.			
	_		
4. Is there anything else observed that could indicate the presence of hazardous substances, petroleum products, or other potential environmental problems on the property? If yes, provide a description and indicate the location(s) on a property/site map and how it relates to current and/or past activities or operations.  Yes No _x Photo Log ID Number(s): N/A N/A N/A Photo Log ID Number(s): N/A N/A N/A Photo Log ID Number(s): N/A			
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### **E. Surrounding Property Use**

5. Is there evidence of any other nearby land uses or activities, especially upstream or upgradient that might have had a waste or dump site? For example, are there upstream or upgradient active or abandoned mine sites which may impact or threaten the subject real property? If yes, describe evidence and the land use or activity. Identify the location(s) on a property/site map.  Yes No _X Photo Log ID Number(s): N/A N/A
6. Is there evidence of any hazardous substance, pollutant/contaminant spill or release, or other potential environmental problems on any adjacent or nearby properties? If yes, describe the evidence and the release and provide the location(s) on a property/site map.  Yes No X Photo Log ID Number(s): N/A N/A
7. As can be visually and/or physically observed from the periphery of the property, is there evidence of any current or past agricultural drainage (surface, and/or subsurface drains, field runoff, etc.) discharging from the adjacent properties onto the property/site? If yes, describe the discharge and indicate the location(s) on a property/site map.  Yes X No Photo Log ID Number(s): N/A  Retired agricultural fields adjacent, surface runoff may have discharged onto Property.
8. As can be visually and/or physically observed from the periphery of the property, is there any evidence of contamination (i.e., hazardous substances or petroleum products) or other materials (soil, rock, etc.) migrating from adjacent and/or nearby properties onto the property/site? If yes, describe and indicate the location(s) on a property/site map. Also indicate if the migration appears to be current or whether it happened in the past.  Yes No _X Photo Log ID Number(s):N/A

9. As can be visually and/or physically observed from the periphery of the property, is there evidence of oil and gas exploration/development on the adjacent and surrounding property? If yes, describe the operations and identify the location(s) on the property/site map.  Yes No X Photo Log ID Number(s): N/A N/A N/A
If yes, is there any evidence of oil and/or gas drilling pads, holding ponds, or conveyance pipelines and structures present on the adjacent and surrounding property? If yes, describe the operations and improvements and identify the location(s) on the property/site map.  Yes No N/A Photo Log ID Number(s): N/A N
10. As can be visually and/or physically observed from the periphery of the property, is there evidence of current and/or past spills or releases of hazardous substances or pollutants, contaminants, or petroleum and petroleum products related to the oil and gas exploration/development? If yes, describe and provide the relative location(s) on a property/site map.  Yes No N/A Photo Log ID Number(s):N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A
11. As can be visually and/or physically observed from the periphery of the property, is there any evidence of strip mining, hardrock mining, piles, or other extractive mineral activities on the adjacent and surrounding property? If yes, describe the operations and identify any associated structures and improvements (waste rock piles, mill sites, mill tailings, etc.) and identify the location(s) on the property/site map.  Yes X No Photo Log ID Number(s): N/A  Closed copper mine tailings facilities adjacent to the southwestern boundary of Property, no known contaminant migration onto the Property.

12. As can be visually and/or physically observed from the periphery of the property, is there evidence of the use/storage or release of hazardous substances (for example, fuel storage tanks, cyanide or chemical use at mill sites) associated with the minerals extraction operations on the adjacent and surrounding property? If yes, provide a description of the evidence and provide the location(s) on a property/site map. Yes No N/A X Photo Log ID Number(s). N/A X
N/A
13. As can be visually and/or physically observed from the periphery of the property, describe and note the topographic conditions of the surrounding property as well as the general topography of the area. Identify and locate on a property/site map any key surrounding topographic features that may relate to offsite or onsite migration of contaminants. Photo Log ID Number(s): N/A
Flat river valley and steep bajadas .
As can be visually and/or physically observed from the periphery of the property, is there evidence of modified topography or unnatural topographic features on the surrounding property that may indicate (i.e., fill dirt brought onto the property, cover for dumps, mounds, fill areas, depressions, etc.)? If yes, provide a physical description and provide the location(s) on the property/site map.  Yes   No Photo Log ID Number(s): N/A  Reclaimed (covered, revegetated) tailings impoundments cover for waste piles, quarry site wastewater treatment plant
earthen impoundments
•
14. As can be visually and/or physically observed from the periphery of the property, is there evidence of stressed vegetation on the surrounding property (i.e., bare ground, distressed/dead vegetation, unusually healthy vegetation, etc.) that is not associated with insufficient or too much water? If yes, provide a description and indicate the location(s) on a property/site map and any current or past site activities or operations in the area, if known.  Yes No _X Photo Log ID Number(s): _N/A N/A

15. As can be visually and/or physically observed from the periphery of the property, is there a large number or amount of invasive plants present on the surrounding property? If yes, indicate common name, if known (e.g., kudzu, phragmites, cheatgrass, etc.), and approximate amount if possible (e.g., approximately half an acre, etc.).  Yes X No Photo Log ID Number(s): N/A  Mustard
16. Is there anything else observed that could indicate the presence of hazardous substances, petroleum products, or other potential environmental problems on the surrounding properties? If yes, provide a description and indicate the location(s) on a property/site map and how it now may threaten the property/site.  Yes No _X Photo Log ID Number(s): _N/A
N/A

### Worksheet No. 4 – Solid Waste, Physical Hazards, and Non-Scope Issues

Pre-Acquisition Liability Survey (PALS)

Solid Waste, Physical Hazards, and Non-Scope Issues identified during the inquiry will be described below, identified on the site map, and photographs taken and provided as an attachment. If none, so state.

<b>Solid Waste:</b> such a similar items.	s household garbage, tires, appliances, dead animals, abandoned automobiles, and
Ranching related waste	materials: fencing etc.
	human-caused environmental impacts such as mine shafts, high walls, unsafe bridges, milar features where the potential exists for injury to visitors on the lands after
acquisition is compl	
No major hazards. Prim	tive roads are present on the Property.
	such as asbestos-containing materials, radon, lead-based paint, drinking water systems, uses and similar items. [If these kinds of items are found on the property, a higher level e considered.]
None.	
Name: Samantha Blo	nderTitle: Assistant Environmental Professional
Signature: Samantho	<b>Blonder</b> Date: 4/16/2025

APPENDIX J Resumes

## MARK TAYLOR

#### PRINCIPAL ENGINEER

#### **SUMMARY**

Mark is an engineering Principal and one of WestLand's founders. He has over 40 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 systems and energy efficiency topics in numerous forums.

#### **EXPERIENCE**

40+ YEARS

## **EDUCATION**

#### **MBA**

University of Arizona

#### BS, Civil Engineering

University of Arizona

#### REGISTRATION

Arizona #22999, 1989 California #44219, 1989 New Mexico #14546, 1999

# PROFESSIONAL MEMBERSHIPS

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

#### SELECT PROJECT EXPERIENCE

Town of Florence's Territory Square Planned Area Utility Master Plan Project Principal Engineer. WestLand provided professional engineering services to develop a Water Resources Master Plan for the Town of Florence's Territory Square Planned Area. The project included determining the major water and sewer infrastructure required to serve the overall project area covering approximately 623 acres. WestLand's plan defined those water system planning elements that were most important to the utility, evaluated the existing system for service and upgrade requirements, and planned the infrastructure.

## City of Coolidge Water Resources Master Plan

Principal Engineer. WestLand provided professional engineering services to develop a Water Resources Master Plan for Coolidge. The purpose of the Water Resources Master Plan was to provide Coolidge a reference document explaining the different types of water, the regulations placed on these types of water, how water use differs between sectors in Coolidge, and factors that could impact future use. The Water Resources Master Plan provided Coolidge an understanding of what the future water demands of their planning area might be and the resources available to meet that demand. This report discussed options for the City of Coolidge to put its effluent to use to benefit the City.

#### Harquahala Valley Water Project Engineering Feasibility Study

Principal Engineer. WestLand completed an engineering feasibility study for a large water delivery project involving the transportation of groundwater from the Harquahala Valley to the Central Arizona Project (CAP) canal. The project included preparation of a 171-page report which included a preliminary design, Opinion of Probable Construction Cost (OPCC), and thirty-year operations, maintenance, and replacement costs (OM&R).

#### Confidential Mining Client, Water Resource Planning

Principal Engineer. A future mine located in the Phoenix Active Management Area retained WestLand to prepare a water resource plan to bring water to their future mine site. The plan included an overview of Arizona water regulations, a review of the existing mine's water portfolio, presented options for obtaining additional water rights and/or permits, provided infrastructure options for conveying those water resources to the mine site, and provided preliminary capital and operational expenditures for those options.

## Rio Rico Utilities, Inc., Rio Rico Water System Master Plan

Principal in Charge of the development of a water system master plan for a private water utility serving residential, commercial, and industrial customers. The master plan serves as a key guidance document for the identification of the capital components required for both existing and future customers in order to continue reliable operation, maintenance, and expansion of the water system. WestLand's plan defined those water system planning elements that were most important to the utility, evaluated the existing system for service and upgrade requirements, and planned the infrastructure to provide appropriate service to the expanding community.

## Cottonwood Properties, Dove Mountain Reclaimed Water Master Plan

Principal in Charge of the preparation of the Dove Mountain Reclaimed Water Master Plan, an update to the Reclaimed Water Master Plan for the Tortolita Mountain Properties Basin that had been prepared for approximately 1,800 acres within the Dove Mountain community and included two golf courses. WestLand's revised master plan incorporated the entire 5,600-acre community with provisions for up to five 18-hole golf courses. The Dove Mountain project is served by Tucson Water's Thornydale reclaimed water reservoir and booster station. In accordance with Tucson Water's pressure and velocity requirements, WestLand performed hydraulic modeling for each of the various phasing scenarios to determine the best phasing of construction for the proposed reclaimed water system infrastructure buildout.

## Willow Springs Utilities, LLC, Willow Springs Water Master Plan

Principal in Charge of the preparation of a water master plan for the 4,600-acre Willow Springs project, a development that includes approximately 6,500 residential dwelling units, two schools, 95 acres of turf (parks), and 90 acres of commercial/mixed-use development. The purpose of the concept master plan was to provide information for the determination of required water system facilities and to present a concept for water service for the development. The master plan included pressure zones and water service operational method, population and water usage projections, and facility sizing and locations.

## **CHRIS** RIFE

#### SENIOR PROJECT MANAGER

#### **SUMMARY**

Mr. Rife is a Senior Project Manager in the Environmental Department. He has over 20 years of experience in federal and state environmental regulatory programs covering a broad range of business sectors, assisting clients in accomplishing their project goals. He specializes in environmental evaluation and permitting 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. His focus in the western US has been on mining and residential land development projects; he also has experience on airport, railroad, and highway; solid and hazardous waste, and utilities projects throughout the United States and selected locations abroad. Mr. Rife has long-term relationships with several clients, as exemplified by the work completed at the two sites described below. Brief descriptions of numerous additional mining projects are provided subsequently.

#### **EXPERIENCE**

20+ YEARS

#### **EDUCATION**

M.S., Environmental Policy and Management University of Denver

**B.A., Philosophy** Humboldt State University

Additional Coursework in Hazardous Materials Management and Wetlands Science

## **SELECT PROJECT EXPERIENCE**

Pinto Valley Mining Corp., Pinto Valley Mine; Gila County, Arizona Senior Project Manager. Mr. Rife has completed numerous environmental permitting and planning projects for this legacy copper mine in southern Arizona since joining WestLand in 2002. His prior work at this site ranges from stormwater inspections and environmental handbook authorship to participating in strategic planning and providing technical comments on regulatory agency actions potentially affecting the operation. He is currently supporting the mine operators during the U.S. Forest Service's National Environmental Policy Act evaluation of a mining Plan of Operations prepared by Mr. Rife on behalf of the client. Pinto Valley Mine lies primarily on private land but is surrounded by the Tonto National Forest and some mining-related activities use National Forest System lands. The Plan consolidates a number of previous authorizations issued by the U.S. Forest Service under separate Plans of Operations, Rights-of-Way, or Special Use Permits over the course of the 60+ year life of the facility. Mine use of National Forest System lands currently includes two tailings disposal facilities, a waste rock dump, and appurtenant infrastructure such as water pipelines, electrical transmission lines, and roads accessing these facilities. New uses of public lands, to accommodate further development of tailings disposal facilities and the open pit, are also included in the Plan. Mr. Rife worked closely with the client representative to develop the Plan, and now provides ongoing strategic and tactical support during the NEPA process. Additionally, Mr. Rife oversees WestLand's biological and cultural resources studies at the site, and provides technical review of hydrogeologic, hydrologic, geochemical, and geotechnical documents prepared by other consultants on the project team.

Cyprus Specialty Minerals, Former Satralloy Site; Steubenville, Ohio Senior Project Manager. Mr. Rife is the environmental permitting manager for a team remediating an abandoned chromium smelter site in eastern Ohio. Mr. Rife has performed this role since 2005 when the client was notified of their



responsibility for the site by the Ohio Environmental Protection Agency and entered into a Consent Order for Preliminary Investigation. He assisted the client in selecting the firm that would be responsible for interim actions, a remedial investigation/feasibility study, and implementing the selected remedial action. Over the course of the project, Mr. Rife has been responsible for conducting jurisdictional delineations, biological evaluations, and cultural resources studies to support permit applications under the federal and state programs authorizing fill of wetlands and waterways. For three separate "interim action" projects, Mr. Rife was responsible for preparing preconstruction notifications under the Clean Water Act Section 404 Nationwide Permit No. 38, Cleanup of Toxic and Hazardous Waste, to fill waters of the United States, as well as an application to fill Ohio-regulated isolated wetlands. He has participated in construction/demolition contractor selection process, including reviewing design specifications for environmental permit considerations and explaining permit conditions to bidders. Mr. Rife's biological work has supported an Ecological Risk Assessment conducted by others on the project team and (while at another firm) he managed an engineering evaluation of transportation options for heavy equipment, including design and construction of a railroad spur to the site.

Arizona Minerals, Inc., Drilling Plan of Operations Support; Santa Cruz County, Arizona Task Manager. Mr. Rife prepared a Plan of Operations for mining exploration program on National Forest System lands.

Arizona Minerals, Inc., STA 3rd Party Contractor; Santa Cruz County, Arizona Project Manager. Mr. Rife managed evaluation of parcels on National Forest System lands to be acquired by private client under the federal Small Tracts Act.

## ASARCO, Ray Mine Phase I ESAs for Land Exchange; Ray, Arizona

Senior Project Manager. Mr. Rife managed Phase I Environmental Site Assessments of eight properties for a land exchange with a federal agency.

BHP-Billiton Legacy Assets, Closed Sites Wildlife Management Plan; Globe-Miami, Arizona Project Manager. Mr. Rife prepared Wildlife Management Plan for five closed copper mines. He also managed a wildlife survey of underground mine features (shafts and adits) at one site, including installation of exclusions (wire mesh screens) over openings to prevent bats and raptors from entering the features, allowing the client to permanently close them.

BHP-Billiton Legacy Assets, Copper Cities Plans of Operations; Miami, Arizona
Project Manager. Mr. Rife managed preparation of Plans of Operations describing proposed
geotechnical investigation and reclamation of a closed copper mine situated partially on National
Forest System lands and Bureau of Land Management- administered lands.

Cardero Resources, Zonia Mine Clean Water Act Permitting Support; Wickenburg, Arizona Senior Project Manager. Mr. Rife is currently managing jurisdictional waters, biological, and cultural resources surveys of this small inactive gold mine to prepare for a Clean Water Act Section 404 Nationwide Permit preconstruction notification to authorize waste rock dump reconfiguration activities required by the State of Arizona. A portion of the project is situated on Bureau of Land Management property, and therefore requires Notification to the agency for authorization to complete the work.



## Cyprus Specialty Minerals, Bruce Mine Site; Bagdad, Arizona

Project Manager. Mr. Rife is the permitting manager for remediation activities at this historical copper mine site conducted under a voluntary cleanup agreement with the State of Arizona. Technical work by WestLand included a jurisdictional delineation and land management agency coordination. An "approved jurisdictional determination" was completed and submitted to the U.S. Army Corps of Engineers for review, based on a negative significant nexus evaluation. A portion of the project would be conducted on State Trust Lands administrated by the Arizona State Land Department. Mr. Rife has assisted the client in coordinating with both agencies to review and approve the determination.

## Cyprus Specialty Minerals, Dante Site Permitting Support; Knoxville, Tennessee

Senior Project Manager. Mr. Rife is currently managing jurisdictional waters, biological, and cultural resources surveys of this closed manganese processing facility to prepare for a Clean Water Act Section 404 Nationwide Permit preconstruction notification to authorize tailings impoundment reconfiguration activities to improve the factor of safety of the embankments.

#### Cyprus Specialty Minerals, Inc., Newmire Smelter Site; Telluride, Colorado

Project Manager. Mr. Rife managed a permitting project for remediation activities at this historical vanadium smelter site required under a voluntary cleanup agreement with the State of Colorado. Technical work conducted by WestLand 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 by the U.S. Army Corps of Engineers under the Clean Water Act Section 404 program.

Freeport-McMoRan Corporation, Ecosystem Function Analysis Pilot Study and Monitoring/Reporting Project Manager. Mr. Rife conducted ecosystem function analysis pilot study at reclaimed smelter and tailings disposal facility site.

# Freeport-McMoRan Inc., Clarkdale Smelter On-Call Environmental Support Services; Clarkdale, Arizona

Project Manager. Mr. Rife prepared a Spill Prevention, Control, and Countermeasures plan, and managed vegetation monitoring, at a reclaimed smelter site.

## Freeport-McMoRan Inc., Iron King Permitting Support; Jerome, Arizona

Project Manager. Mr. Rife managed a permit requirements assessment of inactive copper mine, including evaluation of potential for occurrence of jurisdictional waters of the US, cultural resources, and special status species.

## Freeport-McMoRan Miami, Inc., Environmental Support; Miami, Arizona

Project Manager. Mr. Rife has completed several projects at this legacy copper mine in southern Arizona. He recently managed an analysis of Clean Water Act Section 404 permit requirements for a new water pipeline from a treatment plant to the mine site, including a review of the potential jurisdictional status of drainages along the route, and an evaluation of biological and cultural resources. The analysis concluded that the project would qualify for no-notification coverage under Clean Water Act Section 404 Nationwide Permit 12, Utility Line Activities. Mr. Rife has also managed



an evaluation of avian control techniques to prevent nuisance birds from entering and roosting in industrial buildings at the mine. He also recently provided senior review of Phase I Environmental Site Assessments for two properties owned by the client and intended for divestment. Over the course of his involvement at this site, Mr. Rife updated the site Spill Prevention, Control, and Countermeasures plan, in accordance with current regulations, for the numerous on-site aboveground storage tanks. Mr. Rife was also responsible for managing an ongoing habitat-monitoring program required for the Pinal Creek Group, which included invasive vegetation species (tamarisk) control. He has also provided regulatory compliance support for the site-wide Aquifer Protection Permit and was coauthor of a Groundwater Sampling and Analysis Plan.

## Freeport-McMoRan Morenci, Inc., Environmental Support; Morenci, Arizona

Project Manager. Mr. Rife has conducted numerous projects for this legacy copper mine in eastern Arizona. He is currently responsible for supporting the client in implementing a range of assignments specified in a Management Plan prepared to protect endangered fish species that may occur in a stream on the client's property. The client may fund construction of a fish barrier to prevent predatory non-native fish and other aquatic species (crayfish) from invading the native fish refugia in the upper reaches of Eagle Creek. Mr. Rife supported a geotechnical investigation of the proposed fish barrier site, including securing authorization from the U.S. Army Corps of Engineers under Clean Water Act Section 404 Nationwide Permit 6, Survey Activities. A jurisdictional delineation, biological evaluation, and cultural resources survey of the proposed fish barrier site were completed. Consultation with the U.S. Fish & Wildlife Service and the Corps under Section 6 of the Endangered Species Act was required. Mr. Rife is also responsible for other tasks including native fish monitoring, an exotic species control study, permitting support for constructing the fish barrier, and technical review of the fish barrier design and a Safe Harbor Agreement and/or Candidate Conservation Agreement with Assurances. Mr. Rife is also managing a mitigation monitoring project for this client. Three habitat restoration sites were established along lower Chase Creek and the San Francisco River to offset impacts to Waters of the United States from fill placed in upper Chase Creek for a mine expansion project, authorized by the Corps under two separate Clean Water Act Section 404 Individual Permits. The permits specify certain vegetation establishment goals along degraded segments of these streams; WestLand prepared and implemented a planting and irrigation plan. WestLand biologists currently monitor the sites on a quarterly and annual basis, and report observations and recommendations to the client and Corps.

Freeport-McMoRan Safford, Inc., Dos Pobres/San Juan Mine Mitigation Sites; Safford, Arizona Project Manager. Mr. Rife is responsible for managing a mitigation monitoring project for this client. Three habitat restoration sites were established along the Gila River to offset fill placed in waters of the United States for a mine expansion project, authorized under a Clean Water Act Section 404 Individual Permit. The permit specifies certain vegetation establishment goals along degraded segments of the river; WestLand prepared a planting and irrigation plan implemented by others on the project team. WestLand biologists currently monitor the restoration sites on a quarterly and annual basis, and report observations and recommendations to the client and Corps.

#### Gallagher & Kennedy, P.A., United Verde Mine; Jerome, Arizona

Project Manager. Mr. Rife managed a Clean Water Act permitting project for site remediation activities required under a Consent Decree for this closed mine property in central Arizona. Technical work included a biological evaluation, archaeological study and data recovery, and a jurisdictional



delineation. Mr. Rife completed a Clean Water Act Section 404 Nationwide Permit 38, Cleanup of Hazardous and Toxic Wastes preconstruction notification and secured authorization from the U.S. Army Corps of Engineers for the remediation project on behalf of the client. He coordinated agency and client communications, including National Historic Preservation Act Section 106 consultation regarding potential project impacts to the Jerome National Historic District.

Gallagher & Kennedy, P.A., United Verde – Verde Central Environmental Support; Jerome, Arizona Project Manager. Mr. Rife provided environmental permitting strategy support for voluntary cleanup considered for a small, abandoned copper mine.

## Golden Vertex Corp., Moss Mine Plans of Operations; Bullhead City, Arizona

Project Manager. Mr. Rife managed environmental resource studies to support Plans of Operations for exploration and mining of a proposed expansion of a small gold and silver mine, and is currently managing biological and cultural resources surveys required by the Bureau of Land Management.

#### IMERYS, Santa Rita Limestone Quarry; Sahuarita, Arizona

Project Manager. Mr. Rife supported this client in an exploration drilling program on public lands. The existing quarry occupies both U.S. Forest Service and Bureau of Land Management administrated property. Mr. Rife prepared separate Plans of Operations for the agencies to evaluate the different exploration programs on the two portions of the site. The Bureau of Land Management has approved the Plan for the program on their property, while the Forest Service is currently completing a National Environmental Policy Act evaluation of the Plan for the program on National Forest System lands. Depending upon the outcome of the exploration programs, the client may consider expanding the existing facility within either or both agencies' lands. A new Plan of Operations for the expanded facility would be required for either scenario.

#### Kennecott Exploration Company, Inc., Stockton/Ophir Due Diligence; Utah

Project Manager. Mr. Rife conducted a risk evaluation of mining district for site development by copper mine exploration firm.

## Kirkland Mine, BLM MPO and NEPA Support; Kirkland, Arizona

Senior Technical Reviewer. Mr. Rife provided senior technical review of Plan of Operations and Environmental Assessment for a proposed small pozzolan mine.

## Redhawk Resources, Copper Creek Permit Evaluation and Environmental Services; Mammoth, Arizona

Task Manager. Mr. Rife provided technical support for permit evaluation of proposed copper mine at a historical mining site.

#### Resolution Copper, Resolution Mine Site; Superior, Arizona

Task Manager. Mr. Rife has participated in numerous projects at this proposed new underground copper mine in southern Arizona. He completed a comprehensive comparison of the biological and cultural resources of the proposed tailings disposal facility site to another large site that the client is contemplating to acquire and use as a mitigation parcel. He also updated a series of studies on seeps and springs at the proposed mine site and vicinity to standardize the description terminology and nomenclature for the resources. Most recently, Mr. Rife conducted Environmental Site Assessments



and Ecological Overview studies for a set of private properties for a land exchange for targeted public lands. He visited the 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. Historically, Mr. Rife also prepared a comprehensive permitting schedule to assist in planning the new mine and assisted in updating Environmental Management System for the site, using corporate guidelines.

## Rosemont Copper Company, Rosemont Project; Santa Cruz County, Arizona

Project Manager. Mr. Rife conducted a range of assignments to support finalizing the General Plan of Operations and other environmental resource studies for this proposed new mine in southern Arizona. He has reviewed numerous Monitoring Plans, prepared by various members of the project team, to ensure that specified protocols will meet various obligations identified in the U.S. Forest Service's Final Environmental Impact Statement for the project. He also prepared the Biological Monitoring Plan for the same purpose; this plan details the procedures and schedule for biological resource monitoring requirements that the client must pursuant to the Forest Service's Mitigation Measures and the U.S. Fish and Wildlife Service's Biological Opinion. Mr. Rife also managed a database development assignment to convert an extensive set of Excel spreadsheets from the client's vegetation and water quality monitoring programs to relational databases, and in the future will use "tablet" computers for field data collection and reporting. Mr. Rife also managed a GIS assignment; WestLand's graphics group prepared a custom "Geoportal" that links all spatial data and reports to a secure online website to allow the project team access to digital copies of relevant data based on site mapping.

#### Confidential Client, Agricultural Property Phase I ESA for Solar Array

Mr. Rife conducted a Phase I Environmental Site Assessment of 1,622 acres of agricultural land proposed for development as a solar farm. The assessment identified a range of recognized environmental conditions associated with agricultural chemical use, petroleum product releases, and unregulated waste disposal.

#### 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.



## 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.)

### 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.



## PAUL FLEISHMANN

#### FIELD BIOLOGIST

#### **SUMMARY**

Paul is a Field Biologist with a strong background in environmental field surveys, habitat restoration, and plant conservation. Skilled in conducting biological evaluations for NEPA and Endangered Species Act (ESA) compliance, including special status species inventories, wetland and riparian habitat assessments, vegetation mapping, and water sampling. Expertise in native plant materials development, ecological research, and field-based conservation initiatives to support ecosystem restoration. Adept at collaborating with federal and state agencies, managing field crews, and implementing strategic restoration projects. Proven ability to analyze environmental data, write technical reports, and ensure regulatory compliance. Passionate about applying science-driven solutions to protect biodiversity, restore habitats, and promote sustainable land management.

#### **EXPERIENCE**

10 YEARS

#### **EDUCATION**

BS, Biology & Chemistry

Western Kentucky University

#### **PUBLICATIONS**

Tiwari, M., Sharma, N.C., Fleischmann, P., Burbage, J., Venkatachalam, P., Sahi, S. V. (2017) "Nanotitania Exposure Causes Alterations in Physical, Nutritional and Stress Responses in Tomato (Solanum lycopersicum)". Front. Plant Sci. 8: 633.

**Fleischmann, P.**; Nilesh, Sharma; Sahi, S. "Effect of Titanium Dioxide Nanoparticles on the Growth, Photosynthetic Efficiency, and Oxidative Stress in Food Crops" (2015). Poster Presentation at American Society of Plant Biologists Midwestern Section Meeting.

Fleischmann, P.; Shukla, D; Bhaskaran, S; Sahi, S. "Effects of High Phosphate Growth Regime on Alfalfa" (2014). Poster presentation given at the WKU Student Research Conference.

Fleischmann, P.; Esch, C.; Stone, M "Symbiosis between Gunnera and Nostoc" (2012). Poster presentation given at the WKU Student Research Conference.

## INTERNATIONAL EXPERIENCE

National Research Centre for Plant Biotechnology, January 2014

• Exchanged laboratory skills and learned new research techniques with colleagues in New Delhi, India

Legacy International Arabic Language Institute, June 2012 – August 2012

• Studied intensive Arabic language and culture classes at the Center for Language and Culture in Marrakech, Morocco with homestay

Western Kentucky University/Gatton Academy Biodiversity Research in Costa Rica, January 2012

• Conducted biodiversity research at the Cloudbridge Nature Preserve

## **SAMANTHA** BLONDER

#### PROJECT MANAGER

#### **SUMMARY**

Samantha Blonder is a Senior Environmental Specialist with 6 years of experience gained through supporting environmental permitting projects at WestLand and 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: ESA, NEPA, CWA, Conservation Plans, Field Work, Data Collection and Data Entry, and Water Quality Collection and Analysis.

#### **EXPERIENCE**

6 YEARS

#### **EDUCATION**

M.S., Environmental Science Florida Gulf Coast University

**B.S., Biology** University of South Florida

## **REGISTRATIONS | CERTIFICATES**

MSHA Certification

#### **SELECT PROJECT EXPERIENCE**

## Navajo Tribal Utility Authority (NTUA), Environmental Evaluations

Environmental Specialist. WestLand conducted environmental evaluations of 21 water line projects that were funded by the CARES Act Coronavirus Relief Fund in October 2020. The projects were located in 17 Chapters across the Navajo Nation in Arizona and New Mexico. WestLand coordinated with NTUA and Navajo Nation Department of Fish and Wildlife (NNDFW) to obtain biological clearances for each project. Species data requests were submitted to NNDFW, including project location maps, ground photographs obtained in the field, and National Wetland Inventory mapping. Species data received were analyzed for the potential occurrence of species of concern on the Navajo Endangered Species List. Results were summarized for each project site in table format and provided to NNDFW to obtain biological clearances.

## Freeport-McMoRan Inc, Eagle Creek Project Environmental Assessment

Environmental Specialist. WestLand was contracted by Freeport-McMoran to prepare an Environmental Assessment (EA) for the Eagle Creek Project. The Eagle Creek project proposes to develop range improvements along eagle creek including a well, pipeline infrastructure and fencing. This project includes public scoping, an administrative draft of the EA, a draft EA for public comment, and a final EA.

#### Resolution Copper, EOCTRI Emory Oak Monitoring

Project Manager. WestLand was contracted to conduct data collection to support the goal of the Emory Oak Collaborative Tribal Restoration Initiative (EOCTRI) which is to restore and protect Emory oak groves (Quercus emoryi) and to ensure the sustainability of subsistence foods for Arizona tribes. This project includes field work, community outreach and data dissemination.



## HVWP Management LLC, Harquahala Valley Water Project Environmental Assessment

Environmental Specialist. WestLand was contracted 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.

# Town of Oro Valley Water Utility, Northwest Recharge, Recovery and Delivery System (NWRRDS) Design

Environmental Specialist. The WestLand 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 conduct 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.



## **DIANA** SANDOVAL

#### SENIOR PROJECT MANAGER

#### **SUMMARY**

Diana Sandoval has 17 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.

#### **EXPERIENCE**

17 YEARS

## **EDUCATION**

M.A., Land Use and Community Planning

Northern Arizona University

**BSc, Regional Development** University of Arizona

Phase I and Phase II Environmental Site Assessments for Commercial Real Estate Workshop

National Environmental Policy Act Compliance Workshop

#### **REGISTRATIONS | CERTIFICATES**

Mine Safety and Health Administration Certification

90-Hour Real Estate Pre-Licensing

Property Legal Description

#### SELECT PROJECT EXPERIENCE

## Three Sisters Solar Project, BrightNight, Pima County, Arizona

WestLand prepared a CEC application per the requirements of Arizona Revised Statutes (A.R.S.) § 40-360.03 including environmental and cultural resources studies discussing areas of biological wealth, visual resources, scenic areas recreational facilities, relevant plans of the state and local government, and any private entities' and how the project comports with those plans, provided narrative on anticipated noise emission levels and interference with communication signals, and focused on potential impacts and mitigation measures for avian species since the project is situated next to the Willcox Playa, a migratory bird hotspot known for its rich natural history and ecotourism. WestLand conducted and summarized public outreach efforts completed under Task 1.3, and other public engagement. WestLand planned and facilitated a robust public outreach effort in connection with the CEC application to identify the stakeholders for the public participation process, including agencies, local government officials, neighborhood associations, special interest groups, businesses, landowners, and residents in the area with the potential to be affected by the proposed Project. Several different public outreach efforts were conducted and facilitated by both WestLand and BrightNight including internet website (including online comment form and interactive project map), stakeholder group outreach, community and agency briefings, newsletters, public open house, and telephone information line. WestLand then supported BrightNight and their attorney in preparing for and participating in the ACC Line Siting Committee public hearing for the project including power points and expert testimony at the hearing, which was approved by the committee in a unanimous vote.

## Pinal Central Substation to Tortolita Substation Transmission Line Project, Tucson Electric Power, 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 AZGFD 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 archaeological 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 saguaro conflict with the transmission lines over the next 20 years.

# University of Arizona, Environmental Compliance for the University of Arizona Science and Technology Park (UA Tech Park)

Project Manager. 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 nojurisdictional 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 BEs, 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.

#### Consulting Project Manager for TEP Land Resource Team

Since 2017, Ms. Sandoval has worked as a part-time land contractor with Unisource Energy Corporation (UNS)/TEP providing direct environmental consultation services as a Land Resource Department team member for power projects in Arizona. She collaborates directly with TEP's engineers, designers, project managers, and construction teams. She manages environmental and land use requirements for system reinforcement projects including new substations, distribution and transmission lines; new business connections; public improvement projects; and renewables. This includes reviews and permitting associated with various surface management agencies, municipal approvals, and other regulators and landowners, as the utility's agent.

#### AeroPark Substation and Distribution Lines

Ms. Sandoval was responsible for managing environmental approvals associated with a new substation located on land owned by the City of Tucson and the Tucson Airport Authority (TAA) also leased by Raytheon who would need additional power load in the area. Ms. Sandoval supported the Right of Way Agent with land right acquisition, commissioned cultural and biological surveys, obtained clearance the through Federal Aviation Administration (FAA) obstruction evaluations for



new structures and the use of cranes during construction. The project also involved construction of a communication tower that required antenna structure registration (ASR) with the Federal Communication Commission (FCC). A National Environmental Policy Act (NEPA) environmental assessment checklist was prepared, and public notice provided. Ms. Sandoval also ensured conformance with FCC requirements for National Historic Preservation Act - Section 106 Consultation compliance pursuant to FCC regulations.

## FRV-Avra Valley Solar in Pima County

Ms. Sandoval conducted a comprehensive permitting analysis and provided local, state and federal entitlement/permitting support for a 305-acre photovoltaic solar power generation facility located on fallow farmland northwest of Tucson. Local permitting support for the Conditional Use Permit and site development plan included cultural surveys, noise studies, biological surveys and coordination with US Fish and Wildlife Service and Arizona Game and Fish Department. WestLand prepared a Biological Impact Report to address Pima County's Conservation Land System requirements and prepared a subsequent Habitat and Vegetation Restoration Plan in cooperation with local conservation groups as a condition to the Conditional Use Permit. WestLand also assisted with implementation and monitoring as the project was constructed and designed and developed a special western burrowing owl habitat area in coordination with Arizona Game and Fish Department.

