

National Gypsum Company

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Winkelman Arizona Property

1103 North Highway 77

Winkelman, Arizona

Date Prepared: March 30, 2023

Overall Viability Date: September 2, 2023

Phase I Environmental Site Assessment Report

Winkleman, Arizona Property: 1103 North Highway 77, Winkleman, Arizona

March 30, 2023

Prepared By:

Arcadis U.S., Inc.
410 N. 44th Street, Suite 1000
Phoenix
Arizona 85008
Phone: 602 438 0883
Fax: 602 438 0102

Prepared For:

Mr. James Phipps
Director of Environmental Affairs
National Gypsum Company
2001 Rexford Road
Charlotte, NC 282211

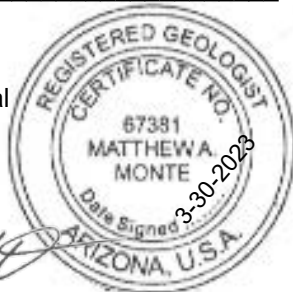
Arizona State Land Department
1110 W Washington Street
Phoenix, AZ 85007

Our Ref:

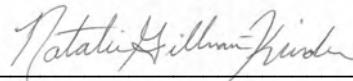
30172954



Becky Steever
Staff Geologist
Environmental Professional



Matthew A Monte, R.G.
Senior Geologist
Environmental Professional



Natalie Gillman-Kinder
Project Scientist
Environmental Professional

*The Environmental Professional's certification is provided in Section 7.2 of this report.

This document is intended only for the use of the individual or entity for which it was prepared and may contain information that is privileged, confidential and exempt from disclosure under applicable law. Any dissemination, distribution or copying of this document is strictly prohibited.

Contents

Executive Summary.....	I
Subject Property Layout Description.....	I
Operations	I
Subject Property History	I
Surrounding Area.....	II
Findings and Opinion	II
Recognized Environmental Conditions	II
Controlled Recognized Environmental Conditions	II
Historical Recognized Environmental Conditions.....	II
Noteworthy Conditions	II
Significant Data Gaps	III
1 Introduction.....	1
1.1 Purpose.....	1
1.2 Scope of Work.....	1
2 Subject Property Setting and Description	4
2.1 Subject Property Location	4
2.2 Subject Property Layout Description	4
2.2.1 Heating and Cooling.....	4
2.3 Operations.....	4
2.4 Physical Setting	5
2.4.1 Topography	5
2.4.2 Geology.....	5
2.4.3 Hydrology	5
2.4.3.1 Surface Water	5
2.4.3.2 Wetlands	5
2.4.4 Hydrogeology.....	5
3 Subject Property History.....	7
3.1 Historical Subject Property Summary	7
3.2 Historical Information Sources	7
3.3 Prior Environmental Assessments, Investigations, and Events	8
4 Subject Property Regulatory Database Information	9

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Winkelman Arizona Property: 1103 North Highway 77, Winkelman, Arizona

5	Operational Environmental Matters	10
5.1	Material Handling and Storage	10
5.1.1	Aboveground Storage Tanks (ASTs)	10
5.1.2	Underground Storage Tanks (USTs)	10
5.1.3	Other Material Handling and Storage	10
5.2	Air Emissions	11
5.3	Solid Waste	11
5.3.1	Hazardous Waste	11
5.3.2	Other Regulated Waste	11
5.3.3	Non-Hazardous Waste	12
5.3.4	Solid Waste Disposal on the Subject Property	12
5.4	Water, Wastewater, and Storm Water	12
5.4.1	Water Use and Supply	12
5.4.2	Wastewater	12
5.4.2.1	Septic Systems and Cesspools	13
5.4.2.2	Discharges to Publicly Owned Treatment Works	13
5.4.2.3	Pits, Ponds, and Lagoons	13
5.4.3	Storm Water	13
5.5	Hazardous Building Materials and Conditions	13
5.5.1	Asbestos-Containing Materials (ACMs)	13
5.6	Other Hazardous Substances and Emerging Contaminants	14
5.6.1	Polychlorinated Biphenyls (PCBs)	14
5.6.2	Per- and Polyfluoroalkyl Substances (PFAS)	14
5.7	Indicators of Environmental Impact	14
5.7.1	Odors	14
5.7.2	Stains and Corrosion	14
5.7.3	Stressed Vegetation	15
5.7.4	Environmental Liens and Activity and Use Limitations	15
6	Adjoining Properties and Surrounding Area	16
6.1	Current Uses of Adjoining Properties and Surrounding Area	16
6.2	Historical Uses of Adjoining Properties and Surrounding Area	16
6.3	Environmental Record Sources and Regulatory Agency File and Records Reviews	16
6.3.1	Adjoining Properties	17

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Winkelman Arizona Property: 1103 North Highway 77, Winkelman, Arizona

- 6.3.2 Surrounding Properties 17
- 7 Conclusions 18
 - 7.1 Findings and Opinion..... 18
 - 7.1.1 Recognized Environmental Conditions..... 18
 - 7.1.2 Controlled Recognized Environmental Conditions 18
 - 7.1.3 Historical Recognized Environmental Conditions 18
 - 7.1.4 De Minimis Conditions 18
 - 7.1.5 Noteworthy Conditions 18
 - 7.1.6 Significant Data Gaps..... 19
 - 7.2 Environmental Professional Statement..... 19
- 8 Sources, References, Assumptions, and Limitations 20
 - 8.1 User-provided Information 20
 - 8.2 Records Review 20
 - 8.2.1 Regulatory Agency File and Records Reviews 20
 - 8.2.2 Physical Setting Sources..... 20
 - 8.2.3 Standard and Other Historical Sources 20
 - 8.3 Interviews with Past and Present Owners and Occupants 20
 - 8.4 Interviews with State and/or Local Government Officials 21
 - 8.5 Other References 21
 - 8.6 Significant Assumptions..... 21
 - 8.7 Limitations and Exceptions 21
 - 8.8 Data Gaps 23
 - 8.9 Deviations..... 23
 - 8.10 Reliance 23
 - 8.11 Viability 23

TABLES

Table 1. Historical Information Sources.....	7
Table 2. Environmental Database Listings	9
Table 3. List of Aboveground Storage Tanks	10
Table 4. List of Materials Handled and Stored at the Subject Property	11
Table 5. Regulatory Agency File and Records Requests	20
Table 6. Viability of Phase I ESA	23

FIGURES

Figure 1. Site Location Map

Figure 2A. Subject Property Plan & Adjoining Properties Map

Figure 2B. Maintenance Area Details Map

APPENDICES

Appendix A. Subject Property Photographs

Appendix B. EDR Radius Map™ Report with GeoCheck®

Appendix C. Historical Records

Appendix D. Resumes



Executive Summary

Arcadis U.S., Inc. (Arcadis) was retained by NGC to conduct a Phase I Environmental Site Assessment (ESA) for the Winkelman Property facility located in Winkelman, Arizona. The property consists of three client-identified sections: (1) approximately 10 acres identified as Land Number 06.0-S-16.0-E-33-11-031-8000, (2) approximately 320 acres identified as Land Number 06.0-S-16.0-E-34-11-031-8001, and (3) approximately 60 acres identified as Land Number 07.0-S-16.0-E-03-11-031-8001. The subject property is associated with address 1103 North Highway 77, Winkelman, Pinal County, Arizona (the subject property). The Phase I ESA was performed in general accordance with the ASTM International (ASTM) Standard E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E1527-21), for use by NGC and the Arizona State Land Department (ASLD).

Subject Property Layout Description

The subject property comprises approximately 390-acres across several parcels. The subject property is improved with a curbed drum storage shed, an approximately 3,000-square-foot equipment maintenance building, and several concrete pads. The maintenance building is in the north-central portion of the subject property. A tank containment area to the east of the maintenance shop contains an approximately 500-gallon diesel aboveground storage tank (AST), an approximately 120-gallon gasoline AST, and several 55-gallon drums containing chemicals (oils and lubricants) associated with equipment maintenance. A curbed, concrete drum storage area with canopy is in the vicinity of the maintenance shop and containment area. A conex container and two explosive storage magazines located in the central-eastern portion of the subject property are used to store ammonium nitrate/fuel oil (ANFO), explosive caps, and boosters. The remainder of the subject property consists of open mining pits, water filled pits, dirt roads, and vacant property (Figure 2).

Operations

The subject property parcels are owned by Arizona State Land Department and leased to NGC. Primary operations include crushing, staging, loading, waste tailings, and equipment storage areas for local surface mining of gypsum. In general, in open pit gypsum operations, benches are drilled and blasted using ammonium nitrate as the explosive. Ancillary operations include machine maintenance, fueling, and administrative operations. No mining is currently being conducted at the subject property; however, previous mining operations have been located on the subject property.

Subject Property History

The subject property appeared as undeveloped, desert shrubland until at least 1939. A low-lying ponded area was present in the central portion of the subject property. From at least 1978 to 1983 gypsum mining activities appear to have commenced on the subject property. By 1992, the maintenance and office building and an above ground storage tank were present in the north-central area of the subject property. The current drum storage area appeared to be partially built. By 2009, the containment area associated with the present-day ASTs was present and the subject property generally appeared to be in its present-day configuration.

Surrounding Area

Adjoining properties are those which have a contiguous or partially contiguous border with the subject property, or those which would have a contiguous or partially contiguous border with the subject property but for a street, road, or other public thoroughfare separating the property from the subject property. The following properties adjoin the subject property (**Figure 2A**):

- **North:** Desert shrubland
- **East:** Desert shrubland, beyond which is an ephemeral stream
- **South:** Desert shrubland, beyond which is the Pinal County Community College
- **West:** Highway 77, beyond which is desert shrubland

Land use in the surrounding area consists of gypsum mining and desert shrubland.

Findings and Opinion

Arcadis has performed a Phase I ESA of the subject property in conformance with the scope and limitations of ASTM E1527-21 for Phase I ESAs. This assessment has revealed the following recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), historical recognized environmental conditions (HRECs), and noteworthy conditions as defined in Section 1 of this Phase I ESA Report.

Recognized Environmental Conditions

No RECs were identified in connection with the subject property.

Controlled Recognized Environmental Conditions

No CRECs were identified in connection with the subject property.

Historical Recognized Environmental Conditions

No HRECs were identified in connection with the subject property.

Noteworthy Conditions

The following noteworthy conditions were identified in connection with the subject property:

Kerosene UST: The EDR radius report identified a 1,000-gallon kerosene UST. The UST was installed in February of 1984 and removed in June of 1988. The listing was shown as permanently closed and there is no indication the UST had a release. The historical UST is a noteworthy condition.

Inactive/Abandoned Chemical Storage: Arcadis observed empty drums on bare ground west of the maintenance building, as well as empty/inactive fuel storage ASTs in the north-central portion of the subject property. The presence of abandoned empty drums and ASTs on unpaved surfaces is considered a noteworthy condition.

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Winkelman Arizona Property: 1103 North Highway 77, Winkelman, Arizona

Significant Data Gaps

No significant data gaps were identified during this Phase I ESA.

1 Introduction

Arcadis U.S., Inc. (Arcadis) was retained by National Gypsum Company (National Gypsum) to conduct a Phase I Environmental Site Assessment (ESA) for the Winkelman Property (Winkelman Property) facility located at 1103 North Highway 77, Winkelman, Pinal County, Arizona (the subject property). This Phase I ESA Report has been prepared in accordance with the *Proposal for Phase I Environmental Site Assessment*, dated October 4, 2022, for use by NGC and the Arizona State Land Department (ASLD).

1.1 Purpose

Arcadis understands that the purpose for conducting this Phase I ESA is to assess and document the current status of environmental impact conditions at the subject property.

1.2 Scope of Work

The Phase I ESA was performed in general accordance with the ASTM International (ASTM) Standard E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E1527-21), including the limitations outlined in the standard. The goal of the Phase I ESA was to identify recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), and historical recognized environmental conditions (HRECs) associated with the subject property.

Findings from this Phase I ESA are classified and defined as follows:

- A REC is defined in ASTM E1527-21 as “the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.”
- A CREC is defined in ASTM E1527-21 as “recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations).”
- An HREC is defined in ASTM E1527-21 as “a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations).”
- A de minimis condition is defined in ASTM E1527-21 as “condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be a de minimis condition is not a recognized environmental condition nor a controlled recognized environmental condition.”

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Winkelman Arizona Property: 1103 North Highway 77, Winkelman, Arizona

- Noteworthy Conditions are considered environmental issues that do not clearly fall within the ASTM definition of a REC, CREC, HREC, or de minimis condition, fall outside the scope of the ASTM practice (e.g., asbestos), or are considered a business environmental risk.

As required by ASTM E1527-21, the scope of work for this Phase I ESA included the following elements, except as otherwise indicated as a data gap in Section 8.8 or as a deviation in Section 8.9 of this report:

- **Review of User-provided Information:** Arcadis requested and reviewed documents and information provided by the User.
 - The User of this Phase I ESA are National Gypsum and the Arizona State Land Department.
- **Review of Physical Setting Resources:** Arcadis contracted Environmental Data Resources, Inc. (EDR) to provide a report (EDR Report) summarizing physical setting information for the subject property and surrounding area. Arcadis also reviewed other physical setting resources.
- **Review of Government Records:** The EDR Report also summarizes federal, state, tribal, and local environmental record source database listings for the subject property and for the adjoining and surrounding properties within specified search radii, as required by ASTM E1527-21. Arcadis also reviewed regulatory agency files and records, as deemed necessary and documented in Section 8.2 of this Report.
- **Review of Historical Records:** Arcadis reviewed historical records to understand the past uses of the subject property, adjoining properties, and surrounding area.
- **Site reconnaissance:** Arcadis completed a site reconnaissance to visually observe exterior areas and accessible interior common areas and representative occupant spaces. Arcadis did not look under floors, above ceilings, or behind walls. Adjacent properties and the surrounding area were viewed from the subject property and/or from publicly accessible properties or rights-of-way.
 - Ms. Jessie Moore and Mr. Matt Monte of Arcadis performed the site reconnaissance on March 10, 2023.
 - During the site reconnaissance, the temperature was approximately 50-75° Fahrenheit, and conditions were observed to be sunny.
- **Interviews with Owners, Operators, and Occupants:** Arcadis interviewed Mr. Ben Morse, Mine Engineer, and Mr. Alex Wobig, Mine Engineer, (both associated with the subject property for approximately 1 to 2 years) during the site reconnaissance. Mr. Morse and Mr. Wobig are the key site managers, as defined in ASTM E1527-21.
- **Interviews with Local Government Officials:** Arcadis interviewed government officials via submission of a request for information regarding the subject property.
- **Evaluation and Report:** This Phase I ESA Report summarizes and documents the Phase I ESA.

The scope of work for the Phase I ESA also included the following:

- A cursory visual observation for apparent wetland areas in accessible exterior areas of the subject property and review of readily available wetlands information to identify wetlands that have been previously delineated and/or reported to be present on the subject property.
- A cursory visual observation to identify typical suspect asbestos-containing materials (ACMs) and a review of associated documentation.
- A high-level assessment to identify current or historical use, storage, or disposal of per- and polyfluoroalkyl substances (PFAS) at the subject property, and a review of the EDR Report to identify known releases of PFAS at adjoining or surrounding properties (within the search distances specified in ASTM E1527-21) that

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Winkelman Arizona Property: 1103 North Highway 77, Winkelman, Arizona

are likely to impact the subject property. Arcadis notes that the search radii specified in ASTM E1527-21 and the inherent limitations of PFAS-related database information may not be suited to fully evaluate the potential for PFAS impacts from off-property sources.

The scope of work for this Phase I ESA did not include the collection or analysis of soil, water, air, other environmental media, transformer/electrical fluids, ACMs, other building materials, or other samples.

2 Subject Property Setting and Description

2.1 Subject Property Location

The subject property is associated with address 1103 North Highway 77, Winkelman, Pinal County, Arizona (**Figure 1**). The property consists of three Client-identified sections: (1) approximately 10 acres identified as Land Number 06.0-S-16.0-E-33-11-031-8000, (2) approximately 320 acres identified as Land Number 06.0-S-16.0-E-34-11-031-8001, and (3) approximately 60 acres identified as Land Number 07.0-S-16.0-E-03-11-031-8001. Land use in the surrounding area consists of vacant scrubland, active and abandoned mining facilities and associated infrastructure, and transportation corridors.

2.2 Subject Property Layout Description

The subject property comprises approximately 390-acres across several parcels. The subject property is improved with a curbed drum storage shed, an approximately 3,000-square-foot equipment maintenance building, and several concrete pads. The maintenance building is in the north-central portion of the subject property. A tank containment area to the east of the maintenance shop contains an approximately 500-gallon diesel aboveground storage tank (AST), an approximately 120-gallon gasoline AST, and several 55-gallon drums containing chemicals (oils and lubricants) associated with equipment maintenance. A curbed, concrete drum storage area with canopy is in the vicinity of the maintenance shop and containment area. A conex container and two explosive storage magazines located in the central-eastern portion of the subject property is used to store ammonium nitrate/fuel oil (ANFO), explosive caps, and boosters. The remainder of the subject property consists of open mining pits, water filled pits, dirt roads, and vacant property (**Figure 2**).

Photographs of the subject property and surrounding areas were taken to document current conditions and are included in **Appendix A**.

2.2.1 Heating and Cooling

Heat is provided in the maintenance area building by ceiling-mounted radiant heaters. The offices are cooled by window-mounted portable air conditioning units.

2.3 Operations

The subject property parcels are owned by Arizona State Land Department and leased to National Gypsum. Primary operations include crushing, staging, loading, waste tailings, and equipment storage areas for local surface mining of gypsum. In general, in open pit gypsum operations, benches are drilled and blasted using ammonium nitrate as the explosive. Ancillary operations include machine maintenance, fueling, and administrative operations. No mining is currently being conducted at the subject property; however, previous mining operations have been located on the subject property.

2.4 Physical Setting

2.4.1 Topography

According to information obtained from the U.S. Geological Survey (USGS) 7.5 Minute Series Topographic Map of the Lookout Mountain quadrangle dated 2018, the elevation of the subject property ranges from approximately 2,120 feet above mean sea level to 2,200 feet above mean sea level. The topography of the subject property is variable due to surface mining pits and rough terrain. The topography of the surrounding area is generally hilly, and the general topographic gradient is to the north-northwest.

2.4.2 Geology

No previous environmental investigation reports were available for the subject property; therefore, property-specific geology information was not available. Geologic information in the EDR Report (**Appendix B**) specifies that the sediments beneath the subject property have been identified as part of the Pliocene Series of the Tertiary System of the Cenozoic Era. According to the United States Department of Agriculture (USDA) Soil Conservation Service, the subject property is underlain by the white house soil component, which has a surface soil texture of gravelly loam and exhibits slow infiltration rates.

2.4.3 Hydrology

2.4.3.1 Surface Water

Several man-made pits containing water are located on the subject property. An ephemeral stream transects the northwest area of the subject property in an east-west trend.

2.4.3.2 Wetlands

According to information obtained from the U.S. Fish and Wildlife Service (FWS) National Wetland Inventory (NWI) included in the EDR Report, no NWI-delineated wetland areas are located on the subject property. No delineated wetlands were identified within one mile of the subject property. During the site reconnaissance, Arcadis did not observe apparent wetlands at the subject property.

2.4.4 Hydrogeology

According to the EDR Radius Report, three wells are located on the subject property. Of the three wells, the report contains construction details for one. Well 505957 was installed in May of 1984 and is located approximately 670 feet north of the maintenance and office building. The well is used to supply mining production water to the subject property. The well construction information indicates that the total well depth is 1,080 feet bgs and the depth to the water table was 75 feet bgs at the time of construction. Arcadis did not observe these well locations during the site reconnaissance.

No previous environmental investigation reports were available for the subject property; therefore, property-specific hydrogeology information was not available. Groundwater commonly reflects surficial topography; however, groundwater flow can be influenced locally and regionally by the presence of local wetland features,

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Winkelman Arizona Property: 1103 North Highway 77, Winkelman, Arizona

surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and locations of subsurface soils, and proximity to water pumping wells. Based on interpretation of the U.S. Geological Survey 7.5 Minute Series Topographic Map of the Lookout Mountain quadrangle dated 2018, groundwater flow appears to be to the northwest, toward an unnamed ephemeral stream, which transects the northwestern corner of the subject property. A hydrogeological investigation would be necessary to make a more definitive determination of the direction of groundwater flow.

3 Subject Property History

3.1 Historical Subject Property Summary

The subject property appeared as undeveloped, desert shrubland until at least 1939. A low-lying ponded area was present in the central portion of the subject property. From at least 1978 to 1983 gypsum mining activities appear to have commenced on the subject property. By 1992, the maintenance and office building and an above ground storage tank were present in the north-central area of the subject property. The current drum storage area appeared to be partially built. By 2009, the containment area associated with the present-day ASTs was present and the subject property generally appeared to be in its present-day configuration.

3.2 Historical Information Sources

A list of the sources reviewed (**Appendix C**) is presented in the table below; information from these sources is summarized in Section 3.1. Additional details regarding the records (such as the names of the publishers, titles of the publications, and years of publication for city directories, business directories, and historical maps; the names of the entities that produced aerial photographs, and dates or years that the photographs were taken) are included in the appended documents.

Table 1. Historical Information Sources

Type of Record	Dates of Information	Source
Aerial photographs and satellite imagery	1947, 1956, 1967, 1978, 1983, 1992, 2005, 2007, 2010, 2015, 2019	The EDR Aerial Photo Decade Package
Aerial photographs and satellite imagery	2009, 2014, 2019, 2020	Google Earth Pro
Aerial photographs and satellite imagery	1983, 1992, 2005, 2007, 2010, 2013, 2015, 2017, 2019	Nationwide Environmental Title Research, LLC (NETR) Online
Fire insurance maps	No maps available	Certified Sanborn® Map Report
Property tax files	2000, 2001, 2007, 2010, 2012, 2022	Property record card (Pinal County Treasurer [https://treasurer.pinal.gov/parcelinquiry/Parcel/OwnerHistory/])
Recorded land title records	No records available	Deed (Pinal County Assessor's Office [https://acclaim.pinalcountyz.gov/AcclaimWeb/])
USGS topographic maps	1911, 1913, 1949, 1950, 1972, 2014, 2018	EDR Historical Topo Map Report with Quadmatch™
Local street directories	2005, 2010, 2017	EDR-City Directory Image Report

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Winkelman Arizona Property: 1103 North Highway 77, Winkelman, Arizona

Type of Record	Dates of Information	Source
Zoning/land use records	No records available	Winkelman Zoning Map (Pinal County Building Safety) [https://citizenaccess.pinalcountyaz.gov/]

3.3 Prior Environmental Assessments, Investigations, and Events

No prior environmental reports were available for the subject property. Arcadis identified no evidence of previous environmental assessments or investigations at the subject property.

4 Subject Property Regulatory Database Information

The EDR Report summarizes the federal, state, tribal, and local environmental record source regulatory database listings for the subject property and for the adjoining and surrounding properties within specified search radii, as required by ASTM E1527-21. The subject property address was listed on the databases indicated in the table below. Details of the database listings are discussed in the sections of this Report indicated below; database listings pertaining only to environmental compliance are not further discussed.

Table 2. Environmental Database Listings

Database Name	Database Description	Entity Name Listed	Report Section
Arizona Underground Storage Tank (UST)	The UST database identifies registered USTs in Arizona.	Feldman Quarry	Section 5.1.2
Arizona Aboveground Storage Tank (AST)	The AST database identifies registered ASTs in Arizona.	National Gypsum Company	Section 5.1.1
US Mines	The US Mine database identifies registered mine locations.	Gold bond Building Products, LLC Feldman #2	NA

Search results for the adjoining and surrounding properties are discussed in Section 6.

5 Operational Environmental Matters

5.1 Material Handling and Storage

5.1.1 Aboveground Storage Tanks (ASTs)

Based on a review of the EDR Radius Report and Arcadis' observations, the following ASTs are currently present at the subject property:

Table 3. List of Aboveground Storage Tanks

Construction Material	Capacity	Contents	Year Installed	Status	Secondary Containment
Steel	1,000 gallons	Diesel	1994	Active	Concrete structure
Steel	120 gallons	Gasoline	1994	Active	Concrete structure
Steel	5,000 gallons	Diesel	Unknown	Active/Temporary	Double walled
Steel	5,000 gallons	Empty diesel	Unknown	Inactive	None

A third-party diesel AST was observed on bare ground between the maintenance building and containment pad. Arcadis observed approximately 2 square feet of stained soil adjacent to the third-party tank. Due to the size of the stain, the staining is a de minimis condition. No additional staining was noted in the vicinity of the remaining three ASTs. The presence of abandoned inactive or empty ASTs remaining at the subject property is a noteworthy condition.

Arcadis did not identify reported spills or releases associated with the ASTs. No other ASTs were observed at the subject property, and no evidence of other historical ASTs was identified through the review of the sources listed in Section 8 or through physical evidence observed during the site reconnaissance. Other bulk storage containers that do not meet the definition of an AST are discussed in Section 5.1.3.

5.1.2 Underground Storage Tanks (USTs)

The EDR Radius Report identifies one 1,000-gallon kerosene UST that was located near the western pit. The UST was installed in 1984 and removed in 1988. The tank was a single wall asphalt coated or bare steel tank and owned by Gold Bond Building Products. Arcadis did not identify reported spills or releases associated with this UST. Therefore, the historical presence of an on-site UST is considered a noteworthy condition.

No evidence of other current or historical USTs was identified through the review of the sources listed in Section 8 or through physical evidence observed during the site reconnaissance.

5.1.3 Other Material Handling and Storage

Based on Arcadis' observations, the following materials are currently handled and stored at the subject property:

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Winkelman Arizona Property: 1103 North Highway 77, Winkelman, Arizona

Table 4. List of Materials Handled and Stored at the Subject Property

Material	Number of Containers, Capacity, and Type	Storage Location	Secondary Containment
Diesel Exhaust Fluid	Three 55-gallon poly drums	AST Containment Area	Concrete pad with curbing
Coolant	Two 55-gallon steel drums	AST Containment Area	Concrete pad with curbing
Hydraulic Fluid	One 55-gallon steel drum	Drum Storage Area	Concrete pad with curbing
Used Oil	Four 55-gallon steel drums	Drum Storage Area	Concrete pad with curbing
ANFO	Unknown	Conex Container	None

Minor staining was observed on the concrete of the AST containment area and drum storage area; however, the concrete was observed to be in good condition with no cracks or holes. Therefore, this staining is a de minimis condition.

No floor drains are located near the storage areas for the above-listed materials.

Arcadis did not observe containers of hazardous substances or petroleum products, other than those described above and used in connection with identified uses at the subject property.

Arcadis observed empty drums on bare ground west of the maintenance building. No staining or odors were observed in the vicinity of the empty drums; however, the presence of abandoned empty drums on an unpaved surface is considered a noteworthy condition.

5.2 Air Emissions

Arcadis did not observe air emissions that are likely to adversely affect other environmental media or to present a REC at the subject property.

5.3 Solid Waste

5.3.1 Hazardous Waste

No hazardous wastes were observed to be generated or disposed at the subject property, and no evidence of historical hazardous waste generation or disposal on the subject property was identified through the review of the sources listed in Section 8 or through physical evidence observed during the site reconnaissance.

5.3.2 Other Regulated Waste

Based on a review of the EDR report and Arcadis' observations, the following other regulated waste streams are currently generated at the subject property: universal waste and used oil.

The wastes are accumulated in a drum storage area. During the site reconnaissance, Arcadis observed four 55-gallon drums containing used oil in this area. The containers were situated on a curbed concrete pad. In general,

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Winkelman Arizona Property: 1103 North Highway 77, Winkelman, Arizona

housekeeping in the waste accumulation area was observed to be good. Minimal staining was observed in the drum storage area.

Arcadis did not identify reported spills or releases of other regulated waste at the subject property. No other regulated wastes were observed at the subject property, and no evidence of other historical regulated wastes was identified through the review of the sources listed in Section 8.

5.3.3 Non-Hazardous Waste

Based on Arcadis' observations, the following non-hazardous solid waste and recycling streams are currently generated at the subject property:

- Paper, cardboard, and general refuse are stored and are transported off-property for recycling or landfilling. In general, housekeeping in the non-hazardous waste accumulation areas was observed to be good. No staining or evidence of spills or releases was noted.

Arcadis was not made aware of spills or releases of non-hazardous waste at the subject property. No other non-hazardous wastes were observed at the subject property, and no evidence of other historical non-hazardous wastes was identified through the review of the sources listed in Section 8 or through physical evidence observed during the site reconnaissance.

5.3.4 Solid Waste Disposal on the Subject Property

During the site reconnaissance, Arcadis looked for areas that were apparently filled or graded by non-natural causes (or filled with material of unknown origin) that suggest the presence of trash construction debris, demolition debris, or other solid waste disposal, or mounds or depressions suggesting trash or other solid waste disposal. With the exception of grading and filling activities associated with surface mining, no such areas were observed.

No other evidence of disposal of hazardous wastes or other solid wastes at the subject property was identified.

5.4 Water, Wastewater, and Storm Water

5.4.1 Water Use and Supply

Potable water at the subject property is provided by a third-party contractor via a tanker truck and placed into an onsite aboveground water tank adjacent to the maintenance building. Furthermore, additional empty water tanks were observed at the subject property during the site reconnaissance, and are currently inactive or abandoned, but previously were utilized for storage of potable water.

According to the EDR report, three wells are located at the subject property; however, it is likely these wells were utilized for mining process and not as a source of potable water.

5.4.2 Wastewater

No drains or sumps were observed at the subject property.

5.4.2.1 Septic Systems and Cesspools

A restroom is located inside the maintenance building. The subject property is not connected to a municipal sanitary sewer, so it is assumed that a septic system is located in the vicinity of the maintenance building. Arcadis was not able to identify the location of a septic system or septic system components. No evidence of chemical disposal was apparent at this restroom.

5.4.2.2 Discharges to Publicly Owned Treatment Works

The subject property is not connected to municipal wastewater utilities. No wastewater is associated with the mining operations of the subject property. A restroom was observed in the maintenance building and is assumed to discharge to a septic system.

5.4.2.3 Pits, Ponds, and Lagoons

Other than ponds in low-lying mined areas in the central portion of the subject property, no pits, ponds, or lagoons are located at the subject property. No sheens or indications of releases were observed in the vicinity of these ponds.

5.4.3 Storm Water

Stormwater runoff sheet flows to low-lying areas on the subject property, including the central ponds. No sheens were noted on the water in the ponds, and no stained or stressed vegetation was noted around the ponds.

5.5 Hazardous Building Materials and Conditions

5.5.1 Asbestos-Containing Materials (ACMs)

ACMs have historically been used in a variety of building materials and other products. Between 1973 and 1978, under the asbestos National Emission Standard for Hazardous Air Pollutants (NESHAP), the USEPA banned spray-applied surfacing ACM. In 1989, the USEPA issued a final rule under Section 6 of the Toxic Substances Control Act (TSCA) banning most asbestos-containing products; however, in 1991, the rule was vacated and remanded by the Fifth Circuit Court of Appeals. Only the bans on corrugated paper, rollboard, commercial paper, specialty paper, flooring felt, and any new uses of asbestos remain banned under the 1989 rule. In addition, the Occupational Safety and Health Act defines presumed ACM (PACM) as thermal system insulation (TSI) and surfacing material found in buildings constructed no later than 1980.

Structures at the subject property were constructed between 1983 and 1992. Based on the construction date, it is unlikely that ACMs were used in the construction.

5.6 Other Hazardous Substances and Emerging Contaminants

5.6.1 Polychlorinated Biphenyls (PCBs)

PCBs are a group of organic chemicals that were used historically in a variety of industrial and chemical applications, including transformers, ballasts, other electrical equipment, and hydraulic oils, among many other products. PCBs were manufactured in the United States from 1929 until 1979, when PCB manufacturing was banned due to the toxicity of PCBs.

Electrical equipment manufactured after July 2, 1979 can be assumed to be non-PCB (i.e., <50 ppm PCBs). Structures at the subject property were constructed between 1983 and 1992. Based on the construction date, it is unlikely that PCBs are present in equipment and materials at the subject property. Four pole-mounted electrical transformers were observed northeast of the conveyor belt. The transformers appeared to be in good condition, with no observable leaks or staining. No labels were observed to indicate the PCB-content of the transformers.

5.6.2 Per- and Polyfluoroalkyl Substances (PFAS)

Per- and polyfluoroalkyl substances (PFAS) are a large group of emerging contaminants of which Perfluorooctanoic acid (PFOA) and Perfluorooctanesulfonic acid (PFOS) currently are the two most widely regulated compounds. PFAS can be used in a variety of commercial, industrial, and fire-fighting applications and in medical and consumer products. Other potential sources of PFAS include landfills, biosolids, and pulp and paper mill residuals. PFAS have been manufactured and used in various industries around the world since the 1940s. PFOA and PFOS are no longer manufactured in the United States but are still produced internationally and can be imported into the United States.

Regulatory scrutiny associated with PFAS is increasing, and although USEPA has not yet established regulatory cleanup standards for PFAS, several states have begun promulgating such standards.

Based on Arcadis' review of the sources identified in Section 8.0, neither current nor historical subject property operations appear to include the use of PFAS. Known or potential sources of PFAS associated with adjacent or surrounding properties, if identified, are discussed in Section 6.0.

5.7 Indicators of Environmental Impact

5.7.1 Odors

No odors that would indicate a REC were noted during the site reconnaissance.

5.7.2 Stains and Corrosion

De minimis oil staining was observed on the concrete floor inside the AST containment area and the drum storage area; however, the concrete was observed to be in good condition with no evidence of cracks, breaks, or other direct conduits to the subsurface. An area of staining in dirt was also observed near a third-party diesel AST;

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Winkelman Arizona Property: 1103 North Highway 77, Winkelman, Arizona

however, this area was approximately 2 square feet and the AST was empty/inactive. As a result, these stained areas are a de minimis condition.

5.7.3 Stressed Vegetation

During the site reconnaissance, Arcadis' representative looked for areas of stressed vegetation (from other than insufficient water). No areas of stressed vegetation were observed during this assessment.

5.7.4 Environmental Liens and Activity and Use Limitations

Arcadis was not made aware of environmental liens or activity and use limitations (AULs) associated with the subject property.

6 Adjoining Properties and Surrounding Area

6.1 Current Uses of Adjoining Properties and Surrounding Area

Adjoining properties are those which have a contiguous or partially contiguous border with the subject property, or those which would have a contiguous or partially contiguous border with the subject property but for a street, road, or other public thoroughfare separating the property from the subject property. The following properties adjoin the subject property (**Figure 3**):

- **North:** Desert shrubland
- **East:** Desert shrubland, beyond which is an ephemeral stream
- **South:** Desert shrubland, beyond which is the Pinal County Community College
- **West:** Highway 77, beyond which is desert shrubland

Land use in the surrounding area consists primarily of gypsum mining and desert shrubland.

No physical evidence of impact to the subject property from the adjoining properties (such as outdoor storage of drums, tanks, pooled liquids, or poor chemical or waste handling) was observed during a visual survey of the adjoining properties conducted at the time of the site reconnaissance.

6.2 Historical Uses of Adjoining Properties and Surrounding Area

The subject property appeared as undeveloped, desert shrubland until at least 1939. A low-lying ponded area was present in the central portion of the subject property. Highway 77 was constructed between 1956 and 1957 on adjacent property to the west. Between 1967 and 1978, the structures associated with Pinal Community College were constructed. Between 1978 and 1983 gypsum mining related activities appear to have commenced on the subject property. Mining activities on adjacent property to the east occurred concurrently with activities on the subject property. In general, the adjacent and surrounding properties have remained relatively undeveloped.

6.3 Environmental Record Sources and Regulatory Agency File and Records Reviews

The EDR Report summarizes the federal, state, tribal, and local environmental regulatory database listings for the subject property and for the adjoining and surrounding properties within specified search radii, as required by ASTM E1527-21. Adjoining and surrounding properties identified within the search radii were evaluated to determine if they are likely to have adversely impacted the subject property. The criteria used to evaluate the potential for adverse impact to the subject property include:

- Distance from the subject property
- Expected depth and direction of groundwater flow.

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Winkelman Arizona Property: 1103 North Highway 77, Winkelman, Arizona

- Expected direction of surface water and stormwater runoff flow
- Presence or absence of documented releases of hazardous substances and/or petroleum products at the identified facilities, the nature of such releases, and where applicable, status of associated investigations, remediation, and regulatory closure

6.3.1 Adjoining Properties

Adjoining properties identified in the databases and a determination of the necessity of further regulatory agency research are listed in the following table:

One adjoining property was identified in the databases in the EDR Report. PR Gypsum-Winkelman Mine was identified at 473 South Highway 77, located west-adjacent to the subject property (downgradient), was listed on the US Mines and Abandoned Mines databases. The database indicates that the PR Gypsum Mine received several citations; however, the citations were not detailed in the report. The mine was listed as abandoned in December of 2011.

Given the downgradient location of the PR Gypsum mine and downgradient location relative to the subject property, and the nature of the listings, this listing is not considered a REC.

6.3.2 Surrounding Properties

One surrounding property was identified on the databases in the EDR Report. Based on the criteria listed in Section 6.3, none of the surrounding properties listed in the EDR Report are likely to represent a concern of environmental impairment to the subject property.

7 Conclusions

7.1 Findings and Opinion

Arcadis has performed a Phase I ESA of the subject property in conformance with the scope and limitations of ASTM Practice E1527-21 for Phase I ESAs. This assessment has revealed the following RECs, CRECs, HRECs, de minimis conditions, and noteworthy conditions as defined in Section 1.2 of this Phase I ESA Report. Other findings, which do not constitute a REC, CREC, HREC, or de minimis condition in the opinion of the Environmental Professional, may be discussed previously in this report.

7.1.1 Recognized Environmental Conditions

No RECs were identified in connection with the subject property.

7.1.2 Controlled Recognized Environmental Conditions

No CRECs were identified in connection with the subject property.

7.1.3 Historical Recognized Environmental Conditions

No HRECs were identified in connection with the subject property.

7.1.4 De Minimis Conditions

The following de minimis condition was identified in connection with the subject property:

Staining: De minimis oil staining was observed on the concrete floor inside the AST containment structure and drum storage area; however, the concrete was observed to be in good condition with no evidence of cracks, breaks, or other direct conduits to the subsurface. An area of staining in dirt was also observed near a third-party diesel AST; however, this area was approximately 2 square feet and the AST was empty/inactive. As a result, these stained areas are a de minimis condition.

7.1.5 Noteworthy Conditions

The following noteworthy conditions were identified in connection with the subject property:

Kerosene UST: The EDR radius report identified a 1,000-gallon kerosene UST. The UST was installed in February of 1984 and removed in June of 1988. The listing was shown as permanently closed and there is no indication the UST had a release. The historical UST is a noteworthy condition.

Inactive/Abandoned Chemical Storage: Arcadis observed empty drums on bare ground west of the maintenance building, as well as empty/inactive fuel storage ASTs in the north-central portion of the subject property. The presence of abandoned empty drums and ASTs on unpaved surfaces is considered a noteworthy condition.

7.1.6 Significant Data Gaps

No significant data gaps were identified during this Phase I ESA.

7.2 Environmental Professional Statement

We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in Title 40 of the Code of Federal Regulations (CFR) § 312.10, and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR § 312.*

The designated Environmental Professionals for this project are Ms. Becky Steever, Ms. Natalie Gillman-Kinder, and Mr. Matthew A. Monte.

Resumes for Ms. Steever, Ms. Gillman-Kinder, and Mr. Monte are attached in **Appendix F**.

*A professional geologist's or registered environmental assessor's certification of conditions comprises a declaration of his or her professional judgment. It does not constitute a warranty or guarantee, expressed or implied, nor does it relieve any other party of its responsibility to abide by contract documents, applicable codes, standards, regulations, and ordinances.

8 Sources, References, Assumptions, and Limitations

8.1 User-provided Information

National Gypsum or the Arizona State Land Department did not provide information regarding the subject property to satisfy the User’s responsibilities described in ASTM E1527-21 Sections 6.2 to 6.7. This is a data gap, as described in Section 8.8 of this Phase I ESA Report.

8.2 Records Review

8.2.1 Regulatory Agency File and Records Reviews

Regulatory agency files and records requested and/or reviewed for the subject property are summarized in the following table:

Table 5. Regulatory Agency File and Records Requests

Agency	Method of Request	Date of Request	Response
USEPA	Online database review (Envirofacts, ECHO)	March 20, 2023	No records available
Arizona Department of Environmental Quality	Online database review ADEQ GIS eMaps	March 20, 2023	Records provided (see Section #5.1.2)
Pinal County Building Safety	Online Form Request	March 20, 2023	Request acknowledged, information not yet received

8.2.2 Physical Setting Sources

The physical setting sources are described in Section 2.4 of this Report.

8.2.3 Standard and Other Historical Sources

The standard and other historical sources are listed in Section 3.2 of this Report.

8.3 Interviews with Past and Present Owners and Occupants

Arcadis interviewed the following owner(s) and occupant(s) of the subject property:

- Mr. Ben Morse, Mine Engineer (present owner/occupant representative)

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Winkelman Arizona Property: 1103 North Highway 77, Winkelman, Arizona

- Mr. Alex Wobig, Mine Engineer (present owner/occupant representative)

Contact information for past owners and occupants of the subject property was not provided to Arcadis. The subject property is not abandoned; therefore, owners and occupants of neighboring or nearby properties were not interviewed.

8.4 Interviews with State and/or Local Government Officials

State and/or local government officials contacted during this Phase I ESA are summarized in Section 8.2.1.

8.5 Other References

ASTM. 2021. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E 1527-21.

EDR. 2023. EDR Radius Map™ Report with GeoCheck®. Inquiry Number 7270629.2s. March 06.

EDR. 2023. The EDR Aerial Photo Decade Package. Inquiry Number 7270629.8. March 08.

EDR. 2023. The EDR-City Directory Image Report. Inquiry Number 7270629.5. March 06.

EDR. 2023. EDR Historical Topo Map Report with Quadmatch™. Inquiry Number 7270629.4. March 06.

EDR. 2023. Certified Sanborn® Map Report. Inquiry Number 7270629.3. March 06.

Other documents reviewed are referenced throughout this Phase I ESA.

8.6 Significant Assumptions

Arcadis has assumed that the information sources used for this Phase I ESA provided accurate information.

Evaluations presented in this Phase I ESA Report are based exclusively on the sources listed herein; no invasive field activities were conducted, and no laboratory analyses were performed.

The boundaries of the subject property were described in documents provided by National Gypsum and by interviews with subject property representatives. Arcadis has assumed that this information was accurate.

8.7 Limitations and Exceptions

The services performed and any opinions expressed by Arcadis in this Phase I ESA Report are based upon the limits of the Phase I ESA described herein. Arcadis has relied upon the accuracy of documents, information, data, and other materials provided or made available by the User and others. Arcadis has not independently verified such information and assumes no liability for the accuracy or completeness of such information. Conclusions provided with regard to subsurface soil and groundwater impacts are limited to those that can be formed based on a non-intrusive investigation. The absence of environmental hazards in the subsurface cannot be guaranteed based on conditions observed on the surface. The scope of this project did not include sampling of environmental media. Arcadis makes no guarantee that subject property conditions do not exist, or will not exist in the future,

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Winkelman Arizona Property: 1103 North Highway 77, Winkelman, Arizona

that were undetected or that could lead to liability in connection with the subject property. Similarly, past and present activities at the subject property indicating the potential for the existence of environmental concerns may not have been discovered by Arcadis. Such activities may include those that would indicate the potential for regulated hazardous substances at the subject property. Likewise, subject property conditions or subject property activities that were outside the scope of the services described above, or changes to subject property conditions or regulatory requirements may lead to liabilities in connection with the subject property that are not identified in this Phase I ESA Report. Arcadis has reviewed the information obtained in connection with the performance of the services described above, in keeping with existing applicable environmental consulting standards and enforcement practices but cannot predict what actions any given agency may take or what standards and practices may apply in the future.

Unless otherwise described in the body of this Phase I ESA Report, if any one or more of the standard sources under ASTM was not reviewed, this was due to information from the source not being readily available or a determination by the Environmental Professional that the standard source was not likely to be useful. Similarly, unless otherwise noted in this Phase I ESA Report, an incompleteness in connection with the review was determined not to affect the Environmental Professional's ability to form conclusions regarding the subject property.

Arcadis evaluates the potential for the presence or likely presence of vapor in the subsurface of the subject property using the Environmental Professional's professional judgment and evaluation of the available information and may use portions of ASTM E2600-15 as a guide. This evaluation is not a full Vapor Encroachment Screen (VES) pursuant to ASTM E2600-15. The vapor evaluation is not exhaustive and cannot wholly eliminate uncertainty regarding the presence or potential presence of vapors in the subsurface of the subject property.

Where access to portions of the subject property or to structures on the subject property was unavailable or limited, Arcadis renders no opinion and accepts no responsibility for assessment of the condition of these portions of the subject property, including specifically, but not limited to, the presence of hazardous substances or petroleum products at these locations. In addition, Arcadis renders no opinion concerning the presence or absence of hazardous substances or petroleum products where direct observation of any part of the subject property, or structure on the subject property, is limited by physical obstructions. Unless otherwise noted herein, Arcadis did not access the roof(s) of the subject property building(s).

The conclusions and observations are based upon limited data and professional opinions, and the site reconnaissance was performed on a particular date. Subject property conditions and activities may change after that date. Therefore, the risk of undiscovered environmental impairment of the subject property cannot be ruled out. Arcadis does not make any representations or warranties regarding the condition or value of the subject property, regardless of the results of the assessment presented in this Phase I ESA Report.

Arcadis' scope of work includes a cursory visual observation for apparent wetland areas and a cursory visual observation to identify typical suspect ACMs. The Arcadis representative who performed the site reconnaissance and made such observations is not necessarily a US Army Corps of Engineers (USACOE)-certified wetland professional or a state-accredited asbestos or lead-based paint inspector.

Arcadis makes no guarantees, certifications, warranties, or representations of any kind whatsoever, whether expressed or implied, regarding this Phase I ESA, the condition of the subject property, or the liabilities associated with the subject property.

8.8 Data Gaps

ASTM E1527-21 defines a data gap as “a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information.” The following data gaps were identified during this Phase I ESA:

User’s Obligations: The Users of this Phase I ESA did not provide information to the Environmental Professional(s) pursuant to ASTM E1527-21 Sections 6.2 to 6.7. Arcadis obtained information from Winkelman Property and reviewed publicly available environmental and historical property information to address this data gap. Based on information obtained from other sources, this data gap is unlikely to affect Arcadis’ ability to identify RECs at the subject property; therefore, this data gap is considered to be non-significant.

Sanitary Waste: Arcadis was not provided information regarding where the maintenance building restroom discharges. No evidence of waste discharge other than sanitary waste was observed in this restroom during the site reconnaissance. Based on the remote location of the subject property, it is likely the restroom drains discharge to a septic system. Based on Arcadis’ observations, this data gap is unlikely to affect Arcadis’ ability to identify RECs at the subject property; therefore, this data gap is considered to be non-significant.

8.9 Deviations

No deviations from ASTM E1527-21 occurred in this Phase I ESA.

8.10 Reliance

This Phase I ESA Report has been prepared for the sole use of National Gypsum, and the contents thereof may not be used or relied upon by any other person without the express written consent and authorization of Arcadis. Use of this Phase I ESA Report by any other party shall be at such party’s sole risk and liability.

8.11 Viability

The components of this Phase I ESA were completed on the dates indicated in the following table. The Phase I ESA is viable for 180 days following the earliest of the components specified below:

Table 6. Viability of Phase I ESA

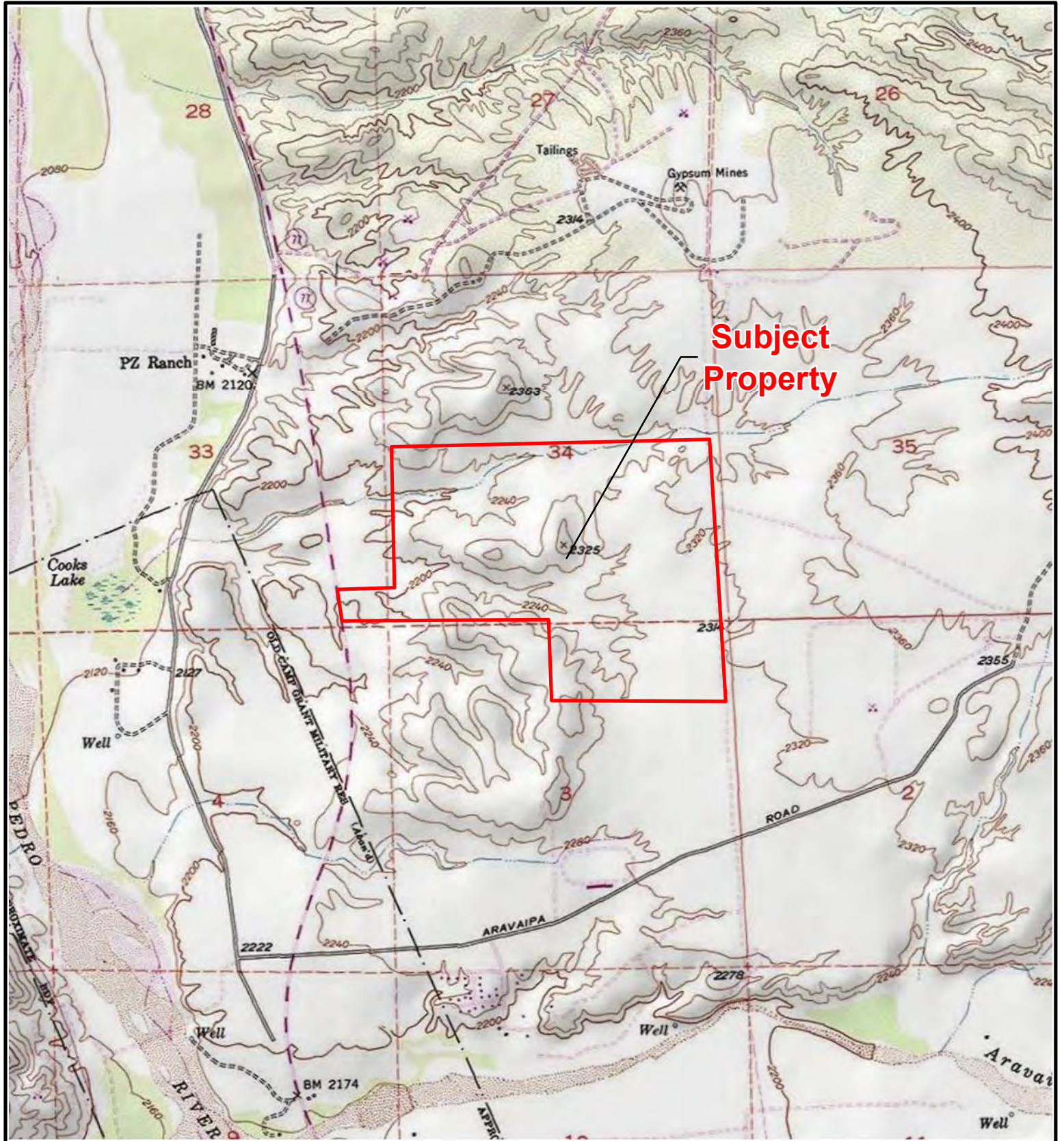
Component	Earliest Date Completed	Last Day of Viability
Interviews with owners, operators, and occupants	March 10, 2023	September 6, 2023
Searches for recorded environmental cleanup liens (a user responsibility)	User responsibility, date of execution not provided to Arcadis	Not applicable
Reviews of federal, tribal, state, and local government records	March 6, 2023	September 2, 2023

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT


Winkelman Arizona Property: 1103 North Highway 77, Winkelman, Arizona

Component	Earliest Date Completed	Last Day of Viability
Visual inspections of the subject property and of adjoining properties	March 10, 2023	September 6, 2023
Declaration by the environmental professional responsible for the assessment or update	March 31, 2023	September 27, 2023
Overall Viability Date		September 2, 2023

Figures



LEGEND:

 Subject Property

WINKELMAN ARIZONA PROPERTY
1103 NORTH HIGHWAY 77, WINKELMAN, AZ
PHASE I ENVIRONMENTAL SITE ASSESSMENT

**SUBJECT PROPERTY
LOCATION MAP**

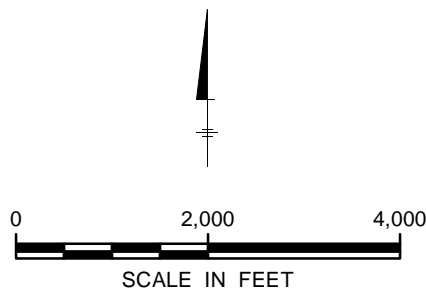
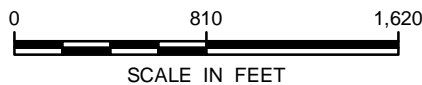


FIGURE
1



LEGEND:

 Subject Property



WINKELMAN ARIZONA PROPERTY
1103 NORTH HIGHWAY 77, WINKELMAN, AZ
PHASE I ENVIRONMENTAL SITE ASSESSMENT

**SUBJECT PROPERTY PLAN & ADJOINING
PROPERTIES MAP**



FIGURE
2A

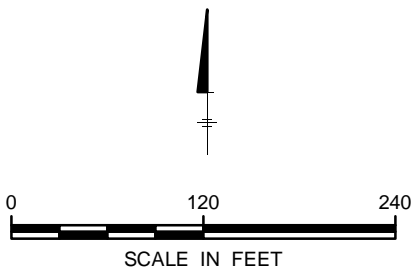


Maintenance Shop and Offices

Water Tank

AST Containment Pad

Drum Storage Area



WINKELMAN ARIZONA PROPERTY
1103 NORTH HIGHWAY 77, WINKELMAN, AZ
PHASE I ENVIRONMENTAL SITE ASSESSMENT

MAINTENANCE AREA
DETAILS MAP



FIGURE
2B

Appendix A

Subject Property Photographs

PROJECT PHOTOGRAPHS

National Gypsum
Winkleman, AZ



Photo: 1

Date: 03-10-2023

Description:

Looking east into west pit.

Photograph taken by:

Jessica Moore



Photo: 2

Date: 03-10-2023

Description:

Looking east into west pit.

Photograph taken by:

Jessica Moore

PROJECT PHOTOGRAPHS

National Gypsum
Winkleman, AZ



Photo: 3

Date: 03-10-2023

Description:

Looking east-southeast into ravine

Photograph taken by:

Jessica Moore



Photo: 4

Date: 03-10-2023

Description:

Looking west-northwest into ravine

Photograph taken by:

Jessica Moore

PROJECT PHOTOGRAPHS

National Gypsum
Winkelman, AZ



Photo: 5

Date: 03-10-2023

Description:

Looking south into
the west pit.

**Photograph
taken by:**

Jessica Moore



Photo: 6

Date: 03-10-2023

Description:

Looking at
gasoline and
diesel tanks in
containment area.

**Photograph
taken by:**

Jessica Moore

PROJECT PHOTOGRAPHS

National Gypsum
Winkelman, AZ



Photo: 7

Date: 03-10-2023

Description:
Diesel tank.

Photograph taken by:
Jessica Moore



Photo: 8

Date: 03-10-2023

Description:
Looking at drum storage including used oil.

Photograph taken by:
Jessica Moore

PROJECT PHOTOGRAPHS

National Gypsum
Winkleman, AZ



Photo: 9

Date: 03-10-2023

Description:

De minimis staining in drum storage area.

Photograph taken by:

Jessica Moore



Photo: 10

Date: 03-10-2023

Description:

Inactive diesel tank southwest of office trailer.

Photograph taken by:

Jessica Moore

PROJECT PHOTOGRAPHS

National Gypsum
Winkleman, AZ



Photo: 11

Date: 03-10-2023

Description:

Another view of diesel tank southwest of office trailer.

Photograph taken by:

Jessica Moore



Photo: 12

Date: 03-10-2023

Description:

Looking southwest towards the modern tailings.

Photograph taken by:

Jessica Moore

PROJECT PHOTOGRAPHS

National Gypsum
Winkelman, AZ



Photo: 13

Date: 03-10-2023

Description:

Looking north
along the gasoline
road

**Photograph
taken by:**

Jessica Moore



Photo: 14

Date: 03-10-2023

Description:

Caps container.

**Photograph
taken by:**

Jessica Moore

PROJECT PHOTOGRAPHS

National Gypsum
Winkleman, AZ



Photo: 15

Date: 03-10-2023

Description:

Solid ammonium nitrate prills and diesel fuel container.

Photograph taken by:

Jessica Moore



Photo: 16

Date: 03-10-2023

Description:

Solid ammonium nitrate prills and diesel fuel container.

Photograph taken by:

Jessica Moore

PROJECT PHOTOGRAPHS

National Gypsum
Winkleman, AZ



Photo: 17

Date: 03-10-2023

Description:

Blaster container.

**Photograph
taken by:**

Jessica Moore

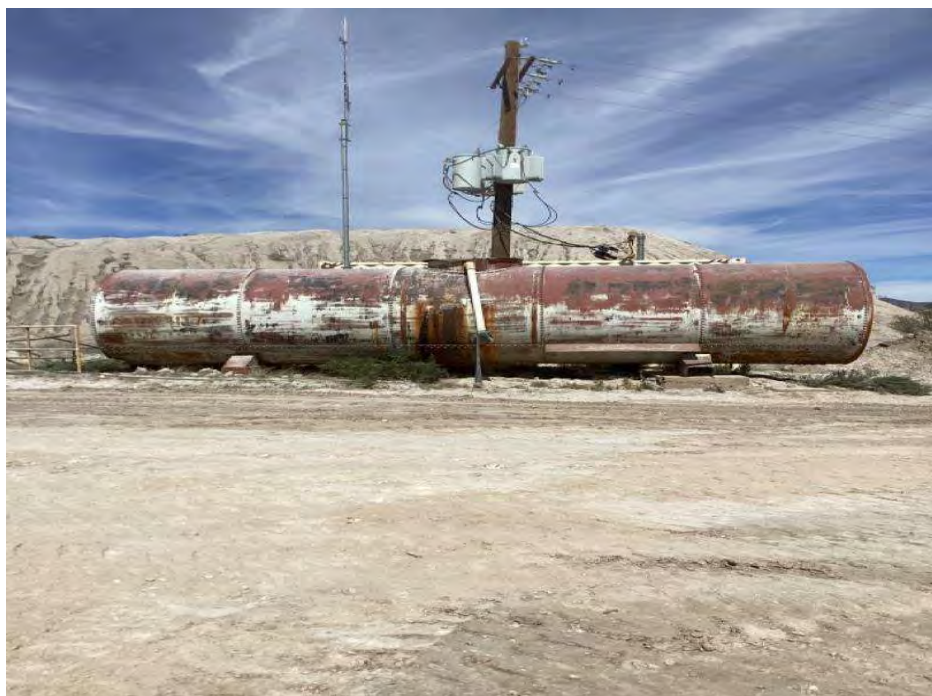


Photo: 18

Date: 03-10-2023

Description:

Former potable
water tank and
pole-mounted
transformers
northeast of
conveyor belt.

**Photograph
taken by:**

Jessica Moore

PROJECT PHOTOGRAPHS

National Gypsum
Winkelman, AZ



Photo: 19

Date: 03-10-2023

Description:
Conveyor belt.

Photograph taken by:
Jessica Moore



Photo: 20

Date: 03-10-2023

Description:
Storage container and old water tank northeast of conveyor belt.

Photograph taken by:
Jessica Moore

PROJECT PHOTOGRAPHS

National Gypsum
Winkleman, AZ



Photo: 21

Date: 03-10-2023

Description:

Scrap piles located south of conveyor belts.

Photograph taken by:

Jessica Moore



Photo: 22

Date: 03-10-2023

Description:

View northwest of open pit.

Photograph taken by:

Jessica Moore

PROJECT PHOTOGRAPHS

National Gypsum
Winkelman, AZ



Photo: 23

Date: 03-10-2023

Description:

Abandoned water tank in scrap pile.

Photograph taken by:

Jessica Moore



Photo: 24

Date: 03-10-2023

Description:

Inside maintenance building.

Photograph taken by:

Jessica Moore

PROJECT PHOTOGRAPHS

National Gypsum
Winkelman, AZ



Photo: 25

Date: 03-13-2023

Description:

Empty grease drums located west of the shop and office.

Photograph taken by:

Jessica Moore



Photo: 26

Date: 03-13-2023

Description:

Water tank located west of shop near office.

Photograph taken by:

Jessica Moore

PROJECT PHOTOGRAPHS

National Gypsum
Winkleman, AZ



Photo: 27

Date: 03-13-2023

Description:

Pond in the pit.

**Photograph
taken by:**

Jessica Moore



Photo: 28

Date: 03-13-2023

Description:

Pond in the west
pit.

**Photograph
taken by:**

Jessica Moore

Appendix B

EDR Radius Map™ Report with GeoCheck®

Winkelman

1103 N Highway 77
Winkelman, AZ 85192

Inquiry Number: 7270629.2s
March 06, 2023

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	24
Government Records Searched/Data Currency Tracking	GR-1
<u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	PSGR-1

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA) INFORMATION PROVIDED IN THIS REPORT.** Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2023 by Environmental Data Resources, LLC. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, LLC, or its affiliates, is prohibited without prior written permission.

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

EXECUTIVE SUMMARY

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 (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1103 N HIGHWAY 77
WINKELMAN, AZ 85192

COORDINATES

Latitude (North): 32.8633680 - 32° 51' 48.12"
Longitude (West): 110.6987330 - 110° 41' 55.43"
Universal Transverse Mercator: Zone 12
UTM X (Meters): 528187.1
UTM Y (Meters): 3635989.5
Elevation: 2297 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 11826868 LOOKOUT MOUNTAIN, AZ
Version Date: 2018

North Map: 11826842 DUDLEYVILLE, AZ
Version Date: 2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20150530
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 1103 N HIGHWAY 77
 WINKELMAN, AZ 85192

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	FELDMAN #2	1103 N HWY. 77	US MINES		TP
Reg	SAN CARLOS RESERVATI		INDIAN RESERV	Same	3150, 0.597, North
2	GOLD BOND BUILDING P		US MINES	Lower	1 ft.
3	FELDMAN QUARRY		UST	Higher	1 ft.
4	NEW NATIONAL GYPSUM	1103 SOUTH HIGHWAY 7	AST	Lower	392, 0.074, WSW
5	PR GYPSUM - WINKELMA	473S HWY 77	US MINES, ABANDONED MINES	Lower	945, 0.179, WNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
FELDMAN #2 1103 N HWY. 77 WINKELMAN, AZ 85292	US MINES Database: MINES VIOLATIONS, Date of Government Version: 11/29/2022	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG..... RCRA - Large Quantity Generators

EXECUTIVE SUMMARY

RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

AZ NPL..... NPL Detail Listing
AZ WQARF..... Water Quality Assurance Revolving Fund Sites

Lists of state- and tribal hazardous waste facilities

SPL..... Superfund Program List
SHWS..... ZipAcids List

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Directory of Solid Waste Facilities

Lists of state and tribal leaking storage tanks

LUST..... Leaking Underground Storage Tank Listing
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

AZURITE..... Remediation and DEUR/VEMUR Tracking System
AUL..... DEUR Database

Lists of state and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing
VCP..... Voluntary Remediation Program Sites

Lists of state and tribal brownfield sites

BROWNFIELDS..... Brownfields Tracking System

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE.....	Solid Waste Tire Facilities
INDIAN ODI.....	Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9.....	Torres Martinez Reservation Illegal Dump Site Locations
ODI.....	Open Dump Inventory
IHS OPEN DUMPS.....	Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL.....	Delisted National Clandestine Laboratory Register
CDL.....	Clandestine Drug Labs
US CDL.....	National Clandestine Laboratory Register

Local Land Records

LIENS 2.....	CERCLA Lien Information
--------------	-------------------------

Records of Emergency Release Reports

HMIRS.....	Hazardous Materials Information Reporting System
SPILLS.....	Hazardous Material Logbook
SPILLS 90.....	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR.....	RCRA - Non Generators / No Longer Regulated
FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites

EXECUTIVE SUMMARY

LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
FINDS.....	Facility Index System/Facility Registry System
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
PFAS NPL.....	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES.....	Federal Sites PFAS Information
PFAS TSCA.....	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
PFAS.....	PFAS Contamination Site Listing
AQUEOUS FOAM.....	Aqueous Film Forming Foam Listing
AIRS.....	Arizona Airs Database
Aquifer.....	Aquifer Protection Permits List
AZ DOD.....	Department of Defense Sites
Dry Wells.....	Drywell Registration
DRYCLEANERS.....	Drycleaner Facility Listing
EMAP.....	All Places of Interest Listing
Enforcement.....	Enforcement and Violation Listing
Financial Assurance.....	Financial Assurance Information Listing
MANIFEST.....	Facility and Manifest Data
SPDES.....	NPDES
VAPOR.....	Vapor Intrusion
UIC.....	Underground Injection Control Wells
WWFAC.....	Waste Water Treatment Facilities
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of state and tribal registered storage tanks

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Arizona UST-DMS Facility and Tank Data Listing by City database.

A review of the UST list, as provided by EDR, and dated 10/03/2022 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FELDMAN QUARRY Closure Type: Removal Facility Id: 0-002310 Date Closed: 06/10/1988		0 - 1/8 (0.000 mi.)	3	15

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Quality's Arizona UST-DMS Facility and Tank Data Listing by City database.

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NEW NATIONAL GYPSUM Database: AST 2, Date of Government Version: 11/15/2022 Cert Status: Open	1103 SOUTH HIGHWAY 7	WSW 0 - 1/8 (0.074 mi.)	4	15

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

INDIAN RESERV: This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN CARLOS RESERVATI		N 1/2 - 1 (0.597 mi.)	0	14

US MINES: Mines Master Index File. The source of this database is the Dept. of Labor, Mine Safety and Health Administration.

A review of the US MINES list, as provided by EDR, has revealed that there are 2 US MINES sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GOLD BOND BUILDING P Database: US MINES, Date of Government Version: 11/07/2022 Mine ID:: 0202160		0 - 1/8 (0.000 mi.)	2	14
PR GYPSUM - WINKELMA Database: MINES VIOLATIONS, Date of Government Version: 11/29/2022	473S HWY 77	WNW 1/8 - 1/4 (0.179 mi.)	5	16

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.

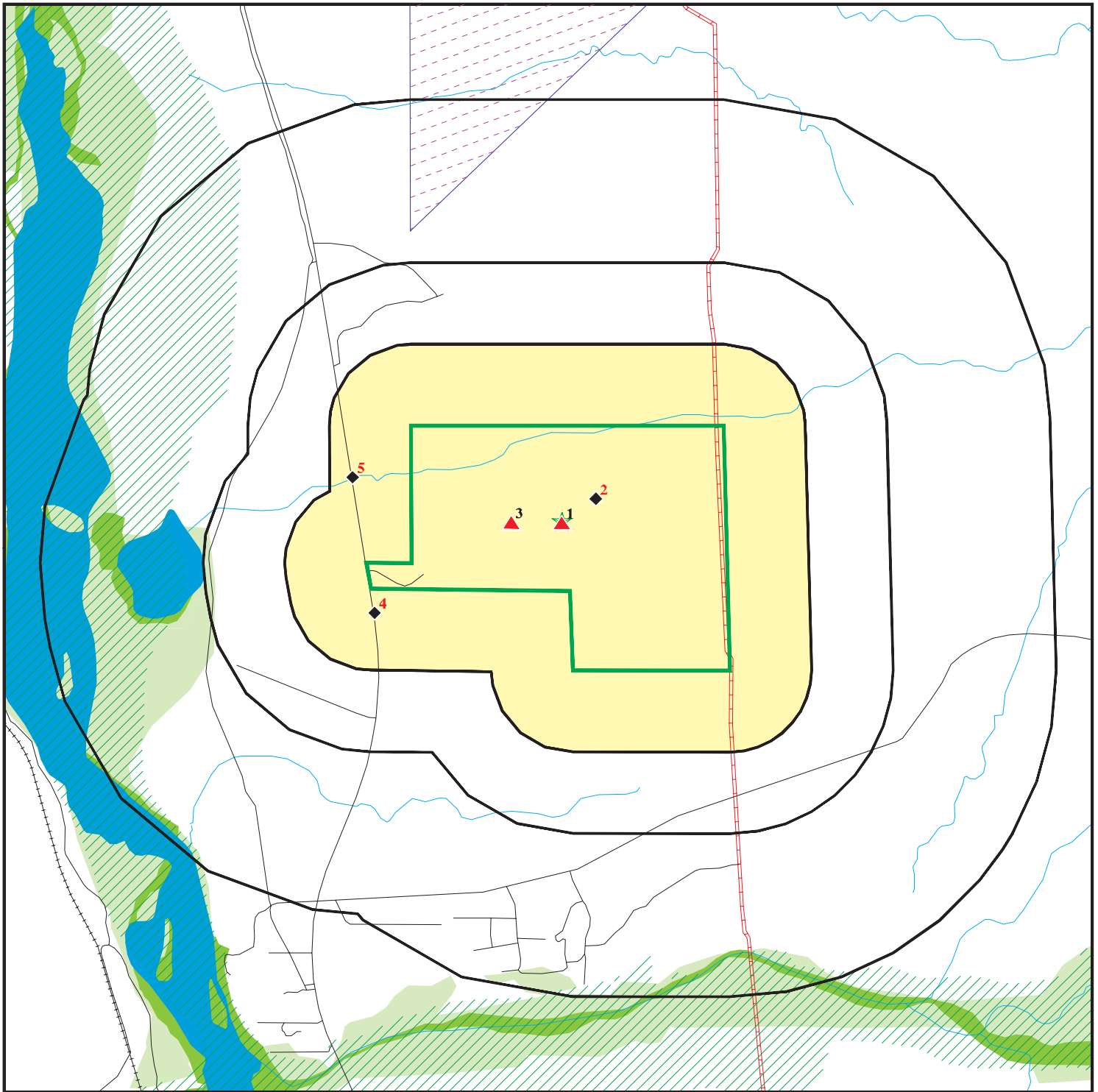
A review of the ABANDONED MINES list, as provided by EDR, and dated 09/13/2022 has revealed that there is 1 ABANDONED MINES site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PR GYPSUM - WINKELMA	473S HWY 77	WNW 1/8 - 1/4 (0.179 mi.)	5	16

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7270629.2S



Target Property

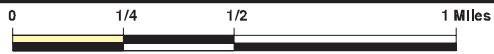
Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

Pipelines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

DOD Sites: AZ DEQ

Water Quality Assurance Revolving Fund Areas

AZ NPL

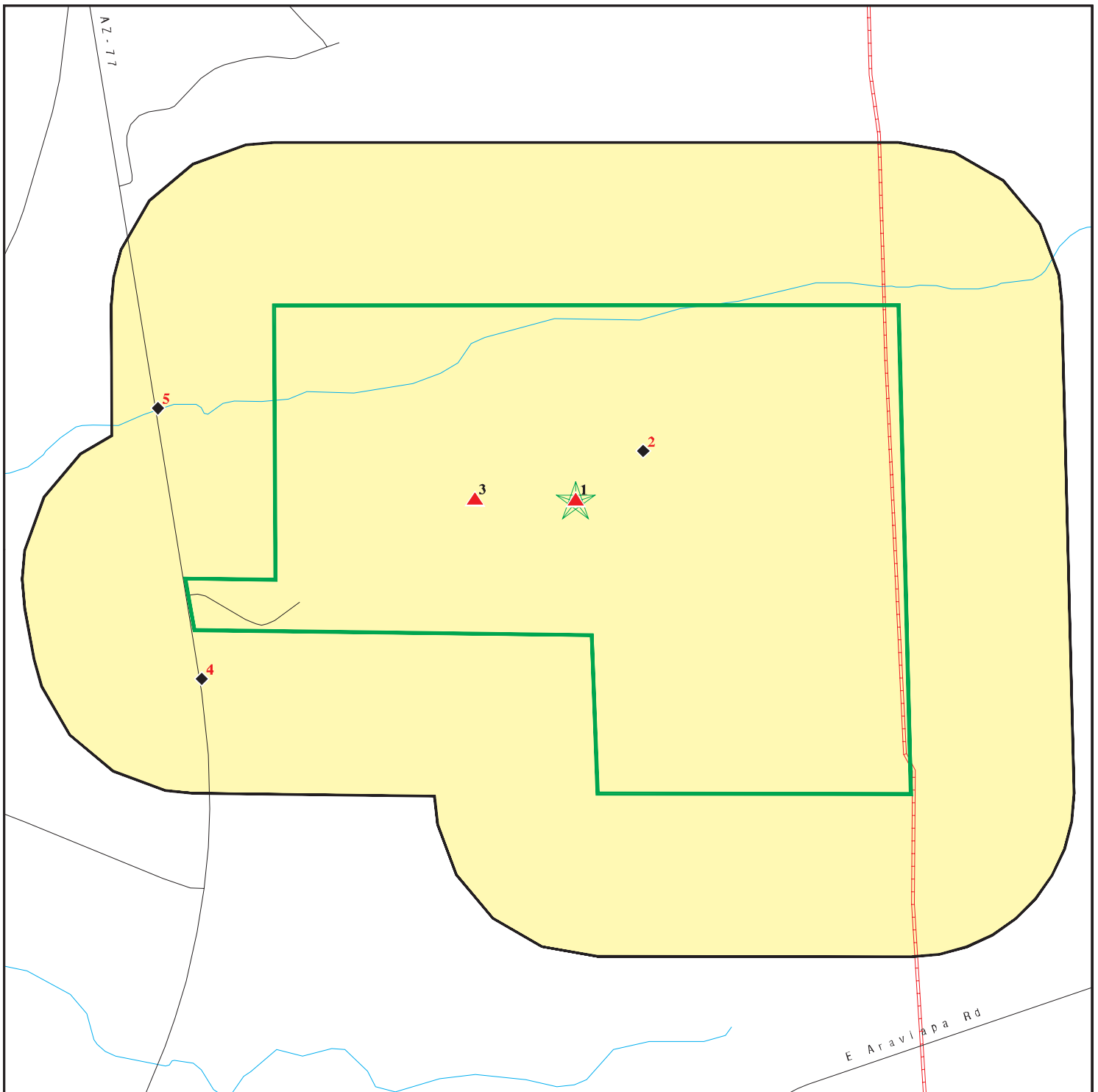









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Winkelman
 ADDRESS: 1103 N Highway 77
 Winkelman AZ 85192
 LAT/LONG: 32.863368 / 110.698733



CLIENT: ARCADIS U.S., Inc.
 CONTACT: Rebecca Steever
 INQUIRY #: 7270629.2s
 DATE: March 06, 2023 11:38 am

DETAIL MAP - 7270629.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites



-  Indian Reservations BIA
-  Pipelines
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  DOD Sites: AZ DEQ
-  Water Quality Assurance Revolving Fund Areas
-  AZ NPL



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

SITE NAME: Winkelman
 ADDRESS: 1103 N Highway 77
 Winkelman AZ 85192
 LAT/LONG: 32.863368 / 110.698733

CLIENT: ARCADIS U.S., Inc.
 CONTACT: Rebecca Steever
 INQUIRY #: 7270629.2s
 DATE: March 06, 2023 11:38 am

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<i>Lists of state and tribal leaking storage tanks</i>								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	0	NR	NR	NR	1
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
AZURITE	0.500		0	0	0	NR	NR	0
AUL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
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	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	1	NR	1
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250	1	1	1	NR	NR	NR	3
ABANDONED MINES	0.250		0	1	NR	NR	NR	1
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	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 TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
Aquifer	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AZ DOD	0.500		0	0	0	NR	NR	0
Dry Wells	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMAP	TP		NR	NR	NR	NR	NR	0
Enforcement	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
SPDES	TP		NR	NR	NR	NR	NR	0
VAPOR	0.500		0	0	0	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
WWFAC	0.500		0	0	0	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

- Totals --		1	3	2	0	1	0	7
-------------	--	---	---	---	---	---	---	---

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

1
Target
Property

FELDMAN #2
1103 N HWY. 77
WINKELMAN, AZ 85292

US MINES **1024905444**
N/A

Actual:
2297 ft.

MINES VIOLATIONS:

Name: FELDMAN #2
Address: 1103 N HWY. 77
City,State,Zip: WINKELMAN, AZ 85292
Facility ID: Not reported

MINES VIOLATIONS:

Violation Number: 9651943
Mine ID: 0202160
Contractor ID: Not reported
Date Issued: 10/17/2022
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 10/18/2022
Title 30 Code of Federal Regulations: 56.12002
Proposed Penalty: Not reported
Assessment Amount: Not reported
Paid Penalty Amount: Not reported
Assessment Case Status: Not reported
Assessment Status: Not reported
Year: 2022
Address Type: MineLocation
PO Box: Not reported
Address: 1103 N HWY. 77
City: WINKELMAN
State: AZ
Operator: Gold Bond Building Products, LLC
Zip: 85192
Mine Controller Name: NG Operations LLC
Name: FELDMAN #2
Ownership Date: 1/1/2021
Mine Status: Active
Status Date: 8/25/1983
Primary Site Description: Gypsum
Mine Type: Surface
State 2: AZ
County: PINAL

Violation Number: 6452322
Mine ID: 0202160
Contractor ID: Not reported
Date Issued: 06/03/2009
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 06/04/2009
Title 30 Code of Federal Regulations: 47.31(a)
Proposed Penalty: Not reported
Assessment Amount: Not reported
Paid Penalty Amount: Not reported
Assessment Case Status: Not reported
Assessment Status: Not reported
Year: 2009
Address Type: MineLocation
PO Box: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FELDMAN #2 (Continued)

1024905444

Address: 1103 S HWY. 77
City: WINKELMAN
State: AZ
Operator: New NGC Incorporated
Zip: 85292
Mine Controller Name: Spangler Companies Inc
Name: FELDMAN #2
Ownership Date: 09/21/1995
Mine Status: Active
Status Date: 08/25/1983
Primary Site Description: Gypsum
Mine Type: Surface
State 2: AZ
County: PINAL

Violation Number: 6293846
Mine ID: 0202160
Contractor ID: Not reported
Date Issued: 09/09/2003
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 09/10/2003
Title 30 Code of Federal Regulations: 56.12021
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: 1103 S HWY. 77
City: WINKELMAN
State: AZ
Operator: New NGC Incorporated
Zip: 85292
Mine Controller Name: Spangler Companies Inc
Name: FELDMAN #2
Ownership Date: 09/21/1995
Mine Status: Active
Status Date: 08/25/1983
Primary Site Description: Gypsum
Mine Type: Surface
State 2: AZ
County: PINAL

Violation Number: 6293847
Mine ID: 0202160
Contractor ID: Not reported
Date Issued: 09/09/2003
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 09/10/2003
Title 30 Code of Federal Regulations: 56.12004
Proposed Penalty: 60

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FELDMAN #2 (Continued)

1024905444

Assessment Amount:	60
Paid Penalty Amount:	60
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	1103 S HWY. 77
City:	WINKELMAN
State:	AZ
Operator:	New NGC Incorporated
Zip:	85292
Mine Controller Name:	Spangler Companies Inc
Name:	FELDMAN #2
Ownership Date:	09/21/1995
Mine Status:	Active
Status Date:	08/25/1983
Primary Site Description:	Gypsum
Mine Type:	Surface
State 2:	AZ
County:	PINAL
Violation Number:	9345455
Mine ID:	0202160
Contractor ID:	Not reported
Date Issued:	2/5/2020
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	2/6/2020
Title 30 Code of Federal Regulations:	56.3131
Proposed Penalty:	123.00
Assessment Amount:	123.00
Paid Penalty Amount:	123.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2020
Address Type:	MineLocation
PO Box:	Not reported
Address:	1103 N HWY. 77
City:	WINKELMAN
State:	AZ
Operator:	Gold Bond Building Products, LLC
Zip:	85292
Mine Controller Name:	NG Operations LLC
Name:	FELDMAN #2
Ownership Date:	1/1/2021
Mine Status:	Active
Status Date:	8/25/1983
Primary Site Description:	Gypsum
Mine Type:	Surface
State 2:	AZ
County:	PINAL
Violation Number:	6587468
Mine ID:	0202160
Contractor ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FELDMAN #2 (Continued)

1024905444

Date Issued: 10/27/2010
Action Type: 104(a)
Type of Issue: Citation
S and S: Y
Term Date: 10/27/2010
Title 30 Code of Federal Regulations: 56.14209(b)
Proposed Penalty: 100.00
Assessment Amount: 100.00
Paid Penalty Amount: 100.00
Assessment Case Status: Proposed
Assessment Status: Closed
Year: 2010
Address Type: MineLocation
PO Box: Not reported
Address: 1103 S HWY. 77
City: WINKELMAN
State: AZ
Operator: New NGC Incorporated
Zip: 85292
Mine Controller Name: Spangler Companies Inc
Name: FELDMAN #2
Ownership Date: 09/21/1995
Mine Status: Active
Status Date: 08/25/1983
Primary Site Description: Gypsum
Mine Type: Surface
State 2: AZ
County: PINAL

Violation Number: 6587469
Mine ID: 0202160
Contractor ID: Not reported
Date Issued: 10/27/2010
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 10/27/2010
Title 30 Code of Federal Regulations: 56.12002
Proposed Penalty: 100.00
Assessment Amount: 100.00
Paid Penalty Amount: 100.00
Assessment Case Status: Proposed
Assessment Status: Closed
Year: 2010
Address Type: MineLocation
PO Box: Not reported
Address: 1103 S HWY. 77
City: WINKELMAN
State: AZ
Operator: New NGC Incorporated
Zip: 85292
Mine Controller Name: Spangler Companies Inc
Name: FELDMAN #2
Ownership Date: 09/21/1995
Mine Status: Active
Status Date: 08/25/1983
Primary Site Description: Gypsum

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FELDMAN #2 (Continued)

1024905444

Mine Type:	Surface
State 2:	AZ
County:	PINAL
Violation Number:	6587470
Mine ID:	0202160
Contractor ID:	Not reported
Date Issued:	10/28/2010
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	10/28/2010
Title 30 Code of Federal Regulations:	56.12004
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2010
Address Type:	MineLocation
PO Box:	Not reported
Address:	1103 S HWY. 77
City:	WINKELMAN
State:	AZ
Operator:	New NGC Incorporated
Zip:	85292
Mine Controller Name:	Spangler Companies Inc
Name:	FELDMAN #2
Ownership Date:	09/21/1995
Mine Status:	Active
Status Date:	08/25/1983
Primary Site Description:	Gypsum
Mine Type:	Surface
State 2:	AZ
County:	PINAL
Violation Number:	8827363
Mine ID:	0202160
Contractor ID:	Not reported
Date Issued:	10/08/2014
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	11/24/2014
Title 30 Code of Federal Regulations:	56.14100(b)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2014
Address Type:	MineLocation
PO Box:	Not reported
Address:	1103 S HWY. 77
City:	WINKELMAN
State:	AZ
Operator:	New NGC Incorporated

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FELDMAN #2 (Continued)

1024905444

Zip: 85292
Mine Controller Name: Spangler Companies Inc
Name: FELDMAN #2
Ownership Date: 09/21/1995
Mine Status: Active
Status Date: 08/25/1983
Primary Site Description: Gypsum
Mine Type: Surface
State 2: AZ
County: PINAL

Violation Number: 6325968
Mine ID: 0202160
Contractor ID: Not reported
Date Issued: 05/30/2007
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 05/31/2007
Title 30 Code of Federal Regulations: 56.12047
Proposed Penalty: Not reported
Assessment Amount: Not reported
Paid Penalty Amount: Not reported
Assessment Case Status: Not reported
Assessment Status: Not reported
Year: 2007

Address Type: MineLocation
PO Box: Not reported
Address: 1103 S HWY. 77
City: WINKELMAN
State: AZ
Operator: New NGC Incorporated
Zip: 85292
Mine Controller Name: Spangler Companies Inc
Name: FELDMAN #2
Ownership Date: 09/21/1995
Mine Status: Active
Status Date: 08/25/1983
Primary Site Description: Gypsum
Mine Type: Surface
State 2: AZ
County: PINAL

Violation Number: 9302057
Mine ID: 0202160
Contractor ID: Not reported
Date Issued: 08/02/2016
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 08/03/2016
Title 30 Code of Federal Regulations: 56.11012
Proposed Penalty: 114.00
Assessment Amount: 114.00
Paid Penalty Amount: 0.00
Assessment Case Status: InContest
Assessment Status: Received

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FELDMAN #2 (Continued)

1024905444

Year: 2016
 Address Type: MineLocation
 PO Box: Not reported
 Address: 1103 S HWY. 77
 City: WINKELMAN
 State: AZ
 Operator: New NGC Incorporated
 Zip: 85292
 Mine Controller Name: Spangler Companies Inc
 Name: FELDMAN #2
 Ownership Date: 09/21/1995
 Mine Status: Active
 Status Date: 08/25/1983
 Primary Site Description: Gypsum
 Mine Type: Surface
 State 2: AZ
 County: PINAL

[Click this hyperlink](#) while viewing on your computer to access
 13 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

IND RES
Region
North
1/2-1
3150 ft.

SAN CARLOS RESERVATION
 , AZ

INDIAN RESERV

CIND200692
N/A

INDIAN RESERV:
 Feature: Indian Reservation
 Name: San Carlos Reservation
 Agency: BIA

2
< 1/8
1 ft.

GOLD BOND BUILDING PRODUCTS, LLC
PINAL (County), AZ

US MINES

1026766780
N/A

Relative:
Lower
Actual:
2285 ft.

US MINES:
 Sic Code(s): 149907
 Sic Code(s): 000000
 Sic Code(s): 000000
 Sic Code(s): 000000
 Sic Code(s): 000000
 Sic Code(s): 000000
 Mine ID: 0202160
 Entity Name: FELDMAN #2
 Company: GOLD BOND BUILDING PRODUCTS, LLC
 Status: Full-Time Permanent
 Status Date: 19830825
 Operation Class: 2
 Number of Shops: 0
 Number of Plants: 0
 Latitude Degree: 32
 Longitude Degree: 110
 Latitude Minute: 51

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOLD BOND BUILDING PRODUCTS, LLC (Continued)

1026766780

Latitude Seconds: 52
Longitude Minutes: 41
Longitude Seconds: 49
Number of Pits: 000

3

FELDMAN QUARRY

**UST U004186131
N/A**

< 1/8
1 ft.

ARAVAIPA CANYON, AZ

**Relative:
Higher
Actual:
2323 ft.**

UST:

Name: FELDMAN QUARRY
Address: Not reported
City, State, Zip: ARAVAIPA CANYON
Facility ID: 0-002310
Owner: GOLD BOND BUILDING PRODUCTS
Latitude: 32.863382
Longitude: 110.701392

Tank ID: 1
Date Closed: 06/10/1988
Tank Status: **Perm Closure**
Closure Type: **Removal**
Tank Inst Date: **02/18/1984**
Capacity: **1000**
Substance: **Kerosene**
Compartment: **COMPARTMENT A**
Tank Const Type: **Single Walled**
Tank Mtrl Type: **Asphalt coated or Bare Steel**
Pipe Type: **Not reported**
Pipe Mtrl Type: **Not reported**
Pipe const Type: **Not reported**

4

NEW NATIONAL GYPSUM COMPANY

**AST A100355016
N/A**

**WSW
< 1/8
0.074 mi.
392 ft.**

**1103 SOUTH HIGHWAY 77
WINKELMAN, AZ 85292**

**Relative:
Lower
Actual:
2207 ft.**

AST 2:

Name: NEW NATIONAL GYPSUM COMPANY
Address: 1103 SOUTH HIGHWAY 77
City: WINKELMAN
Exemption Num: 0400103-11
Old Exemption Num: 04-1002094
Owner Id: 371
Owner Name: National Gypsum Co
Applicant Mailing Address: Star Rt Box 3990 Hwy 77
Applicant City, State, Zip: Winkelman, AZ 85292
Cert Status: Open
Cert Effective Date: 04/01/2011
Tank Number: 3
Product Code: Gas(10)
Tank Type: Above
Capacity: 120
Installed Date: 04/01/1994

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NEW NATIONAL GYPSUM COMPANY (Continued)

A100355016

Cancellation Date: 12/31/2015
 Cert Validation Date: 04/01/2011

 Name: NEW NATIONAL GYPSUM COMPANY
 Address: 1103 SOUTH HIGHWAY 77
 City: WINKELMAN
 Exemption Num: 0400103-11
 Old Exemption Num: 04-1002094
 Owner Id: 371
 Owner Name: National Gypsum Co
 Applicant Mailing Address: Star Rt Box 3990 Hwy 77
 Applicant City, State, Zip: Winkelman, AZ 85292
 Cert Status: Open
 Cert Effective Date: 04/01/2011
 Tank Number: 2
 Product Code: Diesel(20)
 Tank Type: Above
 Capacity: 1000
 Installed Date: 04/01/1994
 Cancellation Date: 12/31/2015
 Cert Validation Date: 04/01/2011

5
WNW
1/8-1/4
0.179 mi.
945 ft.

PR GYPSUM - WINKELMAN MINE
473S HWY 77
WINKELMAN, AZ 85192

US MINES 1024905368
ABANDONED MINES N/A

Relative:
Lower

Actual:
2162 ft.

MINES VIOLATIONS:
 Name: PR GYPSUM - WINKELMAN MINE
 Address: 473S HWY 77
 City,State,Zip: WINKELMAN, AZ 85192
 Facility ID: Not reported

MINES VIOLATIONS:
 Violation Number: 6452328
 Mine ID: 0200165
 Contractor ID: Not reported
 Date Issued: 06/30/2009
 Action Type: 104(a)
 Type of Issue: Citation
 S and S: Y
 Term Date: 06/30/2009
 Title 30 Code of Federal Regulations: 56.11001
 Proposed Penalty: 162.00
 Assessment Amount: 162.00
 Paid Penalty Amount: 162.00
 Assessment Case Status: Proposed
 Assessment Status: Closed
 Year: 2009
 Address Type: MineLocation
 PO Box: Not reported
 Address: 473S HWY 77
 City: WINKELMAN
 State: AZ
 Operator: PR Gypsum, LLC
 Zip: 85192
 Mine Controller Name: Tableros Prearmados De Cemento, SA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PR GYPSUM - WINKELMAN MINE (Continued)

1024905368

Name: PR GYPSUM - WINKELMAN MINE
Ownership Date: 12/22/2011
Mine Status: Abandoned
Status Date: 12/22/2011
Primary Site Description: Gypsum
Mine Type: Surface
State 2: AZ
County: PINAL

Violation Number: 6583754
Mine ID: 0200165
Contractor ID: Not reported
Date Issued: 04/27/2010
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 04/27/2010
Title 30 Code of Federal Regulations: 56.12002
Proposed Penalty: 100.00
Assessment Amount: 100.00
Paid Penalty Amount: 100.00
Assessment Case Status: Proposed
Assessment Status: Closed
Year: 2010
Address Type: MineLocation
PO Box: Not reported
Address: 473S HWY 77
City: WINKELMAN
State: AZ
Operator: PR Gypsum, LLC
Zip: 85192
Mine Controller Name: Tableros Prearmados De Cemento, SA
Name: PR GYPSUM - WINKELMAN MINE
Ownership Date: 12/22/2011
Mine Status: Abandoned
Status Date: 12/22/2011
Primary Site Description: Gypsum
Mine Type: Surface
State 2: AZ
County: PINAL

Violation Number: 6293836
Mine ID: 0200165
Contractor ID: Not reported
Date Issued: 09/03/2003
Action Type: 104(a)
Type of Issue: Citation
S and S: Y
Term Date: 09/04/2003
Title 30 Code of Federal Regulations: 56.12004
Proposed Penalty: 164
Assessment Amount: 164
Paid Penalty Amount: 164
Assessment Case Status: Proposed
Assessment Status: Closed
Year: 2003
Address Type: MineLocation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PR GYPSUM - WINKELMAN MINE (Continued)

1024905368

PO Box: Not reported
Address: 473S HWY 77
City: WINKELMAN
State: AZ
Operator: PR Gypsum, LLC
Zip: 85192
Mine Controller Name: Tableros Prearmados De Cemento, SA
Name: PR GYPSUM - WINKELMAN MINE
Ownership Date: 12/22/2011
Mine Status: Abandoned
Status Date: 12/22/2011
Primary Site Description: Gypsum
Mine Type: Surface
State 2: AZ
County: PINAL

Violation Number: 6293837
Mine ID: 0200165
Contractor ID: Not reported
Date Issued: 09/03/2003
Action Type: 104(a)
Type of Issue: Citation
S and S: Y
Term Date: Not reported
Title 30 Code of Federal Regulations: 56.12004
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: 473S HWY 77
City: WINKELMAN
State: AZ
Operator: PR Gypsum, LLC
Zip: 85192
Mine Controller Name: Tableros Prearmados De Cemento, SA
Name: PR GYPSUM - WINKELMAN MINE
Ownership Date: 12/22/2011
Mine Status: Abandoned
Status Date: 12/22/2011
Primary Site Description: Gypsum
Mine Type: Surface
State 2: AZ
County: PINAL

Violation Number: 6293838
Mine ID: 0200165
Contractor ID: Not reported
Date Issued: 09/03/2003
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 09/03/2003
Title 30 Code of Federal Regulations: 56.11001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PR GYPSUM - WINKELMAN MINE (Continued)

1024905368

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: 473S HWY 77
City: WINKELMAN
State: AZ
Operator: PR Gypsum, LLC
Zip: 85192
Mine Controller Name: Tableros Prearmados De Cemento, SA
Name: PR GYPSUM - WINKELMAN MINE
Ownership Date: 12/22/2011
Mine Status: Abandoned
Status Date: 12/22/2011
Primary Site Description: Gypsum
Mine Type: Surface
State 2: AZ
County: PINAL

Violation Number: 6293839
Mine ID: 0200165
Contractor ID: Not reported
Date Issued: 09/03/2003
Action Type: 104(a)
Type of Issue: Citation
S and S: N
Term Date: 09/08/2003
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
PO Box: Not reported
Address: 473S HWY 77
City: WINKELMAN
State: AZ
Operator: PR Gypsum, LLC
Zip: 85192
Mine Controller Name: Tableros Prearmados De Cemento, SA
Name: PR GYPSUM - WINKELMAN MINE
Ownership Date: 12/22/2011
Mine Status: Abandoned
Status Date: 12/22/2011
Primary Site Description: Gypsum
Mine Type: Surface
State 2: AZ
County: PINAL

Violation Number: 6293840
Mine ID: 0200165

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PR GYPSUM - WINKELMAN MINE (Continued)

1024905368

Contractor ID:	Not reported
Date Issued:	09/03/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	09/04/2003
Title 30 Code of Federal Regulations:	56.20003(a)
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:	473S HWY 77
City:	WINKELMAN
State:	AZ
Operator:	PR Gypsum, LLC
Zip:	85192
Mine Controller Name:	Tableros Prearmados De Cemento, SA
Name:	PR GYPSUM - WINKELMAN MINE
Ownership Date:	12/22/2011
Mine Status:	Abandoned
Status Date:	12/22/2011
Primary Site Description:	Gypsum
Mine Type:	Surface
State 2:	AZ
County:	PINAL
Violation Number:	6293841
Mine ID:	0200165
Contractor ID:	Not reported
Date Issued:	09/03/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	09/08/2003
Title 30 Code of Federal Regulations:	56.11012
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:	473S HWY 77
City:	WINKELMAN
State:	AZ
Operator:	PR Gypsum, LLC
Zip:	85192
Mine Controller Name:	Tableros Prearmados De Cemento, SA
Name:	PR GYPSUM - WINKELMAN MINE
Ownership Date:	12/22/2011
Mine Status:	Abandoned
Status Date:	12/22/2011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PR GYPSUM - WINKELMAN MINE (Continued)

1024905368

Primary Site Description:	Gypsum
Mine Type:	Surface
State 2:	AZ
County:	PINAL
Violation Number:	6293842
Mine ID:	0200165
Contractor ID:	Not reported
Date Issued:	09/03/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	09/08/2003
Title 30 Code of Federal Regulations:	56.11012
Proposed Penalty:	133
Assessment Amount:	133
Paid Penalty Amount:	133
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	473S HWY 77
City:	WINKELMAN
State:	AZ
Operator:	PR Gypsum, LLC
Zip:	85192
Mine Controller Name:	Tableros Prearmados De Cemento, SA
Name:	PR GYPSUM - WINKELMAN MINE
Ownership Date:	12/22/2011
Mine Status:	Abandoned
Status Date:	12/22/2011
Primary Site Description:	Gypsum
Mine Type:	Surface
State 2:	AZ
County:	PINAL
Violation Number:	6293843
Mine ID:	0200165
Contractor ID:	Not reported
Date Issued:	09/04/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	09/08/2003
Title 30 Code of Federal Regulations:	56.14107(a)
Proposed Penalty:	133
Assessment Amount:	133
Paid Penalty Amount:	133
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	473S HWY 77
City:	WINKELMAN
State:	AZ

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PR GYPSUM - WINKELMAN MINE (Continued)

1024905368

Operator: PR Gypsum, LLC
Zip: 85192
Mine Controller Name: Tableros Prearmados De Cemento, SA
Name: PR GYPSUM - WINKELMAN MINE
Ownership Date: 12/22/2011
Mine Status: Abandoned
Status Date: 12/22/2011
Primary Site Description: Gypsum
Mine Type: Surface
State 2: AZ
County: PINAL

Violation Number: 6293844
Mine ID: 0200165
Contractor ID: Not reported
Date Issued: 09/04/2003
Action Type: 104(a)
Type of Issue: Citation
S and S: N

Term Date: Not reported
Title 30 Code of Federal Regulations: 56.5002
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: 473S HWY 77
City: WINKELMAN
State: AZ

Operator: PR Gypsum, LLC
Zip: 85192
Mine Controller Name: Tableros Prearmados De Cemento, SA
Name: PR GYPSUM - WINKELMAN MINE
Ownership Date: 12/22/2011
Mine Status: Abandoned
Status Date: 12/22/2011
Primary Site Description: Gypsum
Mine Type: Surface
State 2: AZ
County: PINAL

[Click this hyperlink](#) while viewing on your computer to access
22 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

ABANDONED MINES:

Mine ID: 0200165
Mine Name: PR GYPSUM - WINKELMAN MINE
Mine Address: 473S HWY 77
City, State, Zip: WINKELMAN, AZ 85192
Primary SIC Code: Gypsum
Mine Type: Surface
Mine Status Description: Abandoned
Mine Status Date: 12/22/2011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PR GYPSUM - WINKELMAN MINE (Continued)

1024905368

Coal (C) or Metal (M) Mine: M
Controller ID: 0103879
Controller Name: Tableros Prearmados De Cemento, SA
Operator ID: 0122333
Operator name: PR Gypsum, LLC
Address of Record Street: Serafin Pena # 935 Sur
Address of Record PO Box: Not reported
Address of Record City: Monterrey
Address of Record State: AZ
Address of Record Zip Code: 85192
Assessment Address Street: Serafin Pena # 935 Sur
Assessment Address PO Box: Not reported
Assessment Address City: Monterrey
Assessment Address State: AZ
Assessment Address Zip Code: 85192
Mine Health and Safety Address Street: Serafin Pena # 935 Sur
Mine Health and Safety Address PO Box: Not reported
Mine Health and Safety Address City: Monterrey
Mine Health and Safety Address State: AZ
Mine Health and Safety Address Zip Code: Not reported
Latitude: 32.881388
Longitude: -110.664444

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Number of Days to Update: Provides confirmation that 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: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/03/2023	Telephone: N/A
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 03/01/2023
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/10/2023
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
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: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/02/2023	Telephone: N/A
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 03/01/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/10/2023
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 04/10/2023
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: 08/25/2022
Date Data Arrived at EDR: 09/06/2022
Date Made Active in Reports: 12/05/2022
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/21/2022
Next Scheduled EDR Contact: 04/10/2023
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 known 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: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 04/24/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/02/2023	Telephone: 800-424-9346
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 03/01/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 04/24/2023
	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: 11/21/2022	Source: EPA
Date Data Arrived at EDR: 11/21/2022	Telephone: 800-424-9346
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 12/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/03/2023
	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: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 12/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/03/2023
	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: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 12/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/03/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 12/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/03/2023
	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: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 12/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/03/2023
	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: 11/02/2022	Source: Department of the Navy
Date Data Arrived at EDR: 11/08/2022	Telephone: 843-820-7326
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 02/03/2023
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/22/2023
	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: 10/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2022	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/05/2023
	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: 10/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2022	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/12/2022	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 12/14/2022	Telephone: 202-267-2180
Date Made Active in Reports: 12/19/2022	Last EDR Contact: 12/14/2022
Number of Days to Update: 5	Next Scheduled EDR Contact: 04/03/2023
	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: 12/31/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/15/2022	Telephone: 602-771-4609
Date Made Active in Reports: 06/08/2022	Last EDR Contact: 02/06/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 05/29/2023
	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: 12/31/2021	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/11/2022	Telephone: 602-771-4360
Date Made Active in Reports: 06/08/2022	Last EDR Contact: 02/09/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 05/29/2023
	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	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/04/2018	Telephone: 602-771-4360
Date Made Active in Reports: 05/17/2018	Last EDR Contact: 01/20/2023
Number of Days to Update: 43	Next Scheduled EDR Contact: 05/08/2023
	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	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/11/2000	Telephone: 602-771-4360
Date Made Active in Reports: 05/16/2000	Last EDR Contact: 12/06/2022
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/27/2023
	Data Release Frequency: No Update Planned

Lists of state and tribal landfills and solid waste disposal facilities

TUCSON LF: City of Tucson Landfills Listing

Location and area of landfills owned by the City of Tucson.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/11/2022
Date Data Arrived at EDR: 07/13/2022
Date Made Active in Reports: 11/15/2022
Number of Days to Update: 125

Source: Tucson Department of Environmental and General Services
Telephone: 520-791-3171
Last EDR Contact: 01/06/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

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: 09/12/2022
Date Data Arrived at EDR: 10/03/2022
Date Made Active in Reports: 11/17/2022
Number of Days to Update: 45

Source: Department of Environmental Quality
Telephone: 602-771-2300
Last EDR Contact: 01/03/2023
Next Scheduled EDR Contact: 04/17/2023
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: 10/03/2022
Date Data Arrived at EDR: 10/06/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 76

Source: Department of Environmental Quality
Telephone: 602-771-4345
Last EDR Contact: 01/06/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
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: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
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: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/14/2022	Source: EPA, Region 5
Date Data Arrived at EDR: 12/06/2022	Telephone: 312-886-7439
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	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: 10/19/2022	Source: EPA Region 1
Date Data Arrived at EDR: 12/06/2022	Telephone: 617-918-1313
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

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

Date of Government Version: 11/26/2022	Source: EPA Region 4
Date Data Arrived at EDR: 12/06/2022	Telephone: 404-562-8677
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	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: 11/23/2022	Source: EPA Region 6
Date Data Arrived at EDR: 12/06/2022	Telephone: 214-665-6597
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	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: 10/14/2021	Source: FEMA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-646-5797
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 12/28/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 04/17/2023
	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: 10/03/2022	Source: Department of Environmental Quality
Date Data Arrived at EDR: 10/06/2022	Telephone: 602-771-4345
Date Made Active in Reports: 12/21/2022	Last EDR Contact: 01/06/2023
Number of Days to Update: 76	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/01/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: No Update Planned

AST 2: Aboveground Storage Tank Listing

A listing of aboveground storage tank site locations.

Date of Government Version: 11/15/2022
Date Data Arrived at EDR: 12/02/2022
Date Made Active in Reports: 02/17/2023
Number of Days to Update: 77

Source: Department of Environmental Quality
Telephone: 602-771-4380
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 06/19/2023
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: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
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: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/19/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/23/2022	Source: EPA Region 6
Date Data Arrived at EDR: 12/06/2022	Telephone: 214-665-7591
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	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: 11/23/2022	Source: EPA Region 9
Date Data Arrived at EDR: 12/06/2022	Telephone: 415-972-3368
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/23/2022	Source: EPA Region 4
Date Data Arrived at EDR: 12/06/2022	Telephone: 404-562-9424
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 01/17/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AZURITE: Remediation and DEUR/VEMUR Tracking System

ADEQ maintains a repository listing sites remediated under programs administered by the department.

Date of Government Version: 11/17/2022	Source: Department of Environmental Quality
Date Data Arrived at EDR: 11/21/2022	Telephone: 602-771-4397
Date Made Active in Reports: 02/08/2023	Last EDR Contact: 12/06/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 03/27/2023
	Data Release Frequency: Varies

AUL: DEUR Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/17/2022
Date Data Arrived at EDR: 11/17/2022
Date Made Active in Reports: 02/08/2023
Number of Days to Update: 83

Source: Department of Environmental Quality
Telephone: 602-771-4397
Last EDR Contact: 12/06/2022
Next Scheduled EDR Contact: 03/27/2023
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Remediation Program Sites

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 06/21/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 11/03/2022
Number of Days to Update: 84

Source: Department of Environmental Quality
Telephone: 602-771-4411
Last EDR Contact: 12/19/2022
Next Scheduled EDR Contact: 04/10/2023
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/13/2022
Next Scheduled EDR Contact: 04/03/2023
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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: 12/19/2022
Next Scheduled EDR Contact: 04/10/2023
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/07/2022
Next Scheduled EDR Contact: 03/27/2023
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: 07/29/2022
Date Data Arrived at EDR: 11/17/2022
Date Made Active in Reports: 02/08/2023
Number of Days to Update: 83

Source: Department of Environmental Quality
Telephone: 602-771-4132
Last EDR Contact: 02/15/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

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: 01/20/2023
Next Scheduled EDR Contact: 05/08/2023
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: 01/13/2023
Next Scheduled EDR Contact: 05/01/2023
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/08/2023
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/06/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 8

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 06/05/2023
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: 12/13/2022
Next Scheduled EDR Contact: 04/03/2023
Data Release Frequency: Varies

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: 01/06/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 8

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 06/05/2023
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: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 04/10/2023
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: 09/19/2022
Date Data Arrived at EDR: 09/19/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 11

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/14/2022
Next Scheduled EDR Contact: 04/03/2023
Data Release Frequency: Quarterly

SPILLS: Hazardous Material Logbook

Chemical spills and incidents referred to the Emergency Response Unit.

Date of Government Version: 11/15/2001
Date Data Arrived at EDR: 06/28/2007
Date Made Active in Reports: 07/24/2007
Number of Days to Update: 26

Source: Department of Environmental Quality
Telephone: 602-771-4153
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/11/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 39	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: 11/21/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 12/21/2022
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/03/2023
	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: 11/01/2022	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 11/10/2022	Telephone: 202-528-4285
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/14/2023
Number of Days to Update: 91	Next Scheduled EDR Contact: 05/29/2023
	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	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 01/13/2023
Number of Days to Update: 239	Next Scheduled EDR Contact: 04/24/2023
	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	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 01/03/2023
Number of Days to Update: 574	Next Scheduled EDR Contact: 04/17/2023
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/02/2023
Next Scheduled EDR Contact: 05/22/2023
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: 09/19/2022
Date Data Arrived at EDR: 09/20/2022
Date Made Active in Reports: 12/22/2022
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/14/2022
Next Scheduled EDR Contact: 04/03/2023
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: 01/30/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/03/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/12/2022
Next Scheduled EDR Contact: 03/27/2023
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 11/01/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 100

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/16/2023
Next Scheduled EDR Contact: 05/29/2023
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: 10/17/2022
Date Data Arrived at EDR: 10/18/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/18/2023
Next Scheduled EDR Contact: 05/01/2023
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: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 06/12/2023
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: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/17/2023
Next Scheduled EDR Contact: 05/01/2023
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 202-564-6023
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 03/01/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/15/2023
	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: 01/20/2022	Source: EPA
Date Data Arrived at EDR: 01/20/2022	Telephone: 202-566-0500
Date Made Active in Reports: 03/25/2022	Last EDR Contact: 01/04/2023
Number of Days to Update: 64	Next Scheduled EDR Contact: 04/17/2023
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 12/28/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/17/2023
	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	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	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: 10/26/2022	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 11/22/2022	Telephone: 301-415-7169
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 01/17/2023
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/01/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 03/03/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/12/2023
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 02/27/2023
Number of Days to Update: 251	Next Scheduled EDR Contact: 06/12/2023
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 02/03/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 05/15/2023
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 12/20/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 04/10/2023
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/24/2023
Next Scheduled EDR Contact: 05/08/2023
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: 09/30/2022
Date Data Arrived at EDR: 10/21/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 81

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2023
Next Scheduled EDR Contact: 04/17/2023
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: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/21/2022
Next Scheduled EDR Contact: 04/03/2023
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: 01/06/2023
Next Scheduled EDR Contact: 04/17/2023
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: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/30/2023
Next Scheduled EDR Contact: 05/15/2023
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/13/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 04/10/2023
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 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

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: 11/07/2022
Date Data Arrived at EDR: 11/17/2022
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/22/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/29/2022
Date Data Arrived at EDR: 11/30/2022
Date Made Active in Reports: 12/22/2022
Number of Days to Update: 22

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 02/23/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

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: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
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: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
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: 09/13/2022
Date Data Arrived at EDR: 09/14/2022
Date Made Active in Reports: 12/05/2022
Number of Days to Update: 82

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 60

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 02/28/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/25/2022
Date Data Arrived at EDR: 09/30/2022
Date Made Active in Reports: 12/22/2022
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/04/2023
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 02/24/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021	Source: Department of Defense
Date Data Arrived at EDR: 10/20/2022	Telephone: 703-704-1564
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 01/09/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 04/24/2023
	Data Release Frequency: Varies

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: 11/10/2022	Source: EPA
Date Data Arrived at EDR: 11/10/2022	Telephone: 800-385-6164
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/14/2023
Number of Days to Update: 91	Next Scheduled EDR Contact: 05/29/2023
	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: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2022	Telephone: 703-603-8895
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/10/2023
Number of Days to Update: 123	Next Scheduled EDR Contact: 04/17/2023
	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: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/05/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Varies

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: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/05/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/05/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 04/17/2023
	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	Source: Department of Health & Human Services
Date Data Arrived at EDR: 03/17/2021	Telephone: 202-741-5770
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/23/2023
Number of Days to Update: 601	Next Scheduled EDR Contact: 05/08/2023
	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: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/05/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 04/17/2023
	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.

Date of Government Version: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/05/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 04/17/2023
	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: 01/03/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/05/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS ECHO FIRE TRAINING: 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 facility's 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: 08/22/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/05/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Varies

PFAS PART 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: 08/22/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/26/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/05/2023
Number of Days to Update: 13	Next Scheduled EDR Contact: 04/17/2023
	Data Release Frequency: Varies

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: 02/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/31/2022	Telephone: 202-272-0167
Date Made Active in Reports: 11/08/2022	Last EDR Contact: 01/05/2023
Number of Days to Update: 222	Next Scheduled EDR Contact: 04/17/2023
	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	Source: Department of Environmental Quality
Date Data Arrived at EDR: 05/03/2022	Telephone: 602-364-3118
Date Made Active in Reports: 07/20/2022	Last EDR Contact: 01/27/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/15/2023
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Environmental Quality
Telephone: 602-771-6145
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/15/2023
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: 10/05/2022
Date Data Arrived at EDR: 10/06/2022
Date Made Active in Reports: 10/26/2022
Number of Days to Update: 20

Source: Department of Environmental Quality
Telephone: 602-771-2344
Last EDR Contact: 12/19/2022
Next Scheduled EDR Contact: 04/10/2023
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: 11/16/2022
Date Data Arrived at EDR: 11/17/2022
Date Made Active in Reports: 11/23/2022
Number of Days to Update: 6

Source: Department of Environmental Quality
Telephone: 602-771-4623
Last EDR Contact: 02/03/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

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

Date of Government Version: 09/30/2022
Date Data Arrived at EDR: 11/21/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 80

Source: Department of Environmental Quality
Telephone: 602-771-4360
Last EDR Contact: 02/09/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Annually

DRY WELLS: Drywell Registration

A drywell is a bored, drilled, or driven shaft or hole whose depth is greater than its width and is designed and constructed specifically for the disposal of storm water.

Date of Government Version: 06/10/2019
Date Data Arrived at EDR: 06/13/2019
Date Made Active in Reports: 08/20/2019
Number of Days to Update: 68

Source: Department of Environmental Quality
Telephone: 602-771-4686
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
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: 12/06/2022
Next Scheduled EDR Contact: 03/27/2023
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/08/2022
Date Data Arrived at EDR: 09/13/2022
Date Made Active in Reports: 11/28/2022
Number of Days to Update: 76

Source: Department of Environmental Quality
Telephone: 602-771-4380
Last EDR Contact: 02/23/2023
Next Scheduled EDR Contact: 06/12/2023
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: 10/25/2022
Date Data Arrived at EDR: 10/26/2022
Date Made Active in Reports: 11/10/2022
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 602-771-4424
Last EDR Contact: 01/20/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for ust sites.

Date of Government Version: 09/30/2022
Date Data Arrived at EDR: 10/05/2022
Date Made Active in Reports: 10/26/2022
Number of Days to Update: 21

Source: Department of Environmental Quality
Telephone: 602-771-4258
Last EDR Contact: 12/13/2022
Next Scheduled EDR Contact: 04/03/2023
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: 12/06/2022
Next Scheduled EDR Contact: 03/27/2023
Data Release Frequency: Annually

NPDES: Notice of Intent Construction Stormwater General Permits Database

NPDES permit sites

Date of Government Version: 11/18/2022
Date Data Arrived at EDR: 11/21/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 80

Source: Department of Environmental Quality
Telephone: 602-771-4424
Last EDR Contact: 12/28/2022
Next Scheduled EDR Contact: 04/17/2023
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: 12/19/2022
Next Scheduled EDR Contact: 04/10/2023
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: 02/03/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/13/2023
Next Scheduled EDR Contact: 05/01/2023
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: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/28/2022
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/28/2022
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
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: 12/28/2022
Next Scheduled EDR Contact: 04/17/2023
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Arizona.

Date of Government Version: N/A

Date Data Arrived at EDR: 07/01/2013

Date Made Active in Reports: 01/02/2014

Number of Days to Update: 185

Source: Department of Environmental Quality

Telephone: N/A

Last EDR Contact: 06/01/2012

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/16/2022

Date Data Arrived at EDR: 11/16/2022

Date Made Active in Reports: 02/06/2023

Number of Days to Update: 82

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375

Last EDR Contact: 02/10/2023

Next Scheduled EDR Contact: 05/22/2023

Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019

Date Data Arrived at EDR: 10/29/2021

Date Made Active in Reports: 01/19/2022

Number of Days to Update: 82

Source: Department of Environmental Conservation

Telephone: 518-402-8651

Last EDR Contact: 01/27/2023

Next Scheduled EDR Contact: 05/08/2023

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: 02/13/2022

Next Scheduled EDR Contact: 05/29/2023

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: 12/01/2022

Next Scheduled EDR Contact: 03/20/2023

Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Child Care Facilities & Group Homes

Source: Department of Health Services

Telephone: 602-674-4220

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

WINKELMAN
1103 N HIGHWAY 77
WINKELMAN, AZ 85192

TARGET PROPERTY COORDINATES

Latitude (North):	32.863368 - 32° 51' 48.12"
Longitude (West):	110.698733 - 110° 41' 55.44"
Universal Transverse Mercator:	Zone 12
UTM X (Meters):	528187.1
UTM Y (Meters):	3635989.5
Elevation:	2297 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	11826868 LOOKOUT MOUNTAIN, AZ
Version Date:	2018
North Map:	11826842 DUDLEYVILLE, AZ
Version Date:	2018

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

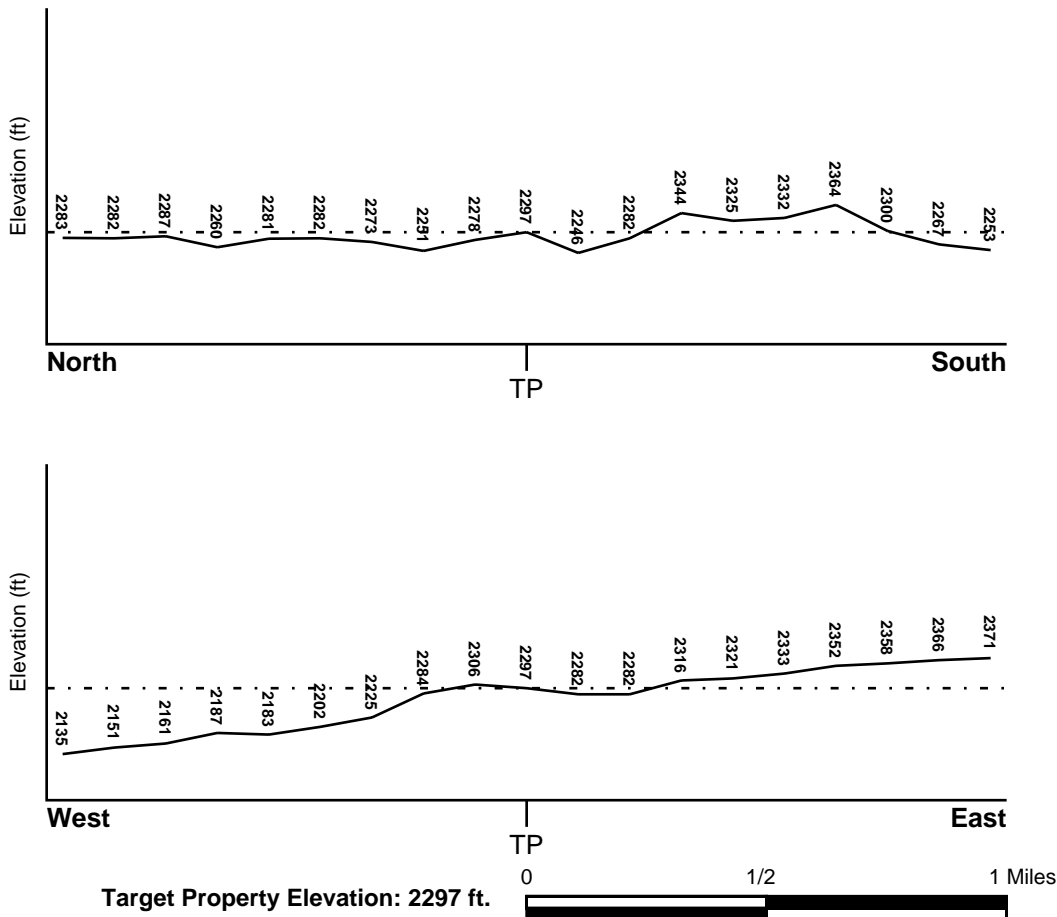
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
04021C1775E	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
04021C1389E	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
LOOKOUT MOUNTAIN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Tertiary
Series: Pliocene
Code: Tpc (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Continental Deposits

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: WHITE HOUSE

Soil Surface Texture: gravelly - loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

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

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	gravelly - loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 2.00 Min: 0.20	Max: 6.50 Min: 5.60
2	3 inches	26 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.10
3	26 inches	49 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.60 Min: 0.20	Max: 8.40 Min: 7.90
4	49 inches	60 inches	gravelly - sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 0.60 Min: 0.20	Max: 8.40 Min: 7.90

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: very gravelly - loam

Surficial Soil Types: very gravelly - loam

Shallow Soil Types: gravelly - clay loam
gravelly - loam

Deeper Soil Types: gravelly - sandy loam
very gravelly - loam

LOCAL / REGIONAL WATER AGENCY RECORDS

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	USGS40000047841	1/8 - 1/4 Mile NW
4	USGS40000047934	1/2 - 1 Mile NW
C9	USGS40000048021	1/2 - 1 Mile NW
B11	USGS40000047906	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

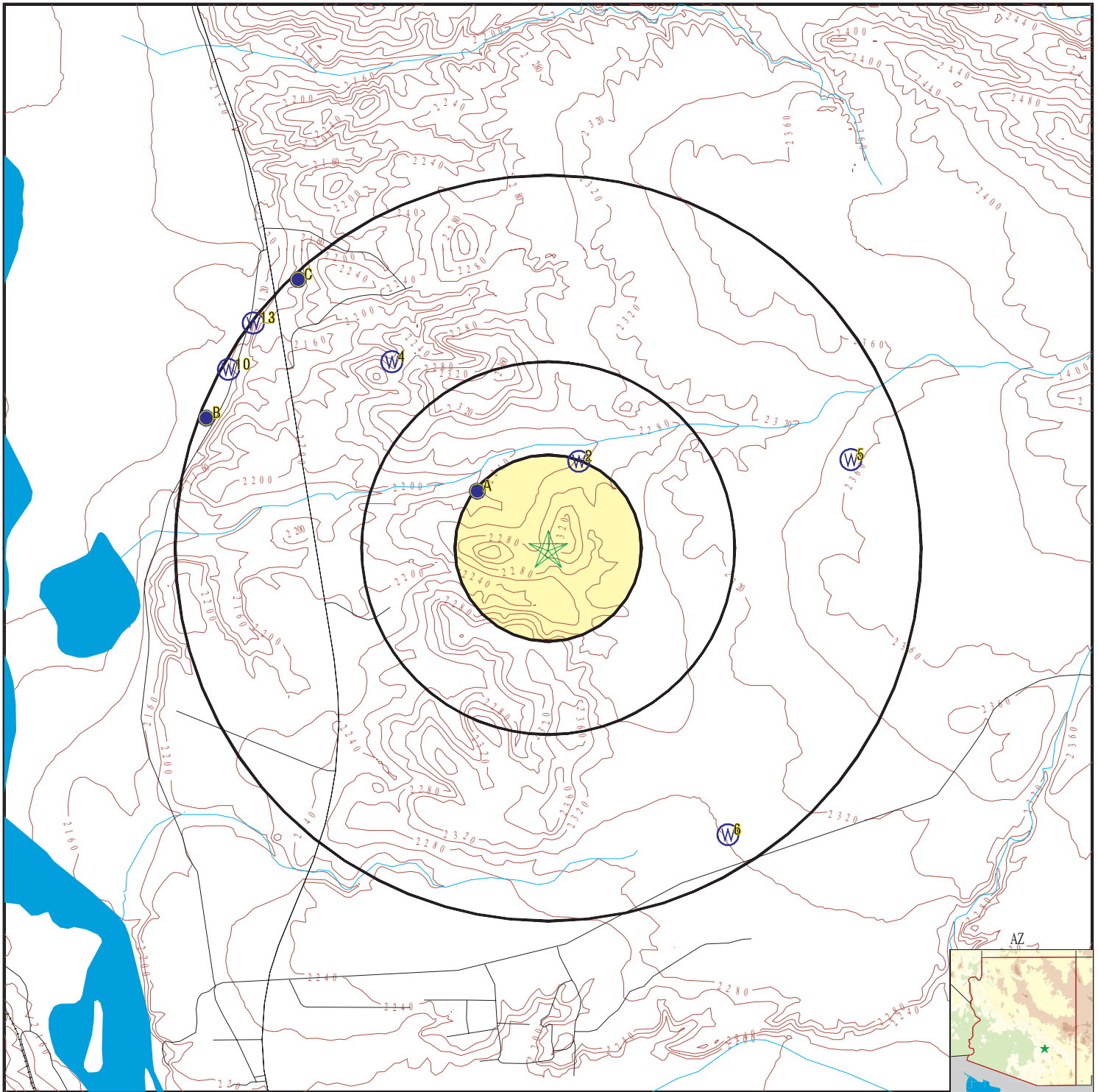
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	AZDEQ3000039253	1/8 - 1/4 Mile NW
2	AZDWR1200047198	1/8 - 1/4 Mile NNE
5	AZDWR1200094747	1/2 - 1 Mile ENE
6	AZDWR1200030910	1/2 - 1 Mile SSE
B7	AZDWR1200159504	1/2 - 1 Mile WNW
B8	AZDEQ3000021687	1/2 - 1 Mile WNW
10	AZDEQ3000021685	1/2 - 1 Mile WNW
C12	AZDEQ3000021683	1/2 - 1 Mile NW
13	AZDWR1200159842	1/2 - 1 Mile NW

PHYSICAL SETTING SOURCE MAP - 7270629.2s



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



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



SITE NAME: Winkelman
 ADDRESS: 1103 N Highway 77
 Winkelman AZ 85192
 LAT/LONG: 32.863368 / 110.698733

CLIENT: ARCADIS U.S., Inc.
 CONTACT: Rebecca Steever
 INQUIRY #: 7270629.2s
 DATE: March 06, 2023 11:38 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
NW
1/8 - 1/4 Mile
Lower

AZ WELLS AZDEQ3000039253

DWR Number:	Not Reported	DEQ Well #:	49045
Agency Well #:	49045	Start Date:	Not Reported
End Date:	Not Reported	Station Alt Name:	D-06-16 34CAC
well Depth:	Not Reported	Drill Depth:	Not Reported
Watershed:	SAN PEDRO	Basin:	Lower San Pedro
Aquifer Type:	Not Reported	Water Use:	Site Water Use Is Unknown
Well Type:	Well, For Single Wells Other Than Wells Of The Collector Or Ranney Type		

2
NNE
1/8 - 1/4 Mile
Lower

AZ WELLS AZDWR1200047198

Program:	55	Registry ID:	505957
Owner Name:	AZ STATE LAND DEPT	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	MINING
Basin Name:	LOWER SAN PEDRO	Driller License #:	186
Application:	26-JUL-83	Approved:	Not Reported
Installed Date:	12-MAY-84	Well Depth (ft):	1080
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	75	AMA or INA:	OUTSIDE OF AMA OR INA
Casing Depth (ft):	1000	Casing Diameter (in):	8
RGR Pump Data:	NO	Pump Type:	SUBMERSIBLE
Pump Power:	ELECTRIC MOTOR 1 - 5 HP	Pump Rate:	35
Tested Rate:	35	Draw Down:	341
Completion:	X	Well Cancelled:	Not Reported
Driller Log:	X	Watershed:	SAN PEDRO RIVER

A3
NW
1/8 - 1/4 Mile
Lower

FED USGS USGS40000047841

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	D-06-16 34CAC	Type:	Well
Description:	Not Reported	HUC:	15050203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	1	Level reading date:	1991-04-18
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The site was flowing, but the head could not be measured without additional equipment.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

4
NW
1/2 - 1 Mile
Lower

FED USGS USGS40000047934

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	D-06-16 33ACA	Type:	Well
Description:	Not Reported	HUC:	15050203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	1959
Well Depth:	100	Well Depth Units:	ft
Well Hole Depth:	100	Well Hole Depth Units:	ft

Ground water levels, Number of Measurements:	2	Level reading date:	1968-03-08
Feet below surface:	20.19	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1966-04-17	Feet below surface:	37.12
Feet to sea level:	Not Reported	Note:	Not Reported

5
ENE
1/2 - 1 Mile
Higher

AZ WELLS AZDWR1200094747

Program:	55	Registry ID:	556587
Owner Name:	NATIONAL GYPSUM CO,	Well Type:	SPCL - EXPLORATION
Well Type Group:	OTHER	Water Use:	NO WATER USE
Basin Name:	LOWER SAN PEDRO	Driller License #:	360
Application:	03-OCT-96	Approved:	Not Reported
Installed Date:	Not Reported	Well Depth (ft):	0
Casing Type:	NO CASING CODE LISTED	Water Level (ft):	0
AMA or INA:	OUTSIDE OF AMA OR INA	Casing Depth (ft):	0
Casing Diameter (in):	0	RGR Pump Data:	NO
Pump Type:	NO PUMP CODE LISTED	Pump Power:	NO POWER CODE LISTED
Pump Rate:	0	Tested Rate:	0
Draw Down:	0	Completion:	N
Well Cancelled:	Not Reported	Driller Log:	Not Reported
Watershed:	SAN PEDRO RIVER		

6
SSE
1/2 - 1 Mile
Higher

AZ WELLS AZDWR1200030910

Program:	55	Registry ID:	228922
Owner Name:	EL PASO NATURAL GAS COMPANY	Well Type:	SPCL - CATHODIC PROTECTION
Well Type Group:	OTHER	Water Use:	NO WATER USE
Basin Name:	LOWER SAN PEDRO	Driller License #:	817
Application:	07-JUN-18	Approved:	07-JUN-18
Installed Date:	Not Reported	Well Depth (ft):	500
Casing Type:	PLASTIC OR PVC	Water Level (ft):	0
AMA or INA:	OUTSIDE OF AMA OR INA	Casing Depth (ft):	500
Casing Diameter (in):	9	RGR Pump Data:	NO

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Pump Type:	Not Reported	Pump Power:	Not Reported
Pump Rate:	0	Tested Rate:	0
Draw Down:	0	Completion:	Not Reported
Well Cancelled:	Not Reported	Driller Log:	X
Watershed:	SAN PEDRO RIVER		

B7
WNW
1/2 - 1 Mile
Lower

AZ WELLS AZDWR1200159504

Program:	55	Registry ID:	617378
Owner Name:	ASARCO INC,	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	INDUSTRIAL
Basin Name:	LOWER SAN PEDRO	Driller License #:	0
Application:	28-MAY-82	Approved:	Not Reported
Installed Date:	01-APR-64	Well Depth (ft):	90
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	22	AMA or INA:	OUTSIDE OF AMA OR INA
Casing Depth (ft):	90	Casing Diameter (in):	20
RGR Pump Data:	NO	Pump Type:	NO PUMP CODE LISTED
Pump Power:	NO POWER CODE LISTED	Pump Rate:	2500
Tested Rate:	0	Draw Down:	0
Completion:	Not Reported	Well Cancelled:	Not Reported
Driller Log:	Not Reported	Watershed:	SAN PEDRO RIVER

B8
WNW
1/2 - 1 Mile
Lower

AZ WELLS AZDEQ3000021687

DWR Number:	Not Reported	DEQ Well #:	30444
Agency Well #:	30444	Start Date:	01-JAN-64
End Date:	Not Reported	Station Alt Name:	D-06-16 33ACC
well Depth:	Not Reported	Drill Depth:	90
Watershed:	SAN PEDRO	Basin:	Lower San Pedro
Aquifer Type:	Not Reported	Water Use:	Site Water Use Is Unknown
Well Type:	Well, For Single Wells Other Than Wells Of The Collector Or Ranney Type		

C9
NW
1/2 - 1 Mile
Lower

FED USGS USGS40000048021

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	D-06-16 33AAB	Type:	Well
Description:	Not Reported	HUC:	15050203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19640101
Well Depth:	90	Well Depth Units:	ft
Well Hole Depth:	90	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	3	Level reading date:	1968-03-08
---	---	---------------------	------------

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet below surface:	18.34	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1964-06-04	Feet below surface:	22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1964-04	Feet below surface:	18.00
Feet to sea level:	Not Reported	Note:	Not Reported

**10
WNW
1/2 - 1 Mile
Lower**

AZ WELLS AZDEQ3000021685

DWR Number:	55-617377	DEQ Well #:	30442
Agency Well #:	30442	Start Date:	01-DEC-59
End Date:	Not Reported	Station Alt Name:	ASARCO-HAYDEN PZ5
well Depth:	Not Reported	Drill Depth:	100
Watershed:	SAN PEDRO	Basin:	Lower San Pedro
Aquifer Type:	Not Reported	Water Use:	Site Water Use Is Unknown
Well Type:	Well, For Single Wells Other Than Wells Of The Collector Or Ranney Type		

**B11
WNW
1/2 - 1 Mile
Lower**

FED USGS USGS40000047906

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	D-06-16 33ACC	Type:	Well
Description:	Not Reported	HUC:	15050203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19640101
Well Depth:	90	Well Depth Units:	ft
Well Hole Depth:	90	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	4	Level reading date:	1968-03-28
Feet below surface:	27.44	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1966-04-17	Feet below surface:	26.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1966-04	Feet below surface:	24.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1964-04-01	Feet below surface:	22
Feet to sea level:	Not Reported	Note:	Not Reported

**C12
NW
1/2 - 1 Mile
Lower**

AZ WELLS AZDEQ3000021683

DWR Number:	Not Reported	DEQ Well #:	30440
Agency Well #:	30440	Start Date:	01-JAN-64

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

End Date:	Not Reported	Station Alt Name:	D-06-16 33AAB
well Depth:	Not Reported	Drill Depth:	90
Watershed:	SAN PEDRO	Basin:	Lower San Pedro
Aquifer Type:	Not Reported	Water Use:	Site Water Use Is Unknown
Well Type:	Well, For Single Wells Other Than Wells Of The Collector Or Ranney Type		

**13
NW
1/2 - 1 Mile
Lower**

AZ WELLS AZDWR1200159842

Program:	55	Registry ID:	617380
Owner Name:	ASARCO INC,	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	INDUSTRIAL
Basin Name:	LOWER SAN PEDRO	Driller License #:	0
Application:	28-MAY-82	Approved:	Not Reported
Installed Date:	01-MAY-64	Well Depth (ft):	90
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	20	AMA or INA:	OUTSIDE OF AMA OR INA
Casing Depth (ft):	90	Casing Diameter (in):	20
RGR Pump Data:	NO	Pump Type:	NO PUMP CODE LISTED
Pump Power:	NO POWER CODE LISTED	Pump Rate:	2500
Tested Rate:	0	Draw Down:	0
Completion:	Not Reported	Well Cancelled:	Not Reported
Driller Log:	Not Reported	Watershed:	SAN PEDRO RIVER

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for PINAL County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for PINAL COUNTY, AZ

Number of sites tested: 28

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	1.471 pCi/L	93%	7%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: Riparian Vegetation Associated with Perennial Waters

Source: State Land Department

Telephone: 602-542-4094

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Arizona Well Registration Database

Source: Department of Water Resources

Telephone: 602-771-8535

The Wells database contains all wells registered in the state.

Water Well Information

Agency: Department of Environmental Quality

Telephone: 602-771-2300

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

Source: Arizona Geological Survey

Telephone: 520-770-3500

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

RADON

State Database: AZ Radon

Source: Arizona Radiation Regulatory Agency

Telephone: 602-255-4845

State Indoor Radon Survey

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

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

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

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

STREET AND ADDRESS INFORMATION

Â© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

Appendix C

Historical Records



Winkelman

1103 N Highway 77

Winkelman, AZ 85192

Inquiry Number: 7270629.8

March 08, 2023

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

03/08/23

Site Name:

Winkelman
1103 N Highway 77
Winkelman, AZ 85192
EDR Inquiry # 7270629.8

Client Name:

ARCADIS U.S., Inc.
200 South Michigan Avenue Suite 2000
Chicago, IL 60604
Contact: Rebecca Steever



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2019	1"=875'	Flight Year: 2019	USDA/NAIP
2015	1"=875'	Flight Year: 2015	USDA/NAIP
2010	1"=875'	Flight Year: 2010	USDA/NAIP
2007	1"=875'	Flight Year: 2007	USDA/NAIP
2005	1"=875'	Flight Year: 2005	USDA/NAIP
1992	1"=875'	Acquisition Date: January 01, 1992	USGS/DOQQ
1983	1"=875'	Flight Date: July 04, 1983	USDA
1978	1"=875'	Flight Date: September 30, 1978	USGS
1967	1"=875'	Flight Date: June 30, 1967	USGS
1956	1"=875'	Flight Date: March 02, 1956	USGS
1947	1"=875'	Flight Date: January 22, 1947	USGS

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Disclaimer - Copyright and Trademark Notice

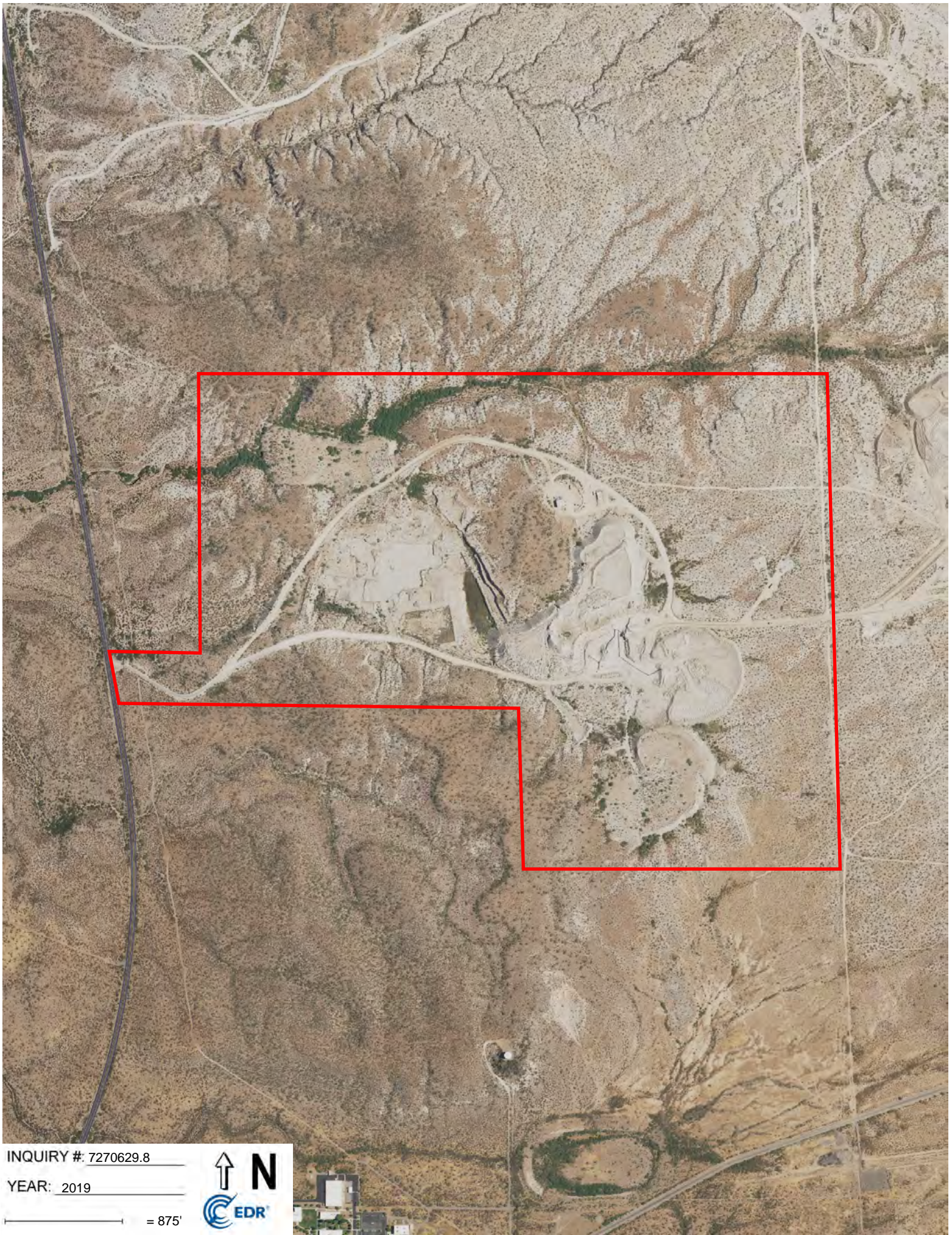
This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT.

ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT.

Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2023 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

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

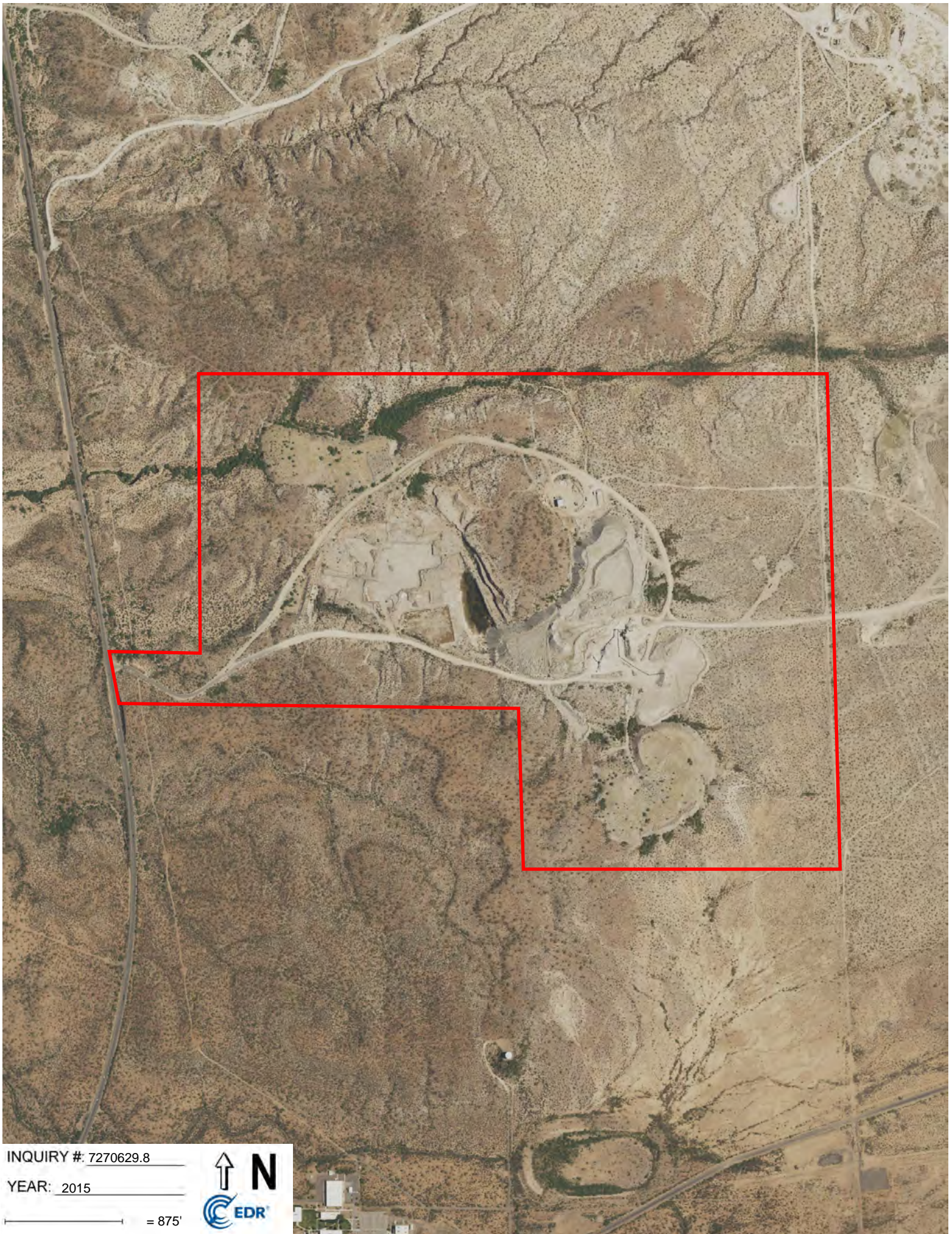


INQUIRY #: 7270629.8

YEAR: 2019

— = 875'



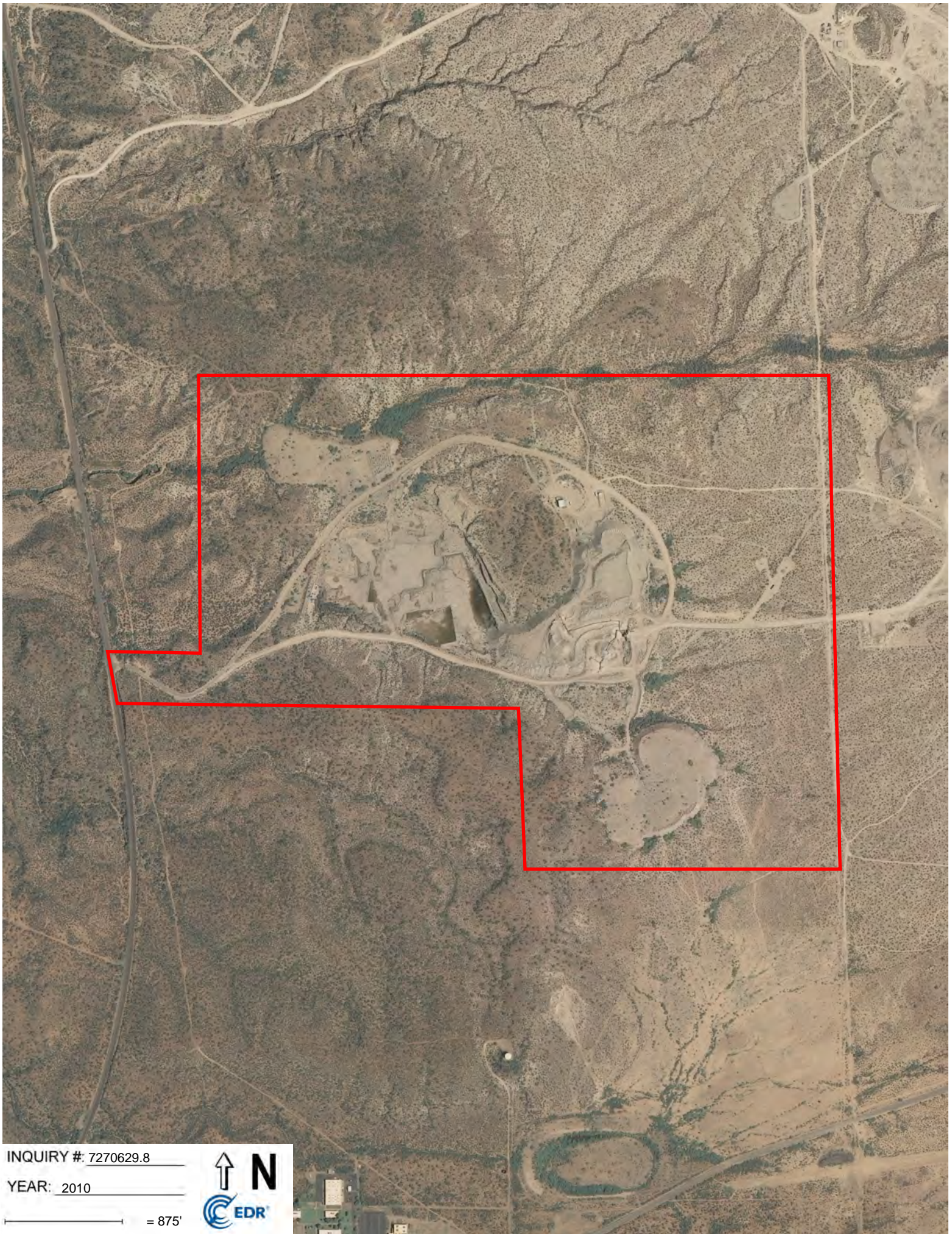


INQUIRY #: 7270629.8

YEAR: 2015

— = 875'



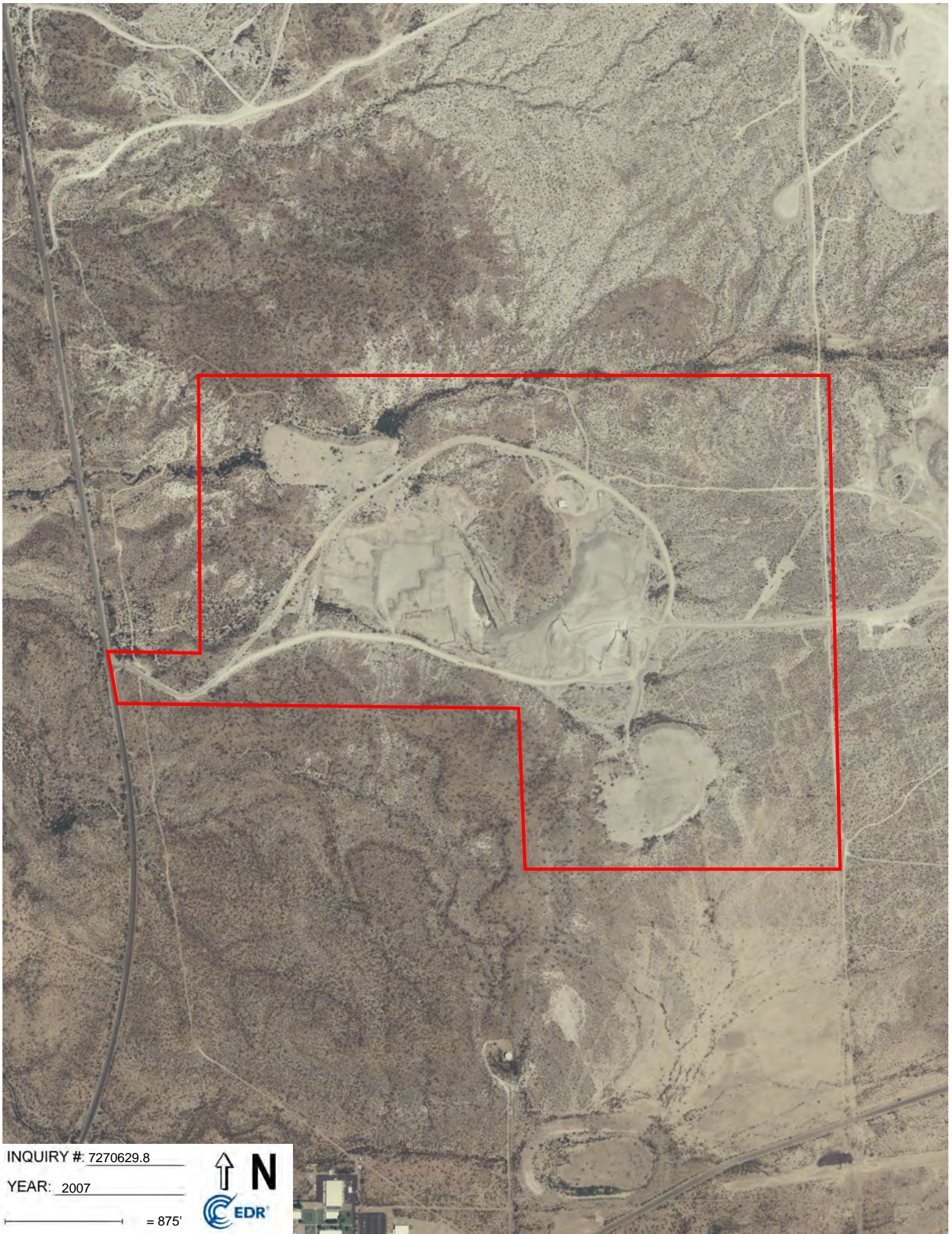


INQUIRY #: 7270629.8

YEAR: 2010

— = 875'





INQUIRY # 7270629.8

YEAR: 2007

— = 875'





INQUIRY #: 7270629.8

YEAR: 2005

— = 875'



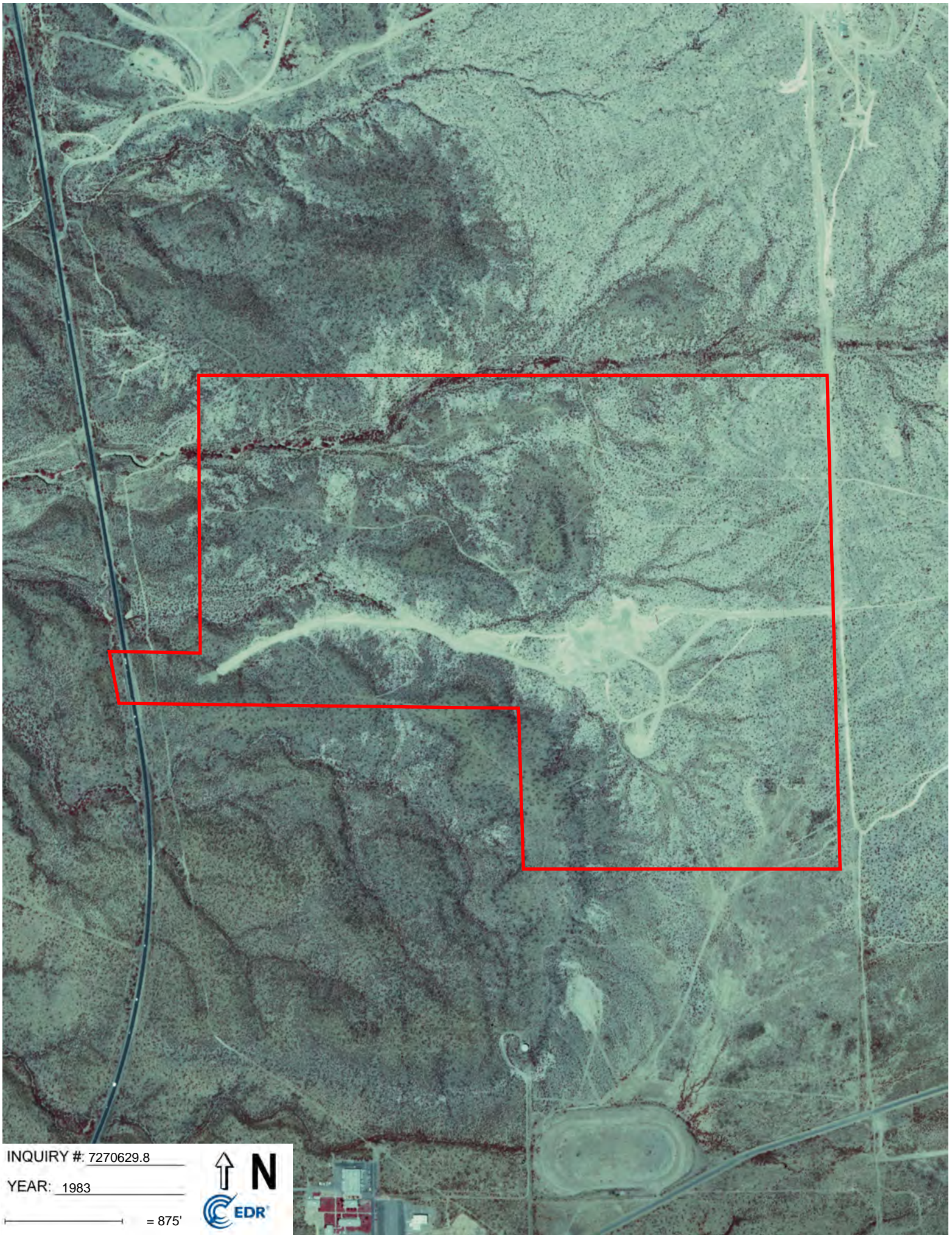


INQUIRY #: 7270629.8

YEAR: 1992

— = 875'



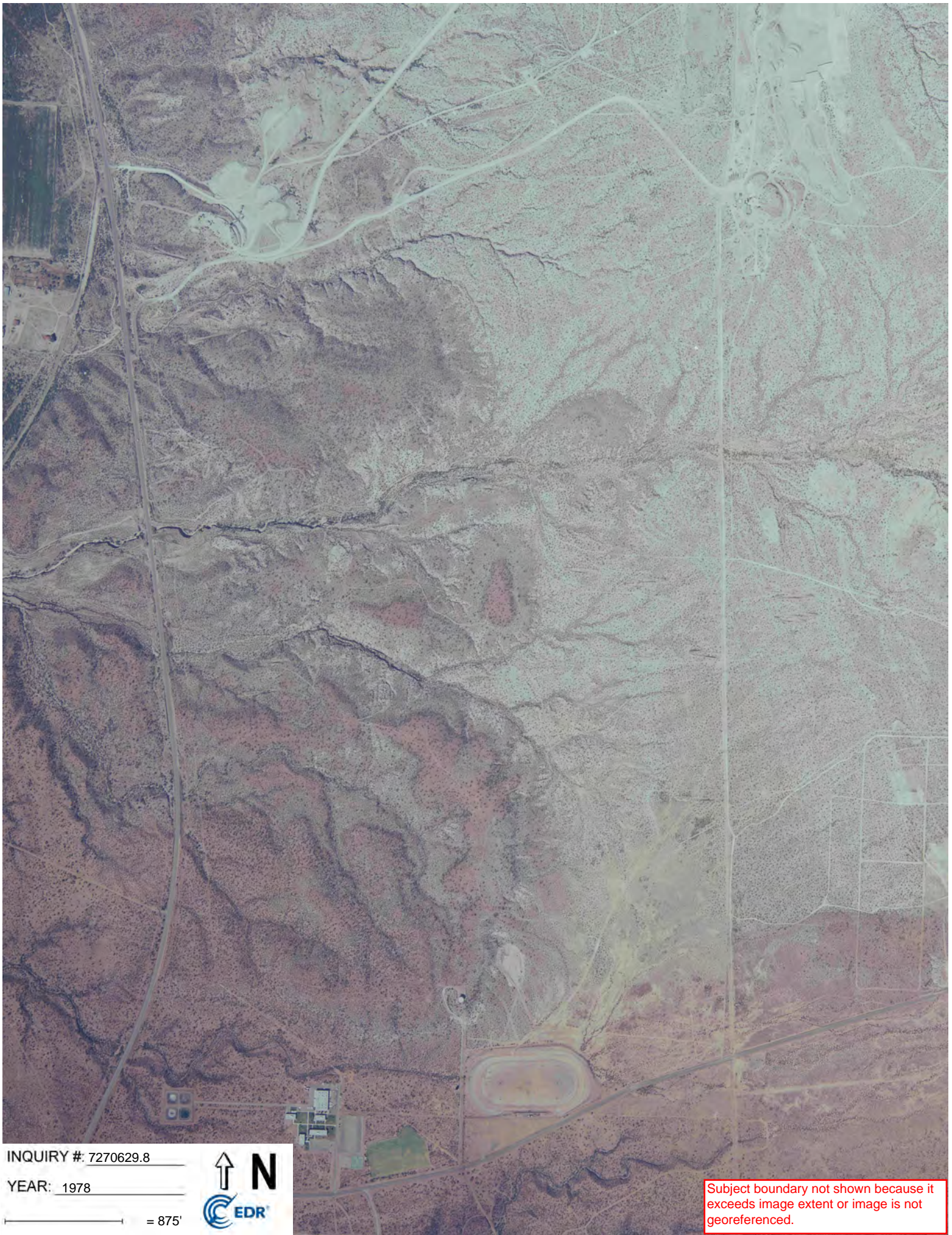


INQUIRY #: 7270629.8

YEAR: 1983

— = 875'





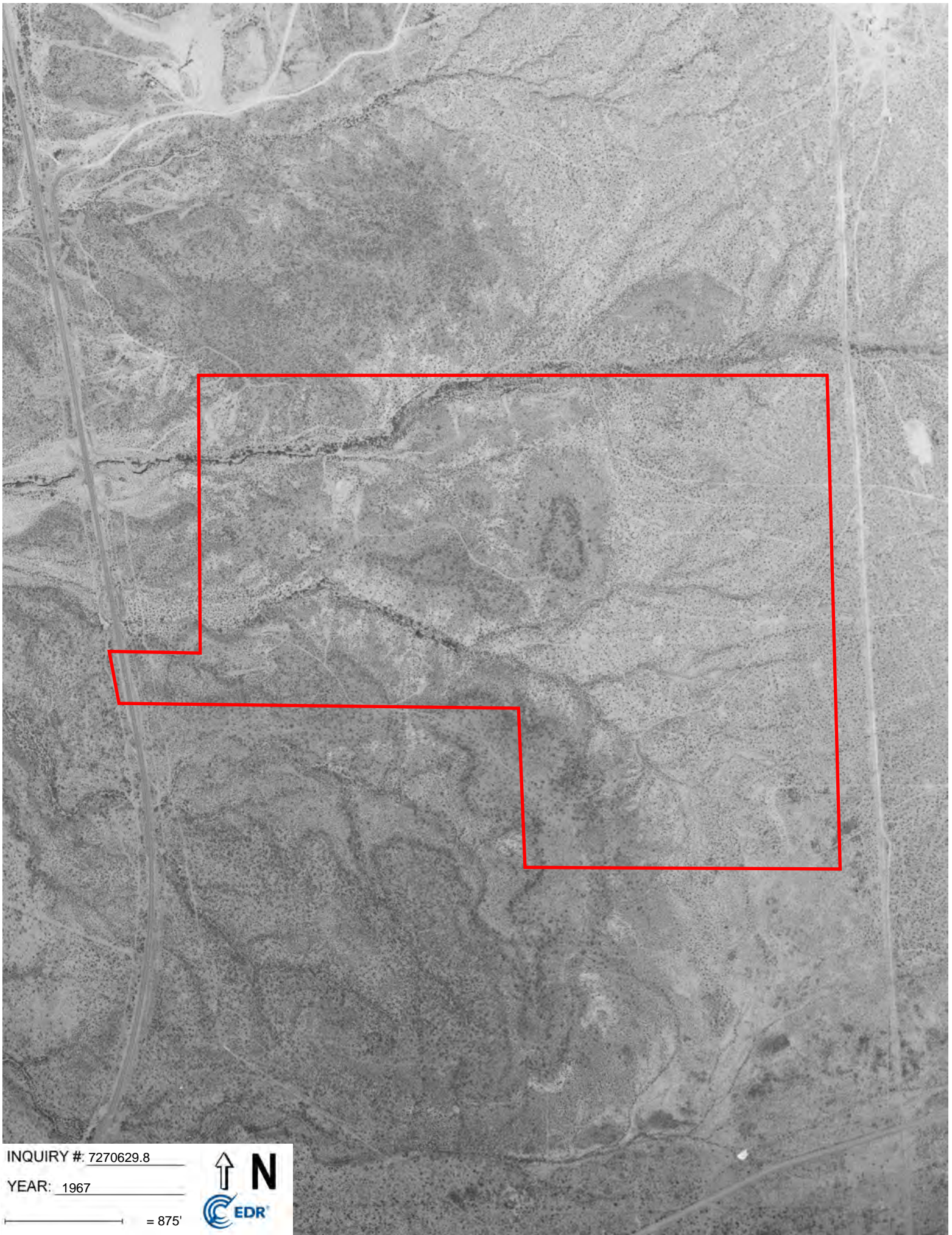
INQUIRY #: 7270629.8

YEAR: 1978

— = 875'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.

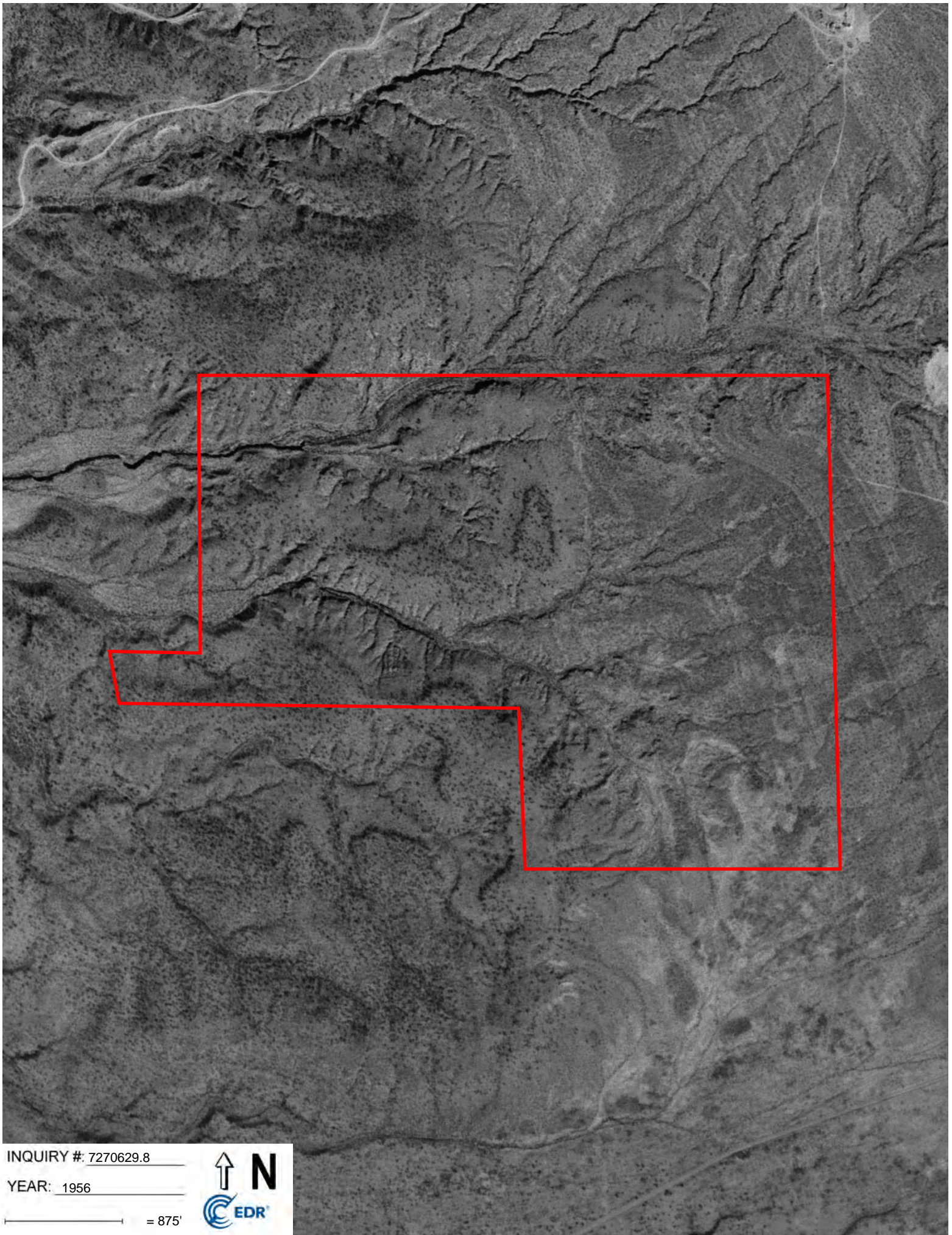


INQUIRY #: 7270629.8

YEAR: 1967

— = 875'



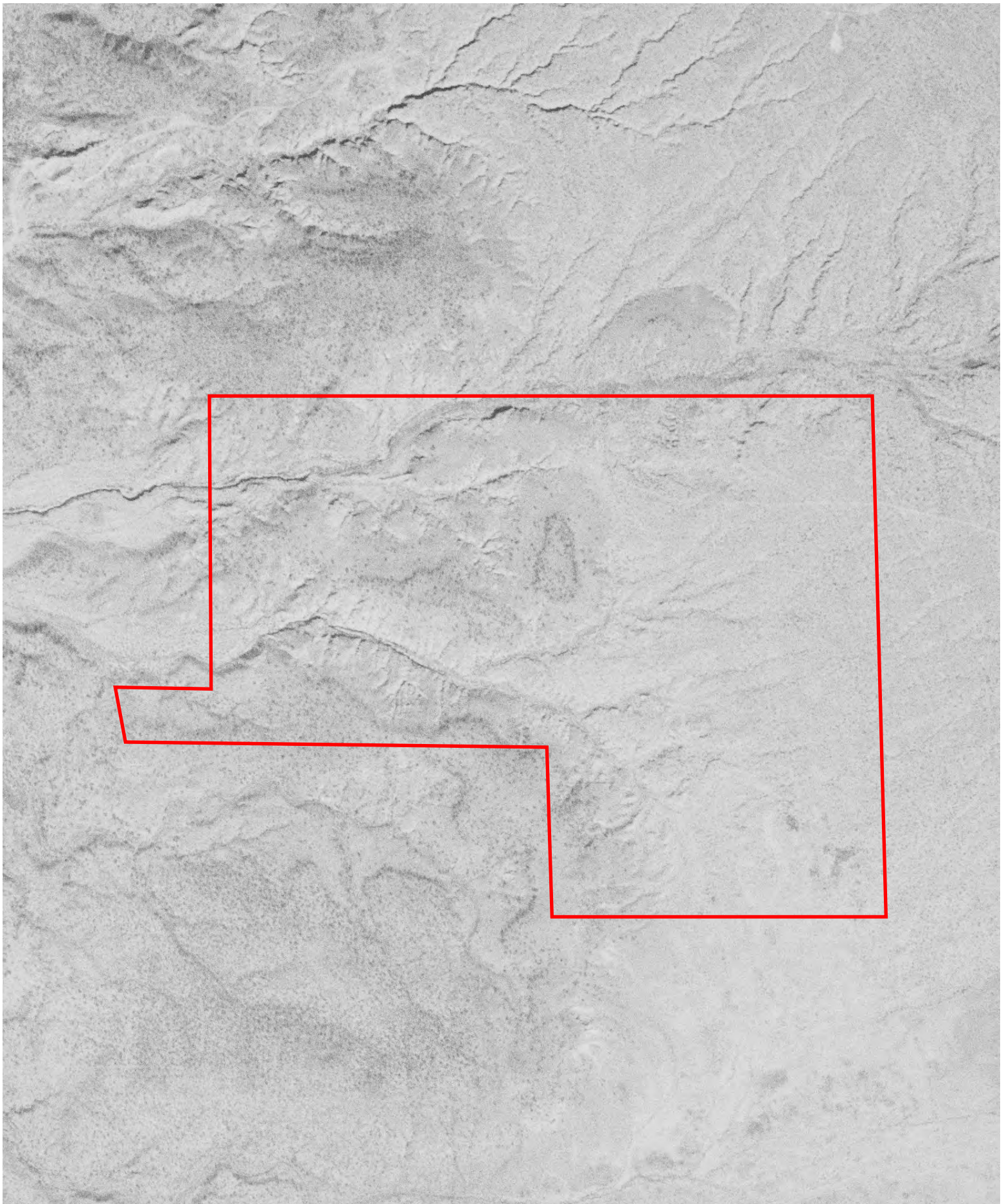


INQUIRY #: 7270629.8

YEAR: 1956

— = 875'





INQUIRY #: 7270629.8

YEAR: 1947

— = 875'



Winkelman

1103 N Highway 77

Winkelman, AZ 85192

Inquiry Number: 7270629.4

March 06, 2023

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

03/06/23

Site Name:

Winkelman
1103 N Highway 77
Winkelman, AZ 85192
EDR Inquiry # 7270629.4

Client Name:

ARCADIS U.S., Inc.
200 South Michigan Avenue Suite 2000
Chicago, IL 60604
Contact: Rebecca Steever



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

Search Results:

Coordinates:

P.O.#	00000000	Latitude:	32.863368 32° 51' 48" North
Project:	Arizona Plant Survey - Nationa	Longitude:	-110.698733 -110° 41' 55" West
		UTM Zone:	Zone 12 North
		UTM X Meters:	528186.46
		UTM Y Meters:	3636180.28
		Elevation:	2302.53' above sea level

Maps Provided:

2018
2014
1972
1950
1949
1913
1911

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT.

ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT. Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2023 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

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

Topo Sheet Key

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

2018 Source Sheets



Lookout Mountain
2018
7.5-minute, 24000



Dudleyville
2018
7.5-minute, 24000

2014 Source Sheets



Lookout Mountain
2014
7.5-minute, 24000



Dudleyville
2014
7.5-minute, 24000

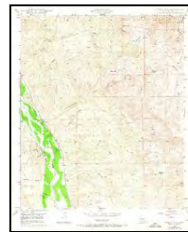
1972 Source Sheets



Dudleyville
1972
7.5-minute, 24000
Aerial Photo Revised 1972



Lookout Mtn
1972
7.5-minute, 24000
Aerial Photo Revised 1972

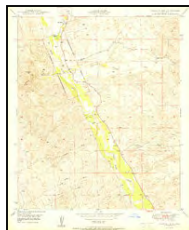


Saddle Mtn.
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1950 Source Sheets



Saddle Mtn.
1950
7.5-minute, 24000
Aerial Photo Revised 1947



Lookout Mtn
1950
7.5-minute, 24000
Aerial Photo Revised 1947

Topo Sheet Key

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

1949 Source Sheets

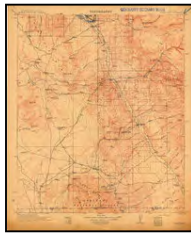


Lookout Mtn
1949
7.5-minute, 24000
Aerial Photo Revised 1947



Saddle Mtn.
1949
7.5-minute, 24000
Aerial Photo Revised 1947

1913 Source Sheets

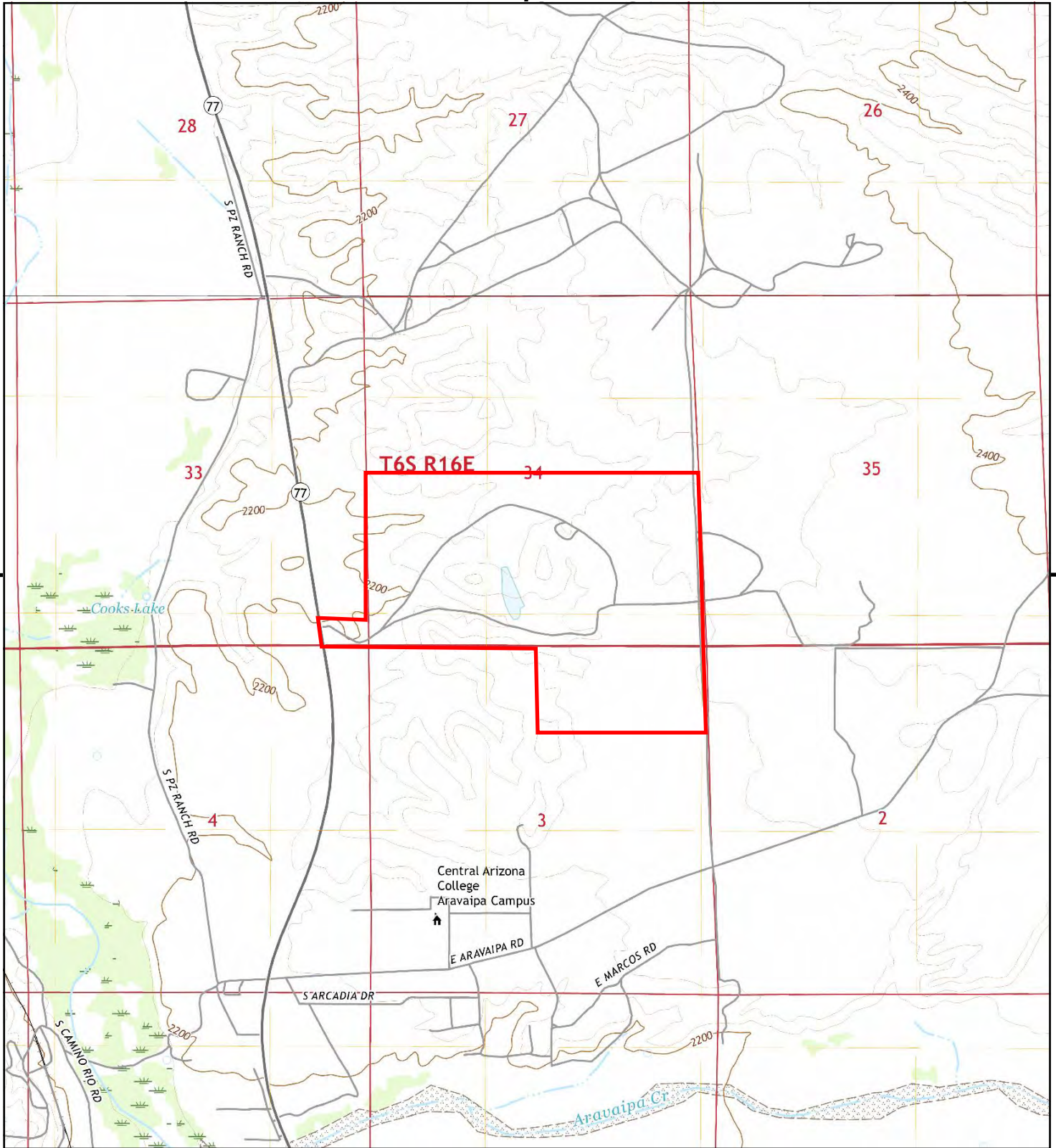


Winkelman
1913
30-minute, 125000

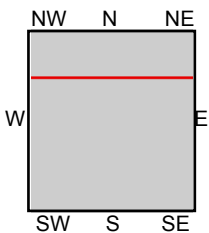
1911 Source Sheets



Winkelman
1911
30-minute, 125000



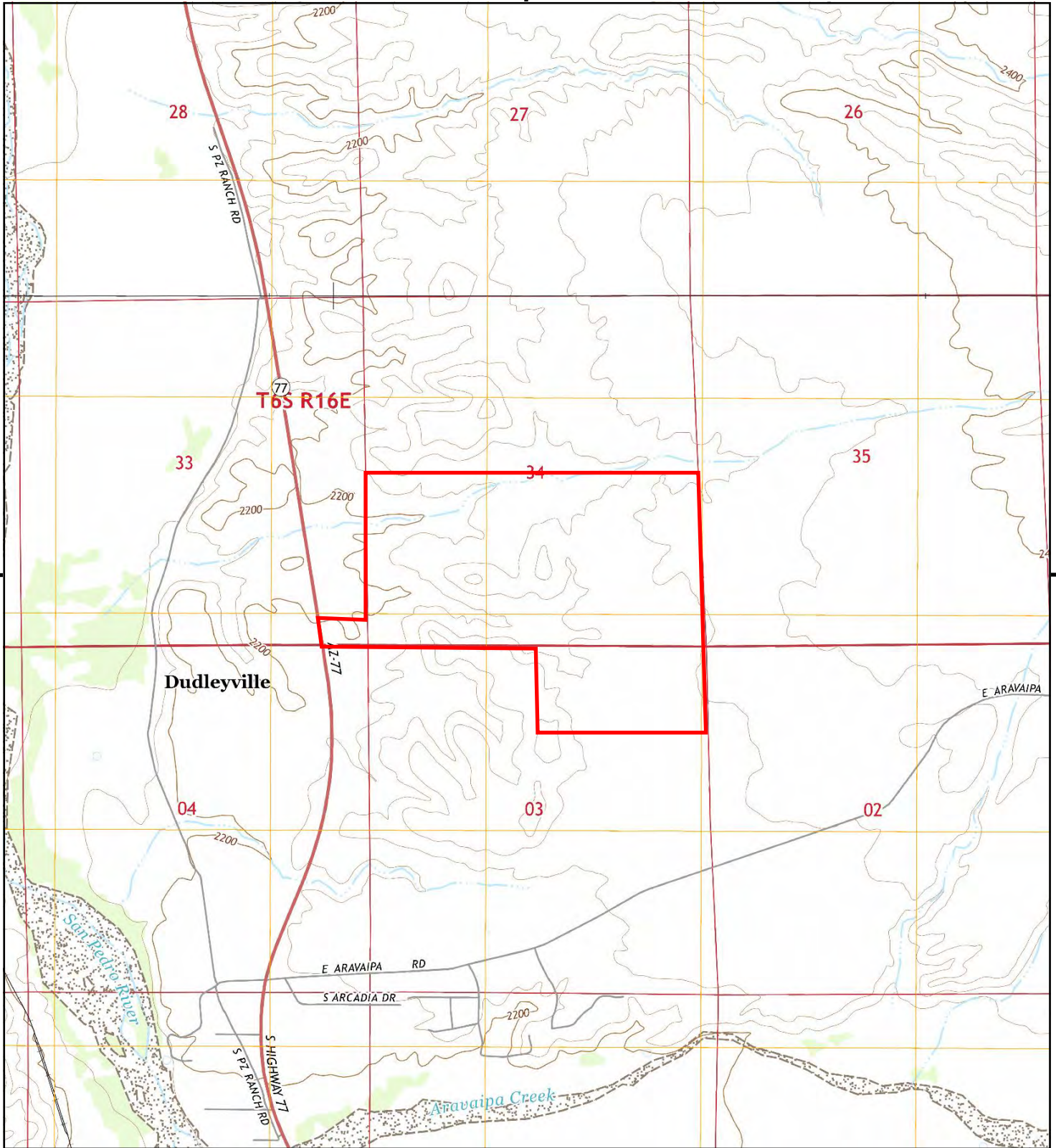
This report includes information from the following map sheet(s).



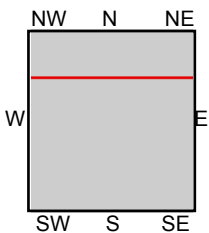
TP, Lookout Mountain, 2018, 7.5-minute
N, Dudleyville, 2018, 7.5-minute

SITE NAME: Winkelman
ADDRESS: 1103 N Highway 77
Winkelman, AZ 85192
CLIENT: ARCADIS U.S., Inc.





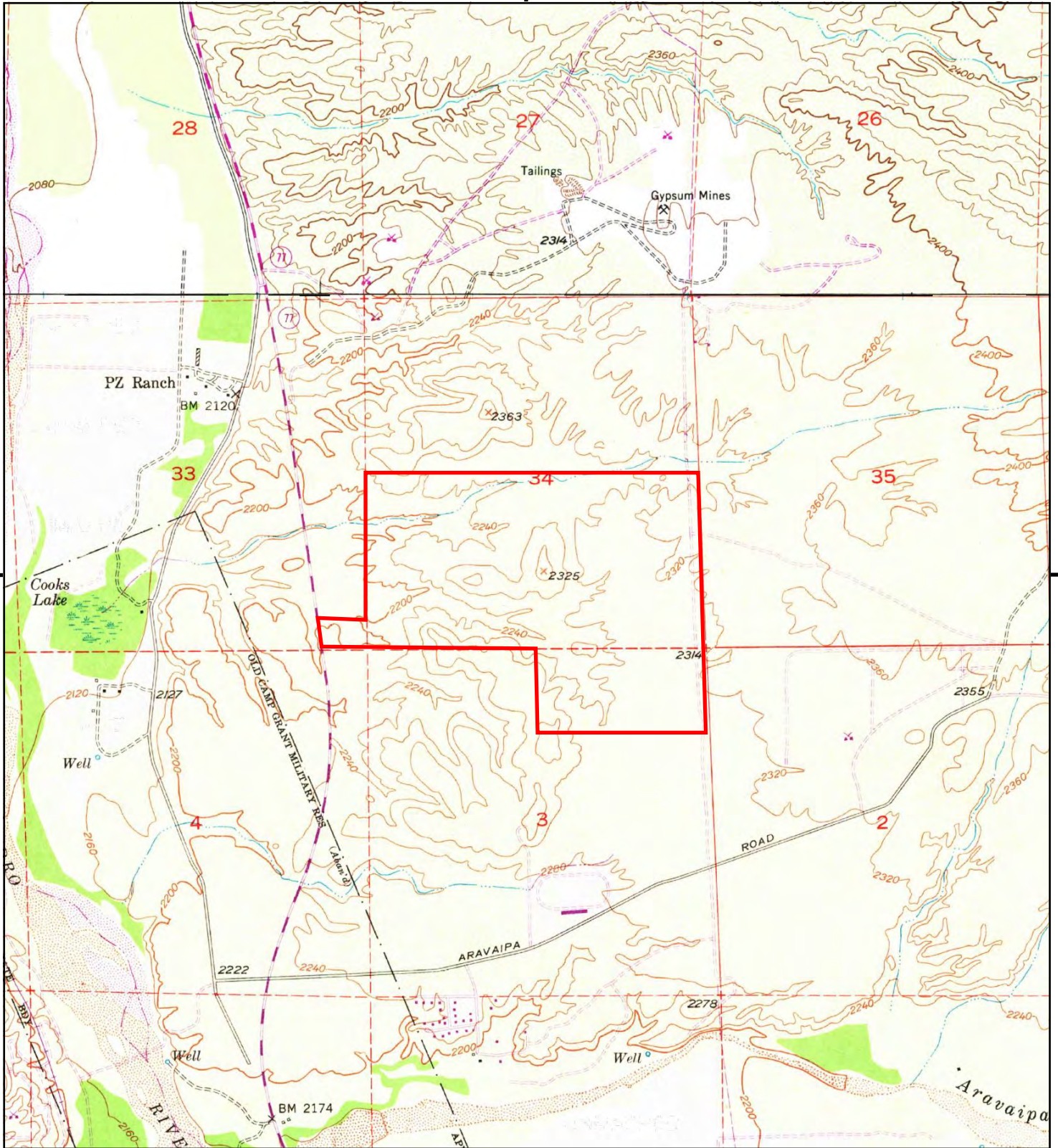
This report includes information from the following map sheet(s).



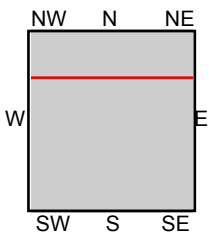
TP, Lookout Mountain, 2014, 7.5-minute
 N, Dudleyville, 2014, 7.5-minute

SITE NAME: Winkelman
 ADDRESS: 1103 N Highway 77
 Winkelman, AZ 85192
 CLIENT: ARCADIS U.S., Inc.





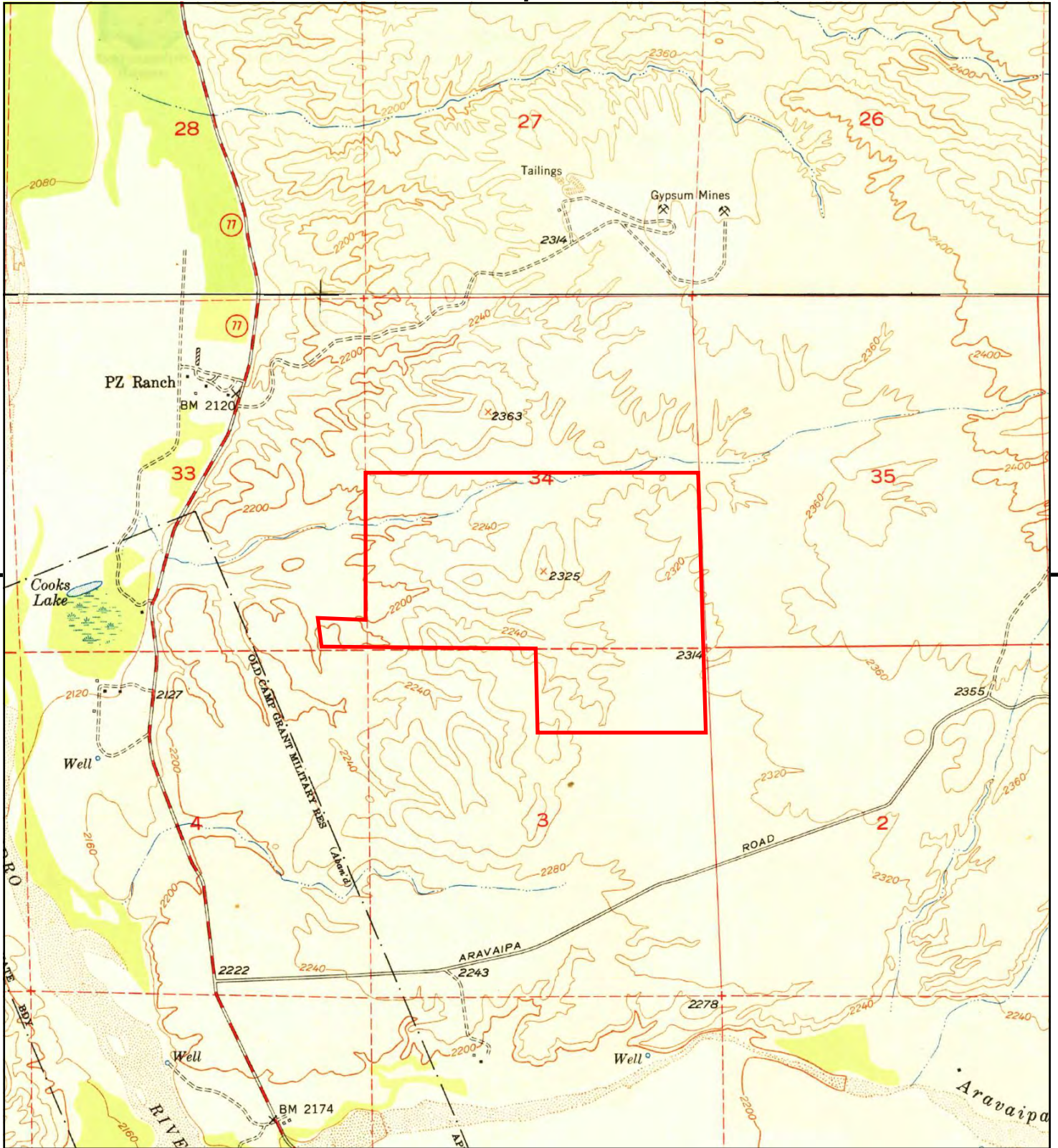
This report includes information from the following map sheet(s).



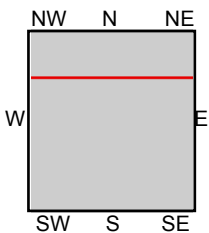
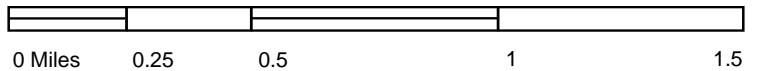
TP, Lookout Mtn, 1972, 7.5-minute
 N, Dudleyville, 1972, 7.5-minute
 N, Saddle Mtn., 1972, 7.5-minute

SITE NAME: Winkelman
ADDRESS: 1103 N Highway 77
 Winkelman, AZ 85192
CLIENT: ARCADIS U.S., Inc.





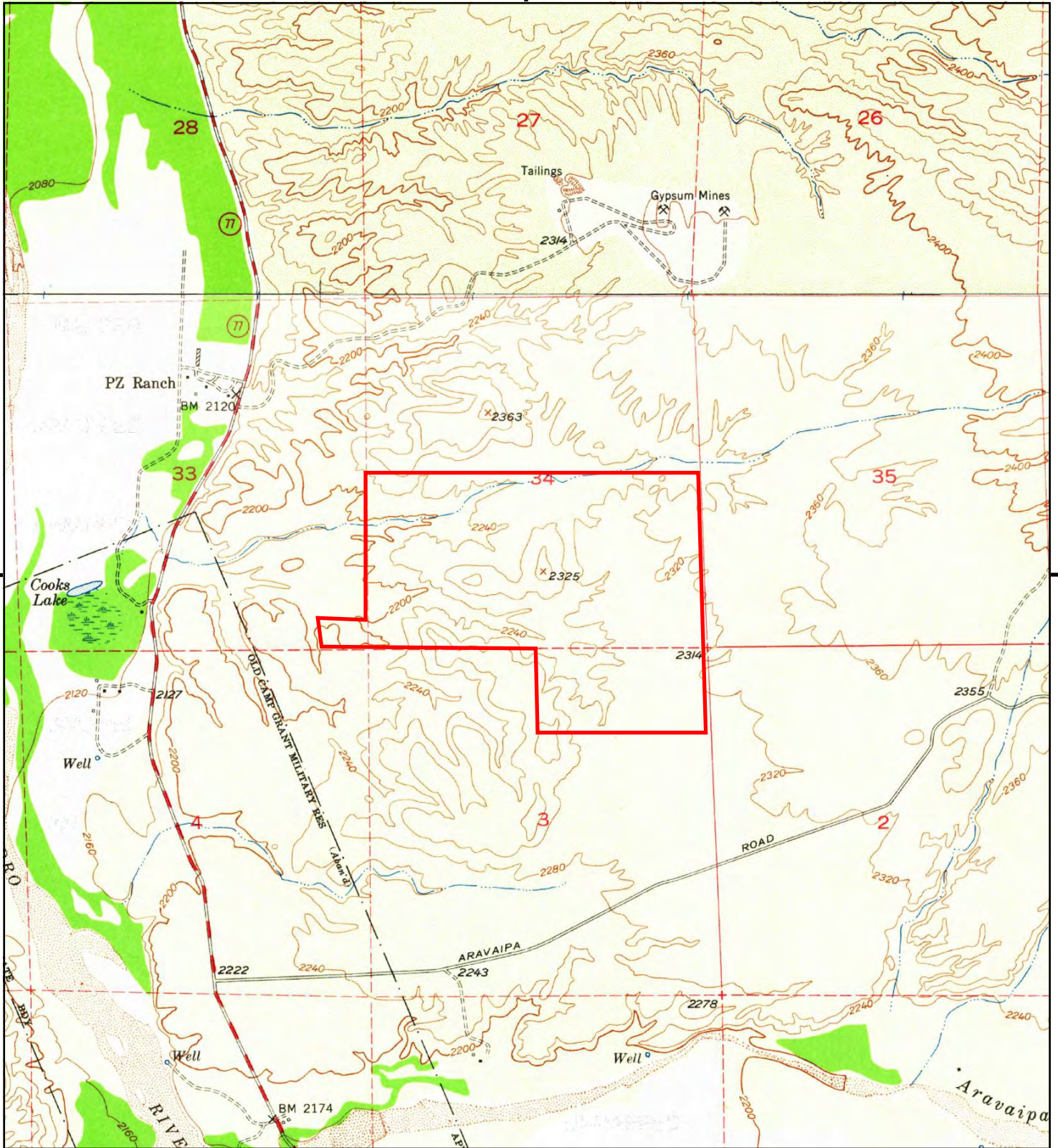
This report includes information from the following map sheet(s).



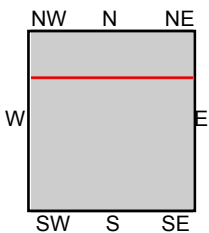
TP, Lookout Mtn, 1950, 7.5-minute
N, Saddle Mtn., 1950, 7.5-minute

SITE NAME: Winkelman
ADDRESS: 1103 N Highway 77
Winkelman, AZ 85192
CLIENT: ARCADIS U.S., Inc.





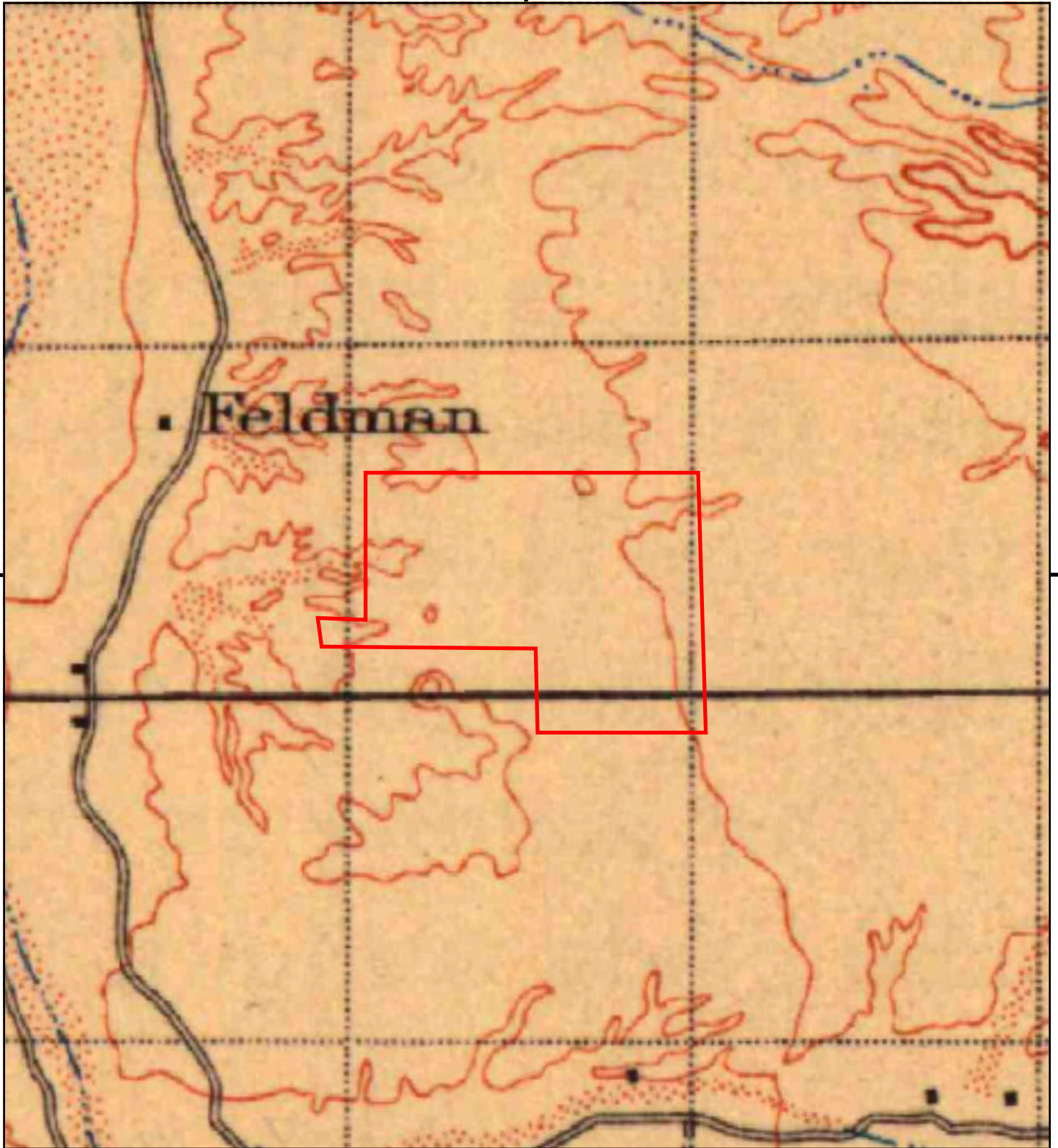
This report includes information from the following map sheet(s).



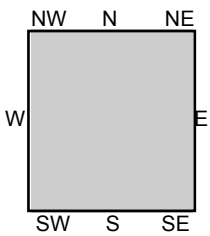
TP, Lookout Mtn, 1949, 7.5-minute
N, Saddle Mtn., 1949, 7.5-minute

SITE NAME: Winkelman
ADDRESS: 1103 N Highway 77
Winkelman, AZ 85192
CLIENT: ARCADIS U.S., Inc.





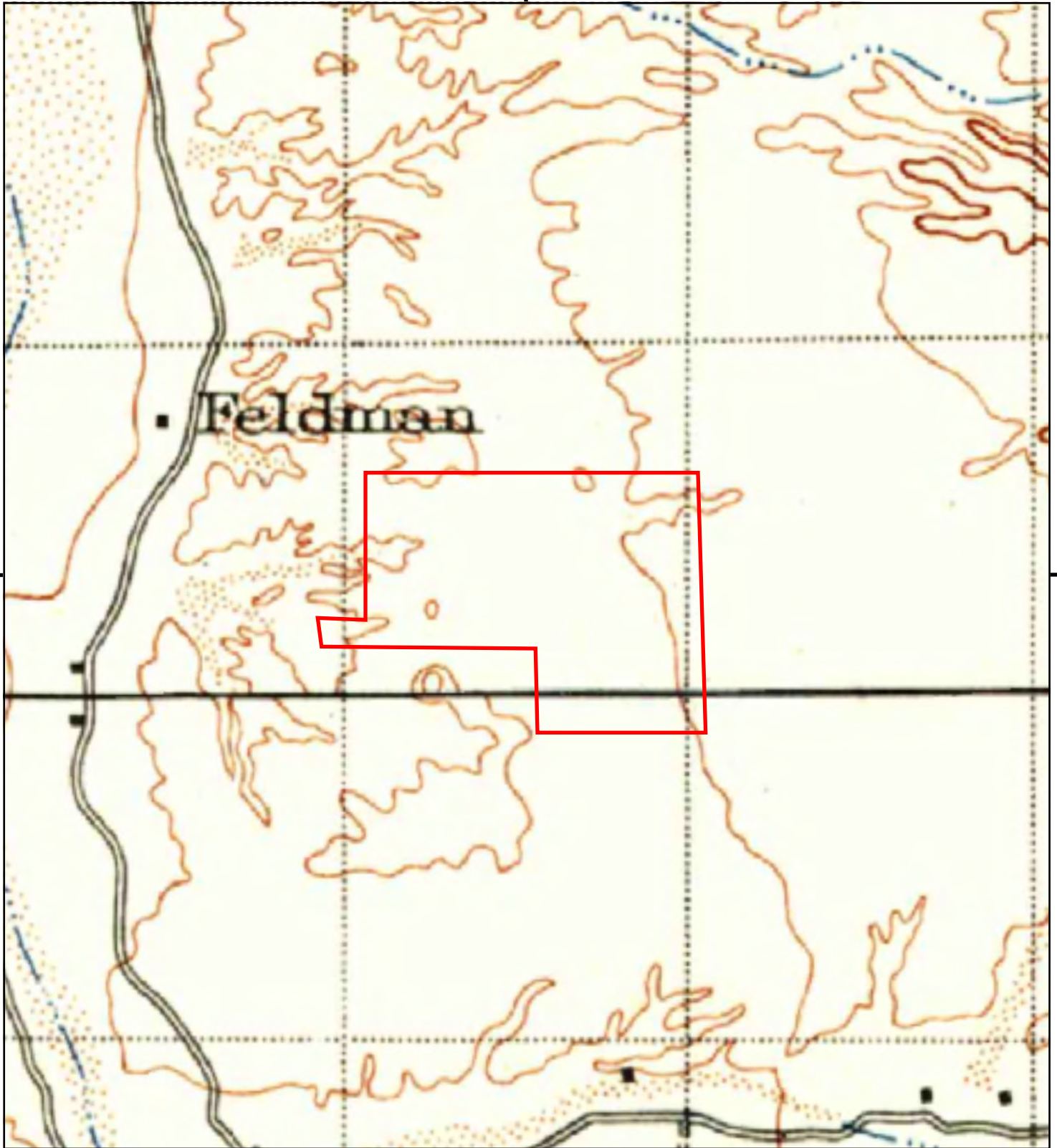
This report includes information from the following map sheet(s).



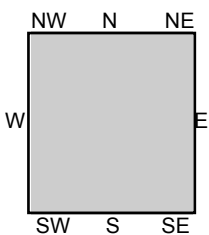
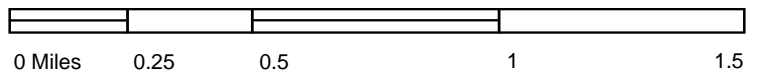
TP, Winkelman, 1913, 30-minute

SITE NAME: Winkelman
ADDRESS: 1103 N Highway 77
Winkelman, AZ 85192
CLIENT: ARCADIS U.S., Inc.





This report includes information from the following map sheet(s).



TP, Winkelman, 1911, 30-minute

SITE NAME: Winkelman
ADDRESS: 1103 N Highway 77
Winkelman, AZ 85192
CLIENT: ARCADIS U.S., Inc.





Winkelman

1103 N Highway 77

Winkelman, AZ 85192

Inquiry Number: 7270629.3

March 06, 2023

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

03/06/23

Site Name:

Winkelman
1103 N Highway 77
Winkelman, AZ 85192
EDR Inquiry # 7270629.3

Client Name:

ARCADIS U.S., Inc.
200 South Michigan Avenue Suite 2000
Chicago, IL 60604
Contact: Rebecca Steever



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by ARCADIS U.S., Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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

Certified Sanborn Results:

Certification # 9F7F-410D-9CC2
PO # 00000000
Project Arizona Plant Survey - Nationa



Sanborn® Library search results

Certification #: 9F7F-410D-9CC2

UNMAPPED PROPERTY

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

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

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

ARCADIS U.S., Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT. Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2023 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

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

Winkelman

1103 N Highway 77
Winkelman, AZ 85192

Inquiry Number: 7270629.5
March 06, 2023

The EDR-City Directory Image Report

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, LLC. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. This Report is provided on an "AS IS", "AS AVAILABLE" basis. **NO WARRANTY EXPRESS OR IMPLIED IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, LLC AND ITS SUBSIDIARIES, AFFILIATES AND THIRD PARTY SUPPLIERS DISCLAIM ALL WARRANTIES, OF ANY KIND OR NATURE, EXPRESS OR IMPLIED, ARISING OUT OF OR RELATED TO THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT, INCLUDING WITHOUT LIMITATION, ANY WARRANTIES REGARDING ACCURACY, QUALITY, CORRECTNESS, COMPLETENESS, COMPREHENSIVENESS, SUITABILITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, MISAPPROPRIATION, OR OTHERWISE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, LLC OR ITS SUBSIDIARIES, AFFILIATES OR THIRD PARTY SUPPLIERS BE LIABLE TO ANYONE FOR ANY DIRECT, INCIDENTAL, INDIRECT, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY TYPE OR KIND (INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS, LOSS OF USE, OR LOSS OF DATA), ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS REPORT OR ANY OF THE DATA AND INFORMATION PROVIDED IN THIS REPORT.** Any analyses, estimates, ratings, environmental risk levels, or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only an assessment performed by a qualified environmental professional can provide findings, opinions or conclusions regarding the environmental risk or conditions in, on or at any property.

Copyright 2023 by Environmental Data Resources, LLC. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, LLC, or its affiliates, is prohibited without prior written permission.

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

EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2020	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information

FINDINGS

TARGET PROPERTY STREET

1103 N Highway 77
Winkelman, AZ 85192

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

N HIGHWAY 77

2020	pg A1	EDR Digital Archive
2017	pg A2	Cole Information
2014	pg A3	Cole Information
2010	pg A4	Cole Information
2005	pg A5	Cole Information
2000	pg A6	Cole Information
1995	pg A7	Cole Information
1992	pg A8	Cole Information

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

N HIGHWAY 77 2020

2034	BRENNA HALCOMB HALCOMB COLEMAN
2046	BERT BROWNRIGG NORINE BROWNRIGG PEGGY BROWNRIGG TROY BROWNRIGG
7457	HEATH MCEUEN
7542	CONNIE ALLEN MILDRED BAILEY

Target Street

Cross Street

Source

✓

-

Cole Information

N HIGHWAY 77

2017

1103	NATIONAL GYPSUM QUARRY
6466	MINIT MARKET
8195	DUDLEYVILLE LANDFILL

N HIGHWAY 77 2014

1103 GOLD BOND BUILDING PRODUCTS A NATION
NATIONAL GYPSUM QUARRY
OCCUPANT UNKNOWN,
2034 OCCUPANT UNKNOWN,
2046 BROWNRIGG, TROY A
3204 OCCUPANT UNKNOWN,
5905 WHITE, CHARLES L
6466 MINIT MARKET
7020 NEWTON, SHARON M
7457 MCEUEN, HEATH A
7542 BAILEY, MILDRED E
8195 OCCUPANT UNKNOWN,

N HIGHWAY 77 2010

1103	NATIONAL GYPSUM CO
2046	BROWNRIGG, TROY A
5829	ORTEGA, EDNA M
5905	WHITE, JOHNIE E
7002	LACY, WILLIAM H
7020	NEWTON, SHARON M
7457	MCEUEN, ANTONIETTE
7542	ALLEN, CONNIE M
8195	WASTE MANAGEMENT INC

Target Street

Cross Street

Source

✓

-

Cole Information

N HIGHWAY 77

2005

1103	NEW NGC
2430	QUICK, JERRY D
7457	MCEUEN, LONNIE
8195	WASTE MANAGEMENT

N HIGHWAY 77

2000

2430 QUICK, JERRY D
5905 WHITE, JOHNIE E
7002 LACY, WILLIAM H
7020 ESCALANTE, FELIPE L
7457 MCEUEN, LONNIE
8195 UNITED WASTE SYSTEMS

Target Street

Cross Street

Source

✓

-

Cole Information

N HIGHWAY 77

1995

7020 VALENTINES MOBILE HOME PARK

Target Street

Cross Street

Source

✓

-

Cole Information

N HIGHWAY 77

1992

7002 LACY, WILLIAM H
7020 ESCALANTE, FELIPE L JR

Appendix D

Resumes

Matthew Monte

Project Geologist / Certified Project Manager

EDUCATION

B.S., Arizona State University 2011

Geological Sciences,

B.S., Bradley University 2001

Business Management and Administration

YEARS OF EXPERIENCE

Total – 12

With ARCADIS – 7

PROFESSIONAL REGISTRATIONS

Registered Geologist

Arizona (No. 67381)

PROFESSIONAL QUALIFICATIONS

40-Hour OSHA HAZWOPER

Training with Annual Refresher

24-Hour MSHA Part 48 New Miner

Training with Annual Refresher

Hazmat #1 DOT/IATA Shipping and

Transpiration Training

CPR & First Aid

Mr. Monte is a Registered Geologist with State of Arizona and has 7 years of experience as a Senior Geologist with Arcadis. He has experience with soil, groundwater, and vapor sampling, site assessments, and project management.

Mr. Monte also has five and half years of experience in mineral exploration and historical site investigations prior to joining Arcadis. He was involved with multiple projects performing driller oversight, core logging, geophysical surveys (surface and downhole), trench sampling, and historical research.

RELEVANT PROJECT EXPERIENCE

Phase I Environmental Assessment and Air Monitoring Resolution Copper Mining LLC / Superior, AZ

Calibrated and documented air quality data from an E-Bam particulate monitoring system. Completed Phase I Environmental Site Assessment in accordance with ASTM standards assessing the potential for any recognized environmental conditions related to historic exploration activities. Complied with Resolution Copper Health and Safety protocols.

Metals and Organochlorine Pesticide Investigation Chevron EMS / Casa Grande, AZ

Coordinated and participated in a site investigation of a former bulk fertilizer and pesticide distribution facility. Investigation compared onsite soil concentrations of RCRA metals and organochlorine pesticides to locally collected baseline samples. The collection of soil samples utilizing hand augers. Results were incorporated into a site Human Health Risk Assessment.

Soil Characterization Atlantic Richfield / Kingman, AZ

Field lead for subsurface investigation of a former 55,000 barrel AST. Completed 36 direct push borings up to 10 ft in depth over two deployments related to TPH and naphthalene impacts

Groundwater Sampling Former Capitol Castings/ Rio Tinto / Tempe, AZ

Scheduled and coordinated field staff to complete onsite sampling events. Sampling events included low-flow sampling, passive diffusion bag sampling, water levels measurements, and waste removal activities related to VOC impacts to groundwater. Took part in the field planning and responsible for all field documentation and paperwork.

Groundwater Sampling

Texas Instruments / Tucson, AZ

On-site geologist for semi-annual sampling of 13 groundwater monitoring wells, utilizing low-flow and three volume purge sampling methods related to VOC and hexavalent chromium impacts. Took part in the field planning and responsible for all field documentation and paperwork. Lead daily health and safety tailgate meetings.

GILLMAN-KINDER, NATALIE

PROJECT SCIENTIST



EDUCATION

- University of Michigan, B.S. Environmental Science, 2007

YEARS OF EXPERIENCE

- Total – 8+ years
- With Arcadis – 8+ years

Ms. Gillman-Kinder has over 8 years of experience in environmental consultancy with expertise in large portfolio and program management. Her areas of focus include due diligence/Phase I Environmental Site Assessments (ESAs), product stewardship, and environmental health and safety. As an Environmental Professional she has coordinated, drafted, and managed numerous due diligence and compliance projects. Her experience spans across Phase I ESAs, subsurface investigations, small remediation projects, Baseline Environmental Assessments (BEAs), Current Conditions Reports (CCRs), Spill Prevention Plans, Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) registrations, chemical inventories and chemical management, permit breakdown and analysis, dangerous goods and general materials handling and shipping analysis, and National Fire Protection Association (NFPA) and International Building Code (IBC) auditing.

Project Experience

Compliance Management System Integration

Aerospace Client & Chemical Client, Domestic and International Locations

Providing program management and technical support for a current global initiative focused on planning and implementing a roadmap for an electronic-based environmental compliance management system. The system will provide site management and leadership visibility into compliance status, task requirements, and overall transparency of client compliance obligations across all client sites.

FIFRA Compliance Audit

Chemical Client, Domestic

Provided acquisition due diligence support for a bulk fertilizer and industrial chemicals company. Conducted a compliance audit of multiple fertilizer and pesticide blenders for fulfillment of their supplemental registration of products with the Environmental Protection Agency (EPA). Provided high-level assessment of the blenders' associated hazard communications deficits, including training, Safety Data Sheet (SDS) development, and labelling requirements.

NFPA and IBC Desktop Auditing

Manufacturing Client, Domestic

Supported refinement of a chemical management program and management workstream by overseeing chemical inventory auditing at a location in Maryland, and by providing support and management of a work team conducting NFPA and IBC evaluations on flammability and toxicity of the inventoried chemical products at the facility.

Phase I ESAs

Various Clients, Nationwide Locations

Completed Phase I ESA reports and/or served as the Environmental Professional according to the ASTM Standard Practice E1527 on a myriad of property types including, but not limited to, automobile service facilities, financial and

banking institutions, parts warehouses, manufacturing plants, residential properties, restaurants, retail facilities, vacant land, wastewater treatment plants, natural gas pipelines, and energy plants. Obtained documentation from federal, state, county and local agencies regarding site history and current operations of the individual properties. Researched and evaluated possible environmental liabilities to assist the client in deciding the appropriateness for potential financing or property sales for each subject property.

Subsurface Investigations

Various Commercial and Light Manufacturing Clients, Nationwide Locations

Completed Phase II ESAs for various property types, including but not limited to, automobile dealerships and service facilities, residential properties, commercial retail facilities, warehouse facilities, vacant land, and food production facilities. Managed subcontractors in the performance of subsurface investigation activities, organized and prepared field personnel for proposed activities, analyzed analytical data from soil, vapor, and groundwater samples collected during subsurface investigation activities, and formulated conclusions regarding status of the sites based on the outcome of the subsurface investigation.

Phase III-IV ESAs – Small Remediation Tasks

Automotive Clients, Nationwide Locations

Completed Phase III and IV ESAs for automobile dealership and service facilities. Contracted subcontractors and performed task management of both subsurface and environmental practice activities including, but not limited to, underground storage tank and automotive lift removals, aboveground storage tank installations, lead paint/mold/asbestos abatement, hazardous waste disposal, drainage structure cleanout, delineation of identified contamination, and minor excavations. Documented work completed for presentation to the clients.

Baseline Environmental Assessments (BEAs)

Multiple Light Manufacturing Clients, Several Locations in Southwestern Michigan

Assisted with BEAs for multiple properties, including a dairy processing facility, tire warehousing facility, appliance manufacturing facility, and fleet maintenance properties. Obtained documentation from federal, state, county and local agencies regarding site history and current operations of the individual properties. Compiled data from Phase I ESAs and subsurface work to assess areas of concern, and then prepared summaries of findings to present to the State of Michigan.

Shipping and Handling Compliance Audits

Automotive Client, Domestic and International

Assessed hazardous material and general material handling in commerce for an automotive client. Evaluated training, packaging, marking, labelling, and shipping documents associated with dangerous goods, as well as non-regulated product, to ensure compliance with federal and international regulations. Provided conclusions of these audits and recommended corrective actions for identified or potential non-conformities.

SPCC Plans

Various Clients, Several Locations in Michigan

Completed Spill Prevention Control and Countermeasure (SPCC) plans on various facilities including waste disposal facilities and cable television providers. Interviewed site personnel and obtained documentation on site safety and spill prevention activities. Drafted documentation for spill prevention procedures.



Becky Steever

Staff Geologist

Key Information

Education/Qualifications

- BS, Geological Sciences, California State University Fullerton, 2016

Years of Experience

Total – 7

With Arcadis – 4

Professional Registrations/ Certifications

- Geoscientist in Training (GIT)
- OSHA 40-Hour HAZWOPER
- OSHA 8-Hour HAZWOPER Refresher
- OSHA C4 HAZWOPER Supervisor
- OSHA CA 10-Hour Construction Safety and Health
- OSHA 30-Hour Construction Safety
- OSHA Fall Protection
- OSHA Confined Spaces
- DOT Hazmat #1RCRA Hazardous Waste Management
- CPR, AED, and Basic First Aid Training

Office Location

Atlanta, GA

Ms. Steever has seven years of experience in environmental health and safety due diligence and site investigations. She has assisted in the management and execution of environmental site assessments, remediation, monitoring, and environmental compliance activities. In addition, Ms. Steever has a diverse professional background including leadership and management roles, international travel industry experience, and managing client relationships. Ms. Steever's experience outside of her technical career path has honed her soft skills and enables her to bring a unique perspective to problem solving.

Relevant Experience

Mergers and Acquisitions Deal Assurance

Confidential Clients

Ms. Steever has executed buy- and sell-side due diligence projects for private equity, legal, financial and industry clients. She works as part of a team that collaborates with potential investors, purchasers, and lessees, as well as their legal and financial advisors, to identify and quantify potential EH&S risks associated with their transactions. Ms. Steever has performed Phase I Environmental Site Assessments (ESAs), EH&S compliance reviews, corporate risk reviews and other EH&S assessments for target companies in diverse industries, including manufacturing, chemical, waste, and mining.

Retail Gasoline Station Remediation Support

Confidential Oil and Gas Clients

Ms. Steever has provided associate project management support for confidential oil and gas clients with retail gasoline service station remedial investigations and groundwater monitoring activities at sites located on the west coast. Responsibilities included project management activities, planning and tracking of scope, schedule, and budget. In addition, she performed data analysis, wrote, and reviewed technical reports, oversaw regulatory correspondences and other project documentation, assisted with preparation of investigation work plans, subcontractor agreements, and daily financial monitoring and reporting to project managers.

Storm Water Pollution Prevention Plans (SWPPP)

United Parcel Service Inc. (UPS), Georgia, South Carolina, and South Dakota

Ms. Steever served as the Associate Project Manager (APM) for the UPS SWPPP activities within Georgia, South Carolina, and South Dakota. Responsibilities included coordinating site inspections of up to 60 sites per fiscal quarter, assessing the effectiveness of Best Management Practices (BMPs), identifying hazardous materials and potential spill sources, implementing and managing implementation of BMPs to address pollution sources, coordinating the inspection of stormwater systems, erosion, spill or other environmental incidents related to storm runoff, and implementing any changes to the SWPPP inspection, record-keeping, reporting procedures, and finally, ensuring facility personnel received effective SWPPP training. Ms. Steever was also responsible for Comprehensive Site Compliance Evaluation, Records Management and Reporting efforts.

Phase I and Phase II Environmental Site Assessments

Multiple Clients, Nationwide

Ms. Steever has supported numerous Phase I and II Environmental Site Assessments throughout the country in accordance with the American Society for Testing and Materials (ASTM). Assessment activities included property owner interviews, site reconnaissance, environmental and historical records review, governmental agency file reviews, hazardous materials survey, leading sampling efforts, oversight of contractors and drillers, and report preparation.

Site Investigation Field Geologist

Multiple Clients, Nationwide

Ms. Steever functioned as the lead field geologist for several detailed investigations involving rotary-sonic, hollow-stem auger, and direct push technology. Ms. Steever has coordinated with subcontractors and managed groups of onsite staff. Responsibilities included soil logging, collecting soil and groundwater samples, measuring soil temperature, ordering field supplies, determining the presence groundwater, air monitoring, and providing numerous updates to project management on a regular basis. Ms. Steever's cross-training and soft skills were essential to completing many of these field activities.

Technical Field Lead

Southern Company, Georgia

Ms. Steever has served as the technical field lead for various project sites in the energy sector. Responsibilities included staffing, training, on-site client relations, and ensuring quality sampling and adherence to regulatory guidance.

Corrective Action Activities

Southern Wood Piedmont, Georgia

Ms. Steever provided project assistance for multiple sites throughout Georgia. Responsibilities included organizing field activities and leading sampling teams of up to eight people. She has assisted with quality assurance and preparation of Corrective Action Effectiveness Reports.

Emergency Response and Remediation

Confidential Rail Client, Nationwide

Ms. Steever volunteered and served as an emergency response team member for Arcadis ERR program.

STEM Core Team

Pro Bono STEM Outreach

Ms. Steever volunteered for the 2021 Arcadis Summer Science Fair as the lead for the logistics team. She is committed to making STEM accessible to all, and along with being a part of the Core team, has committed to volunteering her time as a mentor and judge.

Previous Employer

Various Clients, Nationwide

As a Staff Geologist, Ms. Steever assisted with groundwater sampling and report preparation for G&M LUST sites. She also conducted drilling oversight, soil sampling, and assisted with report preparation for Southern California Edison at the San Onofre Mesa Facility. Ms. Steever assisted with the preparation of Health and Safety Plans, the acquisition of permits for drilling, and the production of reports, including data tables, figures, cross-sections, and report texts for various clients, as well as excavation associated with remediation of various sites.

Arcadis U.S., Inc.
410 N. 44th Street, Suite 1000
Phoenix
Arizona 85008
Phone: 602 438 0883
Fax: 602 438 0102
www.arcadis.com