

Phase I Environmental Site Assessment for the State Land at Butler and Fourth, Coconino County, Arizona

NOVEMBER 2023



PREPARED FOR
CDR 276, LLC

PREPARED BY
SWCA Environmental Consultants

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
FOR THE STATE LAND AT BUTLER AND FOURTH,
COCONINO COUNTY, ARIZONA**

Prepared for

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EXECUTIVE SUMMARY

This executive summary presents the results of a Phase I Environmental Site Assessment (ESA) completed by SWCA Environmental Consultants (SWCA) for the State land at Butler and Fourth (the “subject property”). The subject property consists of approximately 18 acres of wooded land with walking trails at the intersection of East Butler Avenue and South Fourth Street in Flagstaff, Coconino County, Arizona.

The purpose of this Phase I ESA is to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability for due diligence for property purchase.

The following list presents selected primary findings of this Phase I ESA:

- SWCA’s review of historical aerial photographs and topographic maps found that the subject property has been historically vacant land with some unimproved walking trails. The adjoining properties were historically vacant land; land in the vicinity of the subject property was later developed with a school and residential structures. The historical use of the subject property and adjoining properties is not considered to be a recognized environmental condition (REC).
- John Sutherland, representing CDR 276, LLC, completed a Phase I ESA user questionnaire for the subject property on October 31, 2023. J. Sutherland stated that there are environmental liens and/or activity and use limitations for the subject property relative to easements for utilities, roadways, and trails. J. Sutherland noted that the land will be sold at an auction and the price is not determined at this time. J. Sutherland was not aware of any past uses of the subject property other than trails used by pedestrians and bicyclists. J. Sutherland was not aware of any obvious indicators that point to the presence or likely presence of releases at the property.
- The subject property is owned by the Arizona State Land Department. SWCA was not provided with contact information to conduct a landowner interview.
- A search conducted by Environmental Data Resources, Inc. (EDR), on October 10, 2023, found that Sanborn fire insurance maps are not available for the area of the subject property.
- A search of available city directories was conducted by EDR on November 2, 2023, for the years 2000 to 2020. SWCA’s review of the city directory search did not identify information pertinent to the findings of this report.
- SWCA’s review of an October 31, 2023, EDR database search report and supplemental records from state and federal regulatory databases did not identify any listings that SWCA considers to be a REC.
- SWCA’s reconnaissance of the subject property on November 2, 2023, verified that it is sparsely wooded with an herbaceous understory. Dirt walking trails were observed throughout the subject property. Two deserted unhoused encampments were observed within the subject property, one to the north and one to the south. Miscellaneous debris was observed at these locations; no hazardous substances were noted within the debris.
- No stored hazardous substances or petroleum products were observed on or adjoining the subject property. No evidence of spills, ground staining, unusual odors, or potential contamination was observed on or adjacent to the subject property during the site reconnaissance.

The information presented in this report is intended for the exclusive use of CDR 276, LLC; the Arizona State Land Department; and their affiliates, lenders, and counsel. Reliance by any other parties on the information presented herein is the sole responsibility of said parties. This Phase I ESA report is viable for 180 days following the earliest date of any of the following components of all appropriate inquiries: interviews, the environmental records review, the site reconnaissance, and the declaration of the Environmental Professional. **This Phase I ESA report is viable for 180 days following October 31, 2023** (the date of the environmental database search).

We have performed a *Phase I ESA* in conformance with the scope and limitations of ASTM International Standard E1527-21 of the *subject property*, as described in Section 2 of this report. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this *report*. **This assessment has revealed no RECs, controlled RECs, or significant data gaps in connection with the subject property.**

CONTENTS

1	Introduction	1
1.1	Purpose	1
1.2	Scope of Work	1
1.3	Limitations.....	2
1.4	User Reliance.....	2
2	Property Description	2
3	Physical Setting Analysis	3
3.1	Topography.....	3
3.2	Geology and Hydrogeology.....	3
3.3	Soils	6
4	Historical Property Uses and Records Review	6
4.1	Historical Map Review	6
4.2	Historical Aerial Photograph Review	7
4.3	Previous Phase I Environmental Site Assessment Reports	7
4.4	Interviews	7
4.5	Environmental Liens and Activity and Use Limitations	7
4.6	Sanborn Maps	8
4.7	City Directories.....	8
5	Environmental Records Review.....	8
5.1	Federal and State Environmental Records.....	8
5.2	Environmental Database Listings	9
6	Property Reconnaissance.....	9
6.1	Property Inspection.....	9
7	Phase I Environmental Site Assessment Findings	10
8	Phase I Environmental Site Assessment Conclusions	11
9	Literature Cited.....	12
10	Signature of Environmental Professionals.....	14

Appendices

- Appendix A. Phase I Environmental Site Assessment Scope of Work
- Appendix B. Environmental Professionals' Credentials
- Appendix C. Additional Records
- Appendix D. Correspondence
- Appendix E. Environmental Database Records
- Appendix F. Property Photographs

Figures

Figure 1. Topographic map of the subject property..... 4
Figure 2. Aerial photograph of the subject property..... 5

Tables

Table 1. Predominant Soil Types on the Subject Property 6
Table 2. Summary of Historical Topographic Map Interpretation 6
Table 3. Summary of Aerial Photograph Interpretation..... 7
Table 4. Approximate Minimum Search Distances 8
Table 5. Features, Activities, Uses, and Conditions on the Subject Property 10

1 INTRODUCTION

This report presents the results of a Phase I Environmental Site Assessment (ESA) completed by SWCA Environmental Consultants (SWCA) for the State land at Butler and Fourth (the “subject property”). The subject property consists of approximately 18 acres of wooded land with walking trails at the intersection of East Butler Avenue and South Fourth Street in Flagstaff, Coconino County, Arizona.

1.1 Purpose

The purpose of this Phase I ESA is to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability for due diligence for property purchase.

The Phase I ESA generally follows the standards described in ASTM International (ASTM) Standard E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM 2021). The goal of the processes established by this practice is to assess the property, to the extent feasible pursuant to the processes prescribed in ASTM Standard E1527-21, for the presence of recognized environmental conditions (RECs). A REC is defined in the ASTM standard as “(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.” De minimis conditions, which generally do not present a threat to human health or the environment and that generally would not be the subject of enforcement actions if brought to the attention of appropriate regulating agencies, are not RECs.

This Phase I ESA did not include observation, assessment, or reporting of issues identified in the ASTM standard as non-scope considerations, such as asbestos-containing materials, lead-based paint, radon, non-hazardous wastes and materials, mold, or biological and medical wastes. No soil, air, or water samples were collected for this Phase I ESA.

1.2 Scope of Work

SWCA completed this Phase I ESA in accordance with the scope of work (Appendix A). Deletions or deviations from ASTM Standard E1527-21 are documented in Section 1.3 of this report. To achieve the objective referenced above, SWCA completed the following tasks:

- Requested ASTM-specified information from the user of this Phase I ESA.
- Surveyed relevant documents to assess the subject property’s physical setting.
- Reviewed historical topographic maps and aerial photographs.
- Interviewed a user of this report.
- Reviewed appropriate federal and state environmental records.
- Completed a reconnaissance of the subject property and observed adjoining properties.
- Prepared this Phase I ESA report and referenced all information sources herein.

SWCA warrants that qualified Environmental Professionals were responsible for the preparation of this report in conformance with ethical business practices and industry standards. Appendix B contains the credentials of the Environmental Professionals responsible for preparation of this report.

1.3 Limitations

Some standard sources are not readily available and thus were not used to prepare this Phase I ESA. Data gaps, limitations, and deviations from the ASTM standard are described below.

- Because of the lack of available aerial photographs and U.S. Geological Survey (USGS) topographic maps, the commonly used 5-year interval between photographs and topographic map dates could not be followed for all photographs and maps reviewed.
- SWCA was not provided with the results of environmental lien and activity and use limitation (AUL) searches.
- SWCA was not provided with contact information for the landowner, the Arizona State Land Department (ASLD).

Because alternatives to standard sources served as a solid basis of learning past property uses and conditions, and because supplemental data sources provided sufficient information, these gaps in the data are not considered to be significant and are not thought to have affected SWCA's ability to identify RECs on the subject property. SWCA's findings and conclusions within this assessment do not take into consideration the limitations identified in this report.

1.4 User Reliance

The information contained in this report relates only to the subject property and should not be extrapolated or construed to apply to any other location. The description of the subject property as provided herein represents the conditions of the subject property as it existed on the date of the site reconnaissance and data source searches. Findings are based solely on the above-referenced methods and limitations.

The information presented in this report is intended for the exclusive use of CDR 276, LLC; the ASLD; and their affiliates, lenders, and counsel. Reliance by any other parties on the information presented herein is the sole responsibility of said parties. If the Phase I ESA will be relied upon by a different party than the user for whom the Phase I ESA was originally prepared, that party must also satisfy the user's responsibilities in Section 6 of ASTM Standard E1527-21.

This Phase I ESA report is viable for 180 days following the earliest date of any of the following components of all appropriate inquiries: interviews, the environmental records review, the site reconnaissance, and the declaration of the Environmental Professional. **This Phase I ESA report is viable for 180 days following October 31, 2023** (the date of the environmental database search). Continued viability of this report is subject to ASTM Standard E1527-21, Sections 4.6 to 4.8. The validity of the report can be renewed by updating the components of all appropriate inquiries listed above.

2 PROPERTY DESCRIPTION

The subject property consists of approximately 18 acres of wooded land with some walking trails at the southeast corner of East Butler Avenue and South Fourth Street in Flagstaff, Coconino County, Arizona.

The ASLD (2023) indicates the subject property is owned by the State of Arizona. The subject property is depicted in Figures 1 and 2, and parcel data from ASLD are provided in Appendix C.

The subject property is bounded to the north by East Butler Avenue followed by a wooded tract and Sinagua Middle School, to the east by a walking trail followed by a residential development, to the east by an open and wooded tract, and to the west by South Fourth Street followed by wooded land.

3 PHYSICAL SETTING ANALYSIS

SWCA reviewed pertinent key physical characteristics of the subject property, as obtained from available natural history information sources.

3.1 Topography

USGS topographic maps of the region indicate that the subject property is situated in a mountainous region surrounded by national forests (USGS 2023a). The subject property and vicinity slope gently to the east toward an isolated tributary along the eastern side of the subject property toward Rio de Flag mapped southeast of the subject property. The subject property's elevation ranges from 6,815 to 6,790 feet above mean sea level.

3.2 Geology and Hydrogeology

Mineral resources spatial data from the USGS indicate that the surface geology of the subject property is mapped as Permian sedimentary rocks. This formation consists of gray to tan cherty limestone of the Kaibab and Toroweap Formations with underlying white to tan fine-grained Coconino sandstone (USGS 2023b).

The subject property is within the Rio de Flag subbasin in the Canyon Diablo watershed. An isolated unnamed waterway runs along the eastern portion of the subject property. State well registry data identified no water wells on the subject property (Arizona Department of Water Resources 2023). However, one water well is mapped east of the subject property. The reported depth to water is 1,300 feet below ground surface, and the total well depth is 2,725 feet below ground surface. No monitoring wells are mapped on or near the subject property. Groundwater flow is presumed to move generally in a southeast direction toward Rio de Flag.

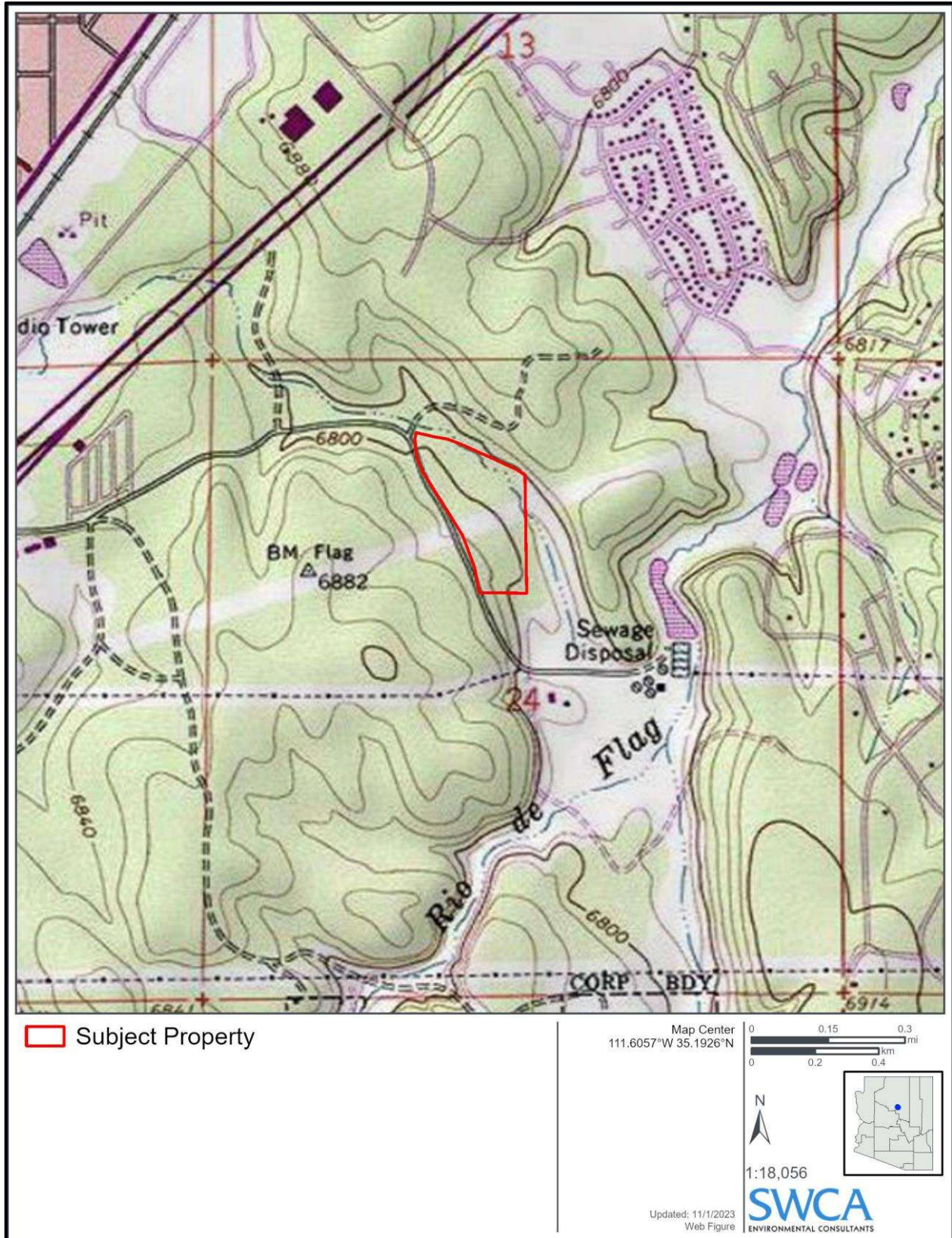


Figure 1. Topographic map of the subject property.



Figure 2. Aerial photograph of the subject property.

3.3 Soils

SWCA completed a review of data from the Soil Survey Geographic (STATSGO) data set to identify soils on the subject property (Natural Resources Conservation Service 2023a). The subject property is mapped as Daze fine sandy loam, 0 to 8 percent slopes; Lynx loam, 0 to 2 percent slopes; and Tortugas cobbly loam, 2 to 15 percent slopes. Table 1 describes these soil series.

Table 1. Predominant Soil Types on the Subject Property

Soil Name	Description
Daze	The Daze series consists of shallow, well-drained soils that formed in alluvium from pyroclastics over chert, dolomitic limestone, and calcareous sandstone. Daze soils are on hillslopes and have slopes of 2 to 30 percent.
Lynx	The Lynx series consists of deep, well-drained soils that formed in mixed alluvium. Lynx soils are on flood plains and alluvial fans and have slopes of 0 to 8 percent.
Tortugas	The Tortugas series consists of very shallow and shallow, well-drained, moderately rapid permeable soils formed from limestone, calcareous sandstone, and shale on gently rolling ridges to very steep hills. Slopes are 0 to 75 percent.

Source: Natural Resources Conservation Service (2023b)

4 HISTORICAL PROPERTY USES AND RECORDS REVIEW

The history of the subject property and adjacent properties was reviewed in accordance with ASTM Standard E1527-21, except as noted in Section 1.3. Historical uses of the subject property were determined based on a review of readily available, reasonably ascertainable data, including topographic maps, aerial photographs, and interviews.

4.1 Historical Map Review

SWCA reviewed USGS topographic maps of the area dated from 1886 through 2021 (Nationwide Environmental Title Research, LLC 2023; USGS 2023a). A summary of SWCA’s evaluation of the reviewed topographic maps is provided in Table 2.

Table 2. Summary of Historical Topographic Map Interpretation

Date of Topographic Map	Observations
1886, 1894	The subject property and vicinity were depicted as vacant land. Flagstaff is mapped southwest of the subject property at the crossroads of three roads and a railroad track.
1912	The subject property and vicinity are still depicted as vacant land. The city of Flagstaff has grown and is mapped west of the subject property.
1958, 1960	The subject property and vicinity are depicted as vacant, undeveloped land. An electrical transmission line is mapped south of the subject property.
1970, 1983	The subject property and vicinity are depicted as vacant, undeveloped land. Present-day South Fourth Street is mapped along the western subject property boundary. A sewage treatment facility is mapped approximately 0.2 mile southeast of the subject property.
2011, 2014, 2018, and 2022	Present day East Butler Avenue is mapped along the northern subject property boundary. These are modern-style maps and do not depict details such as structures. No additional significant changes are noted.

4.2 Historical Aerial Photograph Review

SWCA reviewed available historical aerial photographs of the subject property dating from 1964 to 2022 (Google Earth 2023; Nationwide Environmental Title Research, LLC 2023). A summary of SWCA’s evaluation of the reviewed aerial photographs is provided in Table 3.

Table 3. Summary of Aerial Photograph Interpretation

Date of Aerial Photograph	Observations
1964	The subject property and adjoining properties were primarily undeveloped, wooded land. An unimproved roadway runs along the western subject property boundary, and a cleared corridor traverses the central portion of the subject property in a west-southwest–east-northeast orientation. The sewage treatment facility is visible approximately 0.2 mile southeast of the subject property.
1974, 1980	No significant changes are noted on the aerial photographs.
1997	The subject property is primarily undeveloped, wooded land with some walking trails visible. East Butler Avenue runs along the northern subject property boundary. A school has been constructed northeast of the subject property, and a residential development has been developed east of the subject property.
2005, 2015	The subject property is primarily undeveloped, wooded land with some walking trails visible. An apartment complex has been developed northwest of the subject property.
2018, 2020, and 2022	No significant changes are noted on or in the vicinity of the subject property.

4.3 Previous Phase I Environmental Site Assessment Reports

SWCA was not provided with and is not aware of other previous Phase I ESA reports or other relevant environmental reports for review.

4.4 Interviews

John Sutherland, representing CDR 276, LLC, completed a Phase I ESA user questionnaire for the subject property on October 31, 2023. J. Sutherland stated that there are environmental liens and/or AULs for the subject property relative to easements for utilities, roadways, and trails. J. Sutherland noted that the land will be sold at an auction and the price is not determined at this time. J. Sutherland was not aware of any past uses of the subject property other than trails used by pedestrians and bicyclists. J. Sutherland was not aware of any obvious indicators that point to the presence or likely presence of releases at the property.

The subject property is owned by the ASLD. SWCA was not provided with contact information to conduct a landowner interview.

Appendix D provides documentation of the above correspondence.

4.5 Environmental Liens and Activity and Use Limitations

Completion of searches for recorded environmental liens and AULs is a responsibility of the user of a Phase I ESA. It is the user’s responsibility to obtain and review title records back to 1980 (the year CERCLA was enacted). SWCA was not provided with the results of environmental lien and AUL

searches for the subject property. However, J. Sutherland, representing CDR 276, LLC, stated on October 31, 2023, that there are environmental liens and/or AULs for the subject property relative to easements for utilities, roadways, and trails. Arizona Department of Environmental Quality (2023a) does not identify a Declaration of Environmental Use Restriction on the subject property. SWCA finds it unlikely that any environmental liens exist.

4.6 Sanborn Maps

A search conducted by Environmental Data Resources, Inc. (EDR), on October 10, 2023, found that Sanborn fire insurance maps are not available for the area of the subject property. A copy of EDR’s search for Sanborn fire insurance maps is provided in Appendix E.

4.7 City Directories

A search of available city directories was conducted by EDR on November 2, 2023, for the years 2000 to 2020. SWCA’s review of the city directory search did not identify information pertinent to the findings of this report. A copy of EDR’s city directory search is provided in Appendix E.

5 ENVIRONMENTAL RECORDS REVIEW

SWCA conducted an environmental records review to establish the environmental history of the subject property and surrounding area to ascertain whether hazardous waste or hazardous material management, handling, treatment, or disposal activities have occurred on or near the subject property.

5.1 Federal and State Environmental Records

An environmental database search report generated by EDR on October 31, 2023, was used to access environmental records for the subject property and surrounding properties. The databases searched by EDR include those specified by ASTM Standard E1527-21, as well as several additional federal and state databases and databases proprietary to EDR. EDR updates its records in accordance with ASTM Standard E1527-21 guidelines, and ASTM’s standard search distances were followed, as detailed in Table 4. Additional listed facilities that EDR has not identified may exist within a 1-mile radius.

Table 4. Approximate Minimum Search Distances

Record Sources	Approximate Minimum Search Distance (miles)
Federal Databases	
National Priorities List (NPL)	1.0
Delisted NPL	0.5
CERCLA/CERCLA No Further Remedial Action Planned (NFRAP) sites	0.5
Resource Conservation and Recovery Act (RCRA) Corrective Action Sites (CORRACTS) facilities	1.0
RCRA non-CORRACTS Treatment Storage and Disposal facilities	0.5
RCRA generators list	Subject property and adjoining
Institutional control/Engineering control registries	Subject property only
Emergency Response Notification System	Subject property only

Record Sources	Approximate Minimum Search Distance (miles)
State and Tribal Databases	
NPL/"Superfund" state equivalent	1.0
Hazardous waste facilities	0.5
Landfill and solid waste disposal site lists	0.5
Leaking storage tank lists	0.5
Registered storage tank lists	Subject property and adjoining
Institutional control/Engineering control registries	Subject property only
Voluntary cleanup sites	0.5
State and tribal brownfield sites	0.5

Source: ASTM (2021)

SWCA also reviewed supplemental records from regulatory databases maintained by the Arizona Department of Environmental Quality (2023a–2023d), U.S. Department of Transportation (2023), and U.S. Environmental Protection Agency (2023a–2023d). Appendix E provides a copy of the EDR report and documentation from the Arizona Department of Environmental Quality.

5.2 Environmental Database Listings

SWCA's review of the EDR database search report and supplemental sources identified the following:

- The subject property and adjoining properties were not identified in any of the regulatory databases reviewed by SWCA.
- One underground storage tank (UST) was identified at Sinagua High School (now Sinagua Middle School) located approximately 0.15 mile east-northeast of the subject property at 3950 East Butler Avenue. Due to the location (not part of the subject property and non-adjoining), this is not considered relevant to the subject property.
- No gas transmission or hazardous liquid pipelines are mapped on or adjoining the subject property. No pipeline incidents (gas) or accidents (liquid) are reported on or adjoining the subject property.
- No unmapped sites (facilities with incomplete locational information) were identified by EDR.

6 PROPERTY RECONNAISSANCE

Corina Anderson of SWCA completed the Phase I ESA site reconnaissance for the subject property on November 2, 2023. The reconnaissance consisted of walking within the subject property. Table 5 provides a checklist of the presence/absence of the features, activities, uses, and conditions identified in Section 9.4 of ASTM Standard E1527-21. Appendix F provides photographs taken during the reconnaissance.

6.1 Property Inspection

The subject property is sparsely wooded with an herbaceous understory. Dirt walking trails were observed throughout the subject property. Two deserted homeless encampments were observed within the subject property, one to the west and one to the south. Miscellaneous debris was observed at these locations; no hazardous substances were noted within the debris.

The adjoining properties were observed to be East Butler Avenue followed by a fenced-off construction site to the north, a walking trail followed by a residential subdivision to the south, and South Fourth Street followed by a construction site to the west.

No stored hazardous substances or petroleum products were observed on or adjoining the subject property. No evidence of spills, ground staining, unusual odors, or potential contamination was observed on or adjacent to the subject property during the site reconnaissance.

Table 5. Features, Activities, Uses, and Conditions on the Subject Property

Item	Present	Notes
Structures	No	Not applicable (N/A)
Roads	No	N/A
Potable water supply/source	No	N/A
Sewage disposal system	No	N/A
Hazardous substances and petroleum products in connection with identified uses	No	N/A
Storage tanks	No	N/A
Strong, pungent, or noxious odors	No	N/A
Standing surface water and pools or sumps containing liquids likely to be hazardous substances or petroleum products	No	N/A
Drums, totes, and intermediate bulk containers	No	N/A
Hazardous substance and petroleum product containers not in connection with identified uses	No	N/A
Unidentified substance containers	No	N/A
Polychlorinated biphenyls (PCB)-containing items	No	N/A
Heating/cooling	No	N/A
Stains or corrosion on floors, walls, or ceilings (not water)	No	N/A
Drains and sumps	No	N/A
Pits, ponds, or lagoons	No	N/A
Stained soil or pavement	No	N/A
Unduly stressed vegetation	No	N/A
Solid waste disposal	Yes	De minimis trash
Water/wastewater discharge	No	N/A
Wells	No	N/A
Septic systems or cesspools	No	N/A

7 PHASE I ENVIRONMENTAL SITE ASSESSMENT FINDINGS

The following list presents selected primary findings of this Phase I ESA:

- SWCA’s review of historical aerial photographs and topographic maps found that the subject property has been historically vacant land with some unimproved walking trails. The adjoining properties were historically vacant land; land in the vicinity of the subject property was later

developed with a school and residential structures. The historical use of the subject property and adjoining properties is not considered to be a REC.

- John Sutherland, representing CDR 276, LLC, completed a Phase I ESA user questionnaire for the subject property on October 31, 2023. J. Sutherland stated that there are environmental liens and/or AULs for the subject property relative to easements for utilities, roadways, and trails. J. Sutherland noted that the land will be sold at an auction and that the price is not determined at this time. J. Sutherland was not aware of any past uses of the subject property other than trails used by pedestrians and bicyclists. J. Sutherland was not aware of any obvious indicators that point to the presence or likely presence of releases at the property.
- The subject property is owned by the ASLD. SWCA was not provided with contact information to conduct a landowner interview.
- A search conducted by EDR on October 10, 2023, found that Sanborn fire insurance maps are not available for the area of the subject property.
- A search of available city directories was conducted by EDR on November 2, 2023, for the years 2000 to 2020. SWCA's review of the city directory search did not identify information pertinent to the findings of this report.
- SWCA's review of an October 31, 2023, EDR database search report and supplemental records from state and federal regulatory databases did not identify any listings that SWCA considers to be a REC.
- SWCA's reconnaissance of the subject property on November 2, 2023, verified that it is sparsely wooded with an herbaceous understory. Dirt walking trails were observed throughout the subject property. Two deserted unhoused encampments were observed within the subject property, one to the north and one to the south. Miscellaneous debris was observed at these locations; no hazardous substances were noted within the debris.
- No stored hazardous substances or petroleum products were observed on or adjoining the subject property. No evidence of spills, ground staining, unusual odors, or potential contamination was observed on or adjacent to the subject property during the site reconnaissance.

8 PHASE I ENVIRONMENTAL SITE ASSESSMENT CONCLUSIONS

SWCA has completed a Phase I ESA of the subject property based on information obtained during the site investigation and the information obtained through the activities of this Phase I ESA, excluding the limitations. The information contained in this report relates only to the subject property and should not be extrapolated or construed to apply to any other site. The description of the subject property as provided herein represents the conditions of the subject property as it existed on the date of the site reconnaissance and data source searches.

We have performed a *Phase I ESA* in conformance with the scope and limitations of ASTM Standard E1527-21 of the *subject property*, as described in Section 2 of this report. Any exceptions to, or deletions from, this practice are described in Section 1.3 of this *report*. **This assessment has revealed no RECs, controlled RECs, or significant data gaps in connection with the subject property.**

9 LITERATURE CITED

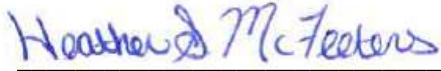
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10 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 Code of Federal Regulations (CFR) 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312. My qualifications are presented in Appendix B of this report.



Heather S. McFeeters
Project Environmental Scientist /Environmental Professional

November 13, 2023

Date

APPENDIX A

Phase I Environmental Site Assessment Scope of Work

SCOPE OF WORK

CDR 276, LLC (CDR 276), is proposing to purchase approximately 17.28 acres of Arizona State Trust land at the southeast corner of the intersection of Butler Avenue and Fourth Street in the city of Flagstaff, Coconino County, Arizona. CDR 276 requested a cost proposal to complete a Phase I environmental site assessment (Phase I ESA), a Class I archaeological records review, and a Class III archaeological pedestrian survey. The scope and cost estimate for these tasks are detailed below.

TASK 1. PHASE I ENVIRONMENTAL SITE ASSESSMENT

SWCA will complete a Phase I ESA in general accordance with the standards described in the current American Society for Testing and Materials International (ASTM) Standard E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (2021). The Phase I ESA task will be conducted by a qualified Environmental Professional as required by the ASTM standard.

A Phase I ESA conducted in accordance with ASTM Standard E1527-21 constitutes part of all appropriate inquiry into the previous ownership and uses of the property, consistent with good commercial or customary practice, and will allow the user to satisfy one of the requirements for landowner liability protections under the Comprehensive Environmental Response, Compensation, and Liability Act (42 United States Code 9601). **In accordance with Arizona State Land Department (ASLD) requirements, the report will be reviewed and stamped by a professional engineer or professional geologist registered in the State of Arizona.**

TASK 1.1. RECORDS REVIEW

SWCA will review appropriate documents, including historical aerial photographs, historical topographic maps, and other land use documents to identify past operations or activities on the site or nearby properties that may have caused the release of hazardous substances into the environment. If provided by CDR 276, SWCA also will review copies of environmental reports previously prepared for the site, environmental liens and activity and use limitations (AULs), and other available environmental documents relating to the site. As part of the review process, site location, hydrogeological characteristics, geographic setting, and physiography will also be summarized.

Available state and federal regulatory databases will be reviewed to determine whether the subject property or nearby facilities have been subject to environmental actions or review. The regulatory database review will, at a minimum, include the databases required to satisfy the ASTM standard. If an in-person regulatory file review is necessary, this would incur additional costs.

TASK 1.2. INTERVIEWS

If site contact, property manager, and/or property owner contact information is provided by CDR 276, SWCA personnel will attempt to interview those persons. Additionally, reasonable attempts will be made to interview at least one staff member of state or local government agencies regarding information that indicates recognized environmental conditions in connection with the property.

TASK 1.3. SITE RECONNAISSANCE

A Phase I ESA includes a reconnaissance of the site and vicinity to observe and photograph the site and to document current conditions of the site and adjoining properties. This scope of work does not include activities such as collecting or analyzing soil, air, water, or other environmental samples.

TASK 1.4. USER-PROVIDED INFORMATION

User-provided information is an essential component of the Phase I ESA and includes items such as copies of previous Phase I ESAs or other relevant environmental documents, a completed ASTM Phase I ESA user questionnaire, a completed SWCA initial data request, and access to the subject property. The user is responsible for completing a search of recorded land title records and judicial records for environmental liens and AULs. A 50-year chain-of-title report and a search for liens and AULs will not be obtained by SWCA under this scope of work. However, SWCA will review these sources if supplied by CDR 276.

TASK 1.5. REPORT GENERATION

The Phase I ESA findings will be summarized and documented in one report. Sections within the report will consist of 1) a description of the site, 2) summaries of the site history and interviews, 3) a regulatory database review, 4) a description of the site reconnaissance, 5) report findings and conclusions, and 6) figures and appendices. The report will include SWCA's professional opinion concerning the environmental disposition of the site with regard to the presence of recognized environmental conditions. Report limitations and all literature cited will also be included.

According to the ASTM standard, the content of a Phase I ESA is valid for 180 days after the first data are collected. If the date of the intended use for the Phase I ESA is not within 180 days, an update may be necessary. Non-scope issues identified in the ASTM standard include radon, lead, asbestos, radioactivity, regulatory compliance, wetlands, and endangered species. Non-scope issues will not be addressed in the report.

TASK 1 DELIVERABLE

- Phase I ESA report following the ASTM standard, provided as a PDF

APPENDIX B

Environmental Professionals' Credentials

HEATHER MCFEETERS, B.S., NATURAL RESOURCES PROJECT MANAGER

Ms. McFeeters is a Senior Natural Resource Specialist and Project Manager with more than 18 years of experience in a variety of disciplines within the environmental field including regulatory compliance, water resource management, and engineering. She provides consultation in the public and private sectors on projects including natural gas well and pipeline development; public utility infrastructure; renewable energy; and commercial, industrial, and residential land development.

Ms. McFeeters has regulatory and permitting experience relative to Clean Water Act (CWA) 404/401 utilizing both the U.S. Army Corps of Engineers (USACE) Nationwide Permit Program as well as State Programmatic General Permit Programs. She has managed and completed projects requiring consultation with USACE, U.S. Fish and Wildlife Service (USFWS), and multiple state environmental protection agencies (EPAs) throughout the northeast, midwest, and southeastern United States. Her experience also includes serving as an environmental engineer for a state environmental agency overseeing the review and permitting of erosion and stormwater control facilities.

Ms. McFeeters also has extensive experience conducting waters of the U.S. (WOTUS) delineations and reporting, Phase I Environmental Site Assessments, as well as threatened and endangered species habitat assessments.

SELECTED PROJECT EXPERIENCE

YEARS OF EXPERIENCE

18

EXPERTISE

USACE Waters of the US Delineations

Section 404/401 Permitting

Rare, Threatened, and Endangered Species Surveys

Due Diligence Environmental Site Assessments

EDUCATION

B.S., ERM; e: Water Resources; m: Environmental Engineering; Pennsylvania State University; 2000

TRAINING

ESCGP-2 Permit Training, PA DEP

SafeLand USA Training

Basic First Aid, Emergency Care and Safety Institute; 2021

16-Hour Wetland Permitting Training

OSHA 10 Hour Training

40-Hour Wetland Delineation Certification Training, Army Corps of Engineers

Wind Energy Facility Phase I Environmental Site Assessment; Confidential Client.

SWCA conducted a Phase I ESA in accordance with ASTM 2247-08 for an existing wind energy facility in Oklahoma. Ms. McFeeters conducted the site assessment and authored the resulting Phase I ESA report. *Role: Natural Resources Project Manager.*

Solar Energy Facility Phase I Environmental Site Assessment; Confidential Client.

SWCA conducted a Phase I ESA in accordance with ASTM 2247-08 for a proposed solar energy facility on approximately 2,000 acres in West Texas. Ms. McFeeters conducted the site assessment and authored the resulting Phase I ESA report. *Role: Natural Resources Project Manager.*

Wind Energy Facility Phase I Environmental Site Assessment; Confidential Client.

SWCA conducted a Phase I ESA in accordance with ASTM 2247-16 for a proposed wind energy facility on approximately 58,500 acres in central Texas. Ms. McFeeters conducted the site assessment and authored the resulting Phase I ESA report. *Role: Natural Resources Project Manager.*

PennOaks Energy Facility; Confidential Client. SWCA conducted a due diligence review of an existing natural gas fractionator plant in northern Pennsylvania. Activities included a Phase I ESA in accordance with ASTM 1527-13; a review of all existing facilities permits and recommendations for delinquent permitting requirements; rare, threatened and endangered species consultation; WOTUS delineation; cultural resources review; and a review of safety procedures at the facility. *Role: Natural Resources Project Manager.*

Rose Hill Rail to Truck Terminal; Confidential Client. SWCA conducted a due diligence review of an existing propane storage facility with associated trucking and rail transport facilities in eastern North Carolina. Activities included a Phase I ESA in accordance with ASTM 1527-13; a review of all existing facilities permits and recommendations for delinquent permitting requirements; rare, threatened and endangered species consultation; cultural resources review; and WOTUS delineation. *Role: Natural Resources Project Manager.*

Royal Flush Site, Confidential Client. SWCA conducted a due diligence review of an existing commercial/industrial site located in West Virginia in accordance with ASTM 1527-13. Ms. McFeeters conducted the site assessment and authored the resulting Phase I ESA report. *Role: Natural Resources Specialist.*

APPENDIX C

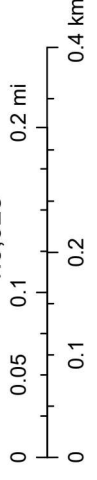
Additional Records

Arizona State Land Department



November 1, 2023

1:9,028



Arizona State Land Department. Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community. Sources: Esri, HERE, Garmin, FAO, NOAA,

APPENDIX D

Correspondence

PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)

USER QUESTIONNAIRE

(to be completed by each party that will rely upon the report)

Completed by: John Sutherland

Date: 10/31/23

Site Name: State Land at Butler and Fourth

INTRODUCTION

In order to qualify for one of the *Landowner Liability Protections (LLPs)*¹ offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the “Brownfields Amendments”)², the *user* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The *user* should provide the following information to the *environmental professional*. Failure to conduct these inquiries could result in a determination that “*all appropriate inquiries*” is not complete.

The *user* is defined as “the party seeking to use Practice E1527 to complete an *environmental site assessment* of the *property*. A *user* may include, without limitation, a potential purchaser of *property*, a potential tenant of *property*, an owner of *property*, a lender, or a *property* manager. The *user* has specific obligations for completing a successful application of this practice outlined in Section 6” of ASTM Standard E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*.

1) Environmental cleanup liens that are filed or recorded against the *property* (40 CFR 312.25) – Did a search of *recorded land title records* (or judicial records where appropriate, see Note 1 below) identify any environmental liens filed against the *property* under federal, tribal, state, or local law? () Yes (X) No
If yes, please describe:

Note 1 – In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

2) Activity and land use limitations that are in place on the *property* or that have been filed or recorded against the *property* (40 CFR 312.26(a)(1)(v) and vi) – Did a search of *recorded land title records* (or judicial records where appropriate, see Note 1 above) identify any Activity and Use Limitations (AULs), such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the *property* and/or have been filed or recorded against the *property* under federal, tribal, state or local law? (X) Yes () No. If yes, please describe:

Easements for utilities, roadways, and trails per the attached title report.

¹ *Landowner Liability Protections, or LLPs*, is the term used to describe the three types of potential defenses to Superfund liability in EPA’s *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability (“Common Elements” Guide)* issued on March 6, 2003.

² Public Law 107-118.

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

Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business? (X) Yes () No If yes, please explain: Canyon Del Rio is adjacent to the west. There is no business on this property. It is vacant land.

4) Relationship of the purchase price to the fair market value of the *property* if it were not contaminated

(40 CFR 312.29) – Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? () Yes () No N/A – land will be sold at auction. Price is indetermined at this time.

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? () Yes () No If yes, please describe:
N/A

5) Commonly known or reasonably ascertainable information about the *property* (40 CFR 312.30) –

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *user*,

- a. Do you know the past uses of the *property*? No other than trails that have been used by pedestrians and bicyclists.
- b. Do you know of specific chemicals that are present or once were present at the *property*? NO
- c. Do you know of spills or other chemical releases that have taken place at the *property*? NO
- d. Do you know of any environmental cleanups that have taken place at the *property*? NO
- e. Do you know of any previous Phase I Environmental Site Assessment performed for the *property*?
() Yes (X) No. If yes, can copies be provided?
- f. If available, please provide contact information for someone knowledgeable about past uses of the *property* (present or past owner, operator or occupant). N/A – Arizona State Land Dept. owns it.

6) The degree of obviousness of the presence or likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31) – Based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of releases at the *property*? () Yes (X) No If yes, please describe:

APPENDIX E

Environmental Database Records

84770 Butler Ave. and Fourth Street
Butler Ave. and Fourth Street
Flagstaff, AZ 86004

Inquiry Number: 7484563.3

October 31, 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

10/31/23

Site Name:

84770 Butler Ave. and Fourth Street
Butler Ave. and Fourth Street
Flagstaff, AZ 86004
EDR Inquiry # 7484563.3

Client Name:

SWCA Environmental Consultants
20 E. Thomas Road, Suite 1700
Phoenix, AZ 85012
Contact: Heather Mcfeeters



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by SWCA Environmental Consultants 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 # 8626-4BEC-AA85
PO # 84770
Project 84770 Butler Ave & Fourth St

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.



Sanborn® Library search results

Certification #: 8626-4BEC-AA85

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™

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84770 Butler Ave. and Fourth Street

Butler Ave. and Fourth Street
Flagstaff, AZ 86004

Inquiry Number: 7484563.5

November 02, 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.

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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.

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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.

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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 checked="" type="checkbox"/>	EDR Digital Archive
2017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Cole Information
2005	<input checked="" type="checkbox"/>	<input checked="" 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
1987	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Johnson's City Directory
1982	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Johnson's City Directory
1979	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Johnson's City Directory
1975	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Johnson's City Directory
1970	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Johnson's City Directory
1965	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Johnson's City Directory
1961	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mullin-Kille's City Directory
1955	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Flagstaff Directory Company
1948	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Flagstaff Directory Company

FINDINGS

TARGET PROPERTY STREET

Butler Ave. and Fourth Street
Flagstaff, AZ 86004

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

BUTLER AVE

1987	pg A14	Johnson's City Directory
1982	pg A15	Johnson's City Directory
1979	pg A16	Johnson's City Directory
1975	pg A17	Johnson's City Directory
1970	pg A18	Johnson's City Directory
1965	pg A19	Johnson's City Directory
1961	pg A20	Mullin-Kille's City Directory
1955	pg A21	Flagstaff Directory Company
1948	pg A22	Flagstaff Directory Company

E BUTLER AVE

2020	pg A1	EDR Digital Archive
2017	pg A3	Cole Information
2014	pg A5	Cole Information
2010	pg A7	Cole Information
2005	pg A9	Cole Information
2000	pg A11	Cole Information
1995	pg A12	Cole Information
1992	pg A13	Cole Information

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>	
<u>S 4TH ST</u>			
2020	pg. A2	EDR Digital Archive	
2017	pg. A4	Cole Information	
2014	pg. A6	Cole Information	
2010	pg. A8	Cole Information	
2005	pg. A10	Cole Information	
2000	-	Cole Information	Street not listed in Source
1995	-	Cole Information	Street not listed in Source
1992	-	Cole Information	Street not listed in Source
1987	-	Johnson's City Directory	Street not listed in Source
1982	-	Johnson's City Directory	Street not listed in Source
1979	-	Johnson's City Directory	Street not listed in Source
1975	-	Johnson's City Directory	Street not listed in Source
1970	-	Johnson's City Directory	Street not listed in Source
1965	-	Johnson's City Directory	Street not listed in Source
1961	-	Mullin-Kille's City Directory	Street not listed in Source
1955	-	Flagstaff Directory Company	Street not listed in Source
1948	-	Flagstaff Directory Company	Street not listed in Source

City Directory Images



-

E BUTLER AVE 2020

3501 HUMANE SOCIETY-COCONINO HUMANE

S 4TH ST

2020

1201 GLORIA KORKKI
JEREMY KORKKI
JOEY KORKKI
MARIA KORKKI

Target Street

Cross Street

Source

✓

-

Cole Information

E BUTLER AVE 2017

3501 HUMANE SOCIETYCOCONINO HUMANE ASSOC

Target Street

Cross Street

Source

-

✓

Cole Information

S 4TH ST

2017

1201 KORKKI, JERRY A

Target Street

Cross Street

Source

✓

-

Cole Information

E BUTLER AVE 2014

3501 HUMANE SOCIETYCOCONINO HUMANE ASSOC

Target Street

Cross Street

Source

-

✓

Cole Information

S 4TH ST

2014

1201 KORKKI, JERRY A

Target Street

Cross Street

Source

✓

-

Cole Information

E BUTLER AVE 2010

2760 BLACK BARTS RV PARK
BLACK BARTS STEAK HOUSE SALOON
3785 HOMCO ACE HOME CTR

Target Street

Cross Street

Source

-

✓

Cole Information

S 4TH ST 2010

1201 KORRKI, GLORIA G

Target Street

Cross Street

Source

✓

-

Cole Information

E BUTLER AVE 2005

3501 CO ANIMAL SHELTER
COCONINO HUMANE ASSOCIATION

Target Street

Cross Street

Source

-

✓

Cole Information

S 4TH ST

2005

1201 KORKKI, JERRY A



-

E BUTLER AVE 2000

3501 COCONINO COUNTY GOVERNMENT ANIMAL SHELTER
FLAGSTAFF CITY GOVERNMENT
HUMANE SOCIETY COCONINO HUMANE ASSOCIATION

Target Street

Cross Street

Source

✓

-

Cole Information

E BUTLER AVE 1995

2780 OCCUPANT UNKNOWNN
3950 SINAGUA HIGH SCHOOL



-

E BUTLER AVE 1992

2760 ALLEN, ROBERT L
ANDREWS, LESLIE
BLACK BARTS ANTIQUE
BLACK BARTS RV PARK
BLACK BARTS STKHS
BRATCHER, WOODROW W
CAPPS, C
GLAZE, KARL
HALBERT, MICHAEL II
HALL, CHARLES R
HAYNES, C W
HOOPS, RICHARD
MADDUX, CHARLES M
OGG, GILMER
PEDRICK CONST CO
PEE, JAMES
TUCKER, JAMES W
TURNER, JACK B
WALKER, RICK L
YOUNG, STEVEN
3950 SINAGUA HIGH SCHOOL

BUTLER AVE 1987

2760	BLACK BARTS ANTIQUE &	
	GENERAL STORE.....	774-1912
2760	BLACK BARTS RV PARK	774-1912
2760	BLACK BARTS STEAK	
	HOUSE SALOON AND OLD	
	WEST DINNER THEATRE.....	779-3142
2760	PEDRICK CONSTRUCTION CO.	774-6673
2760	ADKINS Paul.....	779-3249
2760	ANDERSON Gary	779-1934
2760	PAULSEN K	774-9660
2760	(#153)MUSGROVE Mark●.....	779-0035
2760	(#159)PRICE George●.....	774-8681

BUTLER AVE 1982

2760 BLACK BARTS RV PARK 774-1912
 2760 BLACK BARTS STEAK
 HOUSE SALOON AND OLD
 WEST DINNER THEATRE 779-3142
 2760 PEDRICK CONSTRUCTION CO. 774-6673

BUTLER AVE 1979

2484 INTERSTATE EXXON 774-2937
 2500 LITTLE AMERICA 779-2741
 2760 BLACK BARTS RV LOOGE 774-1912

BUTLER AVE 1975

- 2760 BLACK BARTS RV LODGE 774-1912**
- 2760 VARNEY GOLF 774-1912**
- 2760 WILKIRSON COMPANIES 774-1912**
- 4400 COCONINO HUMANE**
- ASSOCIATION INC 526-1076**
- HUMANE SHELTER 526-1076**

BUTTRUM BLVD NORTH (147)

BUTLER AVE 1970

2000	Cocoono Humane Association	23190
2000	Custom Roofing Co Inc	8873
2000	COPLEY AL.....	88730
No #	Boon Henry (cottage rear)	
No #	Kaibab Lbr Co	71010
No #	Kincanon Block Co Inc	80380
No #	Koester RobertⓈ	01050
No #	McCabe Everett	
No #	Ponderosa Paper Prods Inc ...	52730
No #	Pugh Clarence OⓈ	23190
No #	Pugh Dennis H	23190
No #	Riggs Perry	
No #	Salter AndrewⓈ	





-

BUTLER AVE 1965

840	Arizona Refining Co Inc.....	4587Δ
1940	H & R Transfer & Storage Co..	7351Δ
2000	Privatt Plumbing	6449Δ

★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★★

BUTLER AVE 1961

700 El Paso Natural Gas Prods Co—
ΔPR 4-2739

840 Arizona Refg Co—ΔPR 4-7221
Arizona Pulp & Paper Mill—
ΔPR 4-3295

1940 H & R Trans & Stge—ΔPR 4-7351

CALLE CONTENTA

BUTLER AVE 1955

518 Vacant

520* Lopez Antonio

520¹/₂* Navarez Francisco

524 Vacant

CALLE CONTENTA—From 127

BUTLER AVE 1948

BUTLER EAST

- 315 Arizona Excelsior Manu-
facturing
- 316 Conrado Encinas (o)
- 318 Fidel Licon (o)
- 408 F C Harper (o)

BUTLER WEST

84770 Butler Ave. and Fourth Street

Butler Ave. and Fourth Street

Flagstaff, AZ 86004

Inquiry Number: 7484563.2s

October 31, 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

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	9
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.

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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 (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

BUTLER AVE. AND FOURTH STREET
FLAGSTAFF, AZ 86004

COORDINATES

Latitude (North): 35.1926630 - 35° 11' 33.58"
Longitude (West): 111.6056570 - 111° 36' 20.36"
Universal Transverse Mercator: Zone 12
UTM X (Meters): 444861.0
UTM Y (Meters): 3894378.8
Elevation: 6808 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 11837609 FLAGSTAFF EAST, AZ
Version Date: 2018

West Map: 11837611 FLAGSTAFF WEST, AZ
Version Date: 2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20190930, 20190627
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
BUTLER AVE. AND FOURTH STREET
FLAGSTAFF, AZ 86004

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	SINAGUA HIGH SCHOOL	3950 E BUTLER AVE	UST	Higher	759, 0.144, ENE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

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

EXECUTIVE SUMMARY

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
AST..... List of Aboveground Storage Tanks
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

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

Lists of state and tribal brownfield sites

BROWNFIELDS..... Brownfields Tracking System

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE..... Solid Waste Tire Facilities

EXECUTIVE SUMMARY

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
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
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File

EXECUTIVE SUMMARY

ABANDONED MINES.....	Abandoned Mines
MINES MRDS.....	Mineral Resources Data System
FINDS.....	Facility Index System/Facility Registry System
ECHO.....	Enforcement & Compliance History Information
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
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 TRIS.....	List of PFAS Added to the TRI
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
BIOSOLIDS.....	ICIS-NPDES Biosolids Facility Data
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

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.

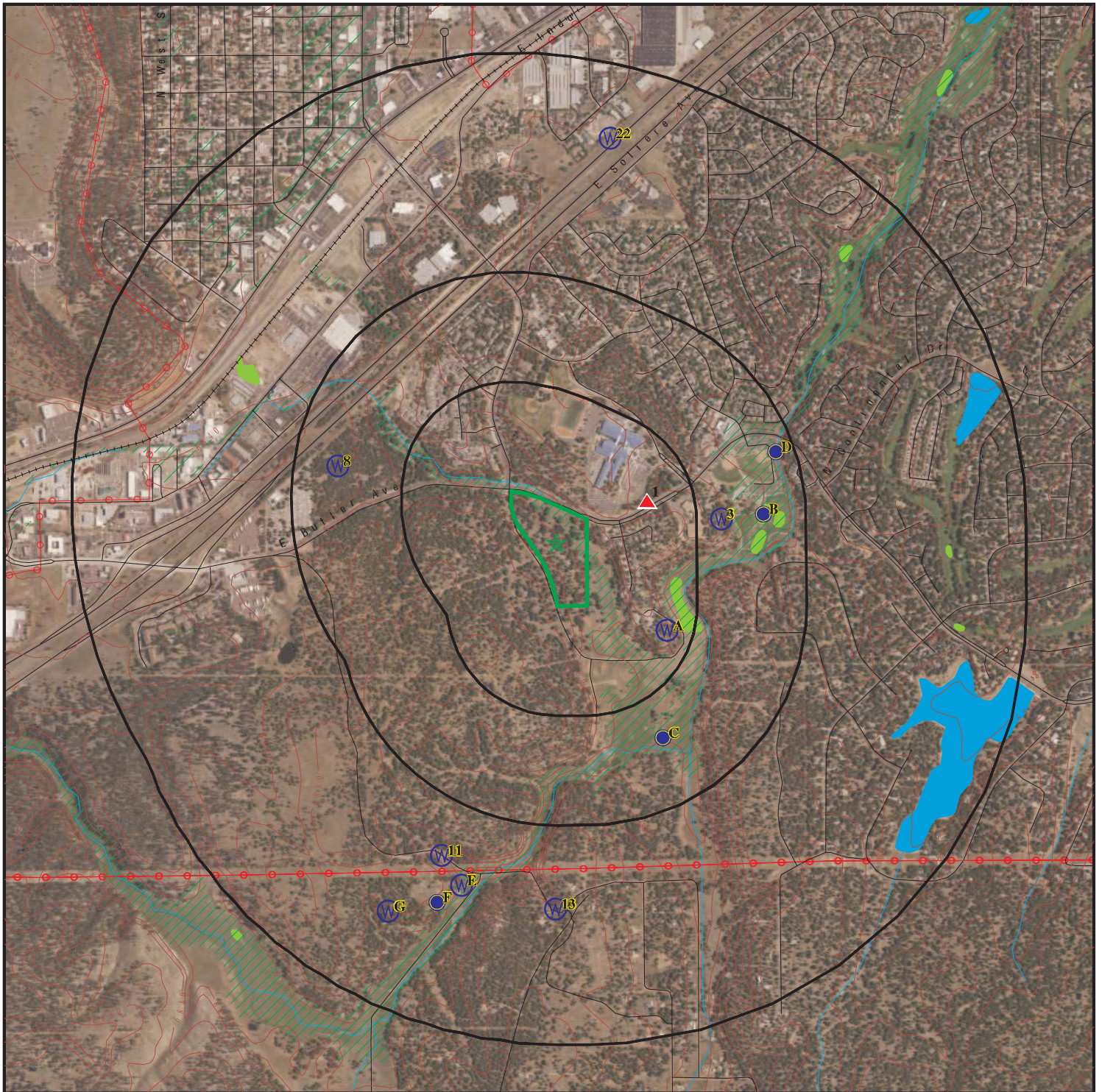
A review of the UST list, as provided by EDR, and dated 07/13/2023 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SINAGUA HIGH SCHOOL Closure Type: Removal Facility Id: 0-005094 Date Closed: 08/12/1997	3950 E BUTLER AVE	ENE 1/8 - 1/4 (0.144 mi.)	1	8

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7484563.2S



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

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

DOD Sites: AZ DEQ

Water Quality Assurance Revolving Fund Areas

AZ NPL



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

SITE NAME: 84770 Butler Ave. and Fourth Street
 ADDRESS: Butler Ave. and Fourth Street
 Flagstaff AZ 86004
 LAT/LONG: 35.192663 / 111.605657

CLIENT: SWCA Environmental Consultants
 CONTACT: Heather Mcfeeters
 INQUIRY #: 7484563.2S
 DATE: October 31, 2023 12:28 pm

DETAIL MAP - 7484563.2S



Target Property

Sites at elevations higher than or equal to the target property

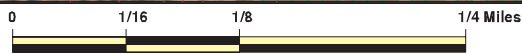
Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

DOD Sites: AZ DEQ

Water Quality Assurance Revolving Fund Areas

AZ NPL



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CLIENT: SWCA Environmental Consultants
 CONTACT: Heather Mcfeeters
 INQUIRY #: 7484563.2s
 DATE: October 31, 2023 12:28 pm

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
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<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		0	1	NR	NR	NR	1
AST	0.250		0	0	NR	NR	NR	0
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>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN 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
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	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	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
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 TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
PFAS	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
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
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

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 --		0	0	1	0	0	0	1
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

1
ENE
1/8-1/4
0.144 mi.
759 ft.

SINAGUA HIGH SCHOOL
3950 E BUTLER AVE
FLAGSTAFF, AZ 86004

UST **U001154915**
 N/A

Relative:
Higher
Actual:
6824 ft.

UST:
 Name: SINAGUA HIGH SCHOOL
 Address: 3950 E BUTLER AVE
 City,State,Zip: FLAGSTAFF, AZ 86004
 Facility ID: 0-005094
 Owner: FLAGSTAFF UNIFIED SCHOOL DISTRICT #1
 Latitude: 35.195845
 Longitude: 111.602790

Tank ID: 1
 Date Closed: 08/12/1997
Tank Status: Perm Closure
Closure Type: Removal
Tank Inst Date: 01/01/1988
Capacity: 500
Substance: Used Oil/Waste Oil
Compartment: COMPARTMENT A
Tank Const Type: Unknown
Tank Mtrl Type: Fiberglass Reinforced Plastic
Pipe Type: Not reported
Pipe Mtrl Type: Not reported
Pipe const Type: Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
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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: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: N/A
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/08/2024
	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: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: N/A
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/08/2024
	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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: N/A
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/08/2024
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: 06/23/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/22/2024
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: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 800-424-9346
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 01/22/2024
	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: 07/24/2023	Source: EPA
Date Data Arrived at EDR: 07/31/2023	Telephone: 800-424-9346
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	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: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	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: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	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: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	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: 07/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/31/2023	Telephone: (415) 495-8895
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/01/2024
	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: 08/03/2023	Source: Department of the Navy
Date Data Arrived at EDR: 08/07/2023	Telephone: 843-820-7326
Date Made Active in Reports: 10/10/2023	Last EDR Contact: 08/02/2023
Number of Days to Update: 64	Next Scheduled EDR Contact: 11/20/2023
	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: 05/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2023	Telephone: 703-603-0695
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/04/2023
	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: 05/22/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2023	Telephone: 703-603-0695
Date Made Active in Reports: 07/24/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/04/2023
	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: 06/12/2023	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 06/20/2023	Telephone: 202-267-2180
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 09/20/2023
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/01/2024
	Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

AZ NPL: NPL Detail Listing

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

Date of Government Version: 03/31/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 05/25/2023	Telephone: 602-771-4609
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 08/09/2023
Number of Days to Update: 81	Next Scheduled EDR Contact: 11/27/2023
	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: 03/31/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 05/24/2023	Telephone: 602-771-4360
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 08/09/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/27/2023
	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: 10/20/2023
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/05/2024
	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: 09/07/2023
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/25/2023
	Data Release Frequency: No Update Planned

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Directory of Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 06/28/2023
Date Made Active in Reports: 09/19/2023
Number of Days to Update: 83

Source: Department of Environmental Quality
Telephone: 602-771-2300
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

TUCSON LF: City of Tucson Landfills Listing

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

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: 10/06/2023
Next Scheduled EDR Contact: 01/15/2024
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: 07/13/2023
Date Data Arrived at EDR: 07/25/2023
Date Made Active in Reports: 09/22/2023
Number of Days to Update: 59

Source: Department of Environmental Quality
Telephone: 602-771-4345
Last EDR Contact: 10/06/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/19/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/09/2023	Telephone: 415-972-3372
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2023	Source: EPA, Region 5
Date Data Arrived at EDR: 05/09/2023	Telephone: 312-886-7439
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	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: 04/26/2023	Source: EPA Region 6
Date Data Arrived at EDR: 05/09/2023	Telephone: 214-665-6597
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2023	Source: EPA Region 10
Date Data Arrived at EDR: 05/09/2023	Telephone: 206-553-2857
Date Made Active in Reports: 07/14/2023	Last EDR Contact: 10/11/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/29/2024
	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: 03/08/2023	Source: FEMA
Date Data Arrived at EDR: 03/09/2023	Telephone: 202-646-5797
Date Made Active in Reports: 05/30/2023	Last EDR Contact: 10/10/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/15/2024
	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: 07/13/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/26/2023	Telephone: 602-771-4345
Date Made Active in Reports: 10/12/2023	Last EDR Contact: 10/06/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Annually

AST 2: Aboveground Storage Tank Listing
A listing of aboveground storage tank site locations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/22/2023
Date Data Arrived at EDR: 06/01/2023
Date Made Active in Reports: 08/23/2023
Number of Days to Update: 83

Source: Department of Environmental Quality
Telephone: 602-771-4380
Last EDR Contact: 08/29/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Varies

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: 08/29/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: No Update Planned

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: 04/19/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/14/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/20/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 04/25/2023
Date Data Arrived at EDR: 05/09/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/11/2023
Next Scheduled EDR Contact: 01/29/2024
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: 05/17/2023
Date Data Arrived at EDR: 05/18/2023
Date Made Active in Reports: 08/04/2023
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 602-771-4397
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
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.

Date of Government Version: 05/17/2023
Date Data Arrived at EDR: 05/18/2023
Date Made Active in Reports: 08/04/2023
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 602-771-4397
Last EDR Contact: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Remediation Program Sites

Sites involved in the Voluntary Remediation Program.

Date of Government Version: 12/21/2022

Date Data Arrived at EDR: 03/30/2023

Date Made Active in Reports: 06/12/2023

Number of Days to Update: 74

Source: Department of Environmental Quality

Telephone: 602-771-4411

Last EDR Contact: 09/21/2023

Next Scheduled EDR Contact: 01/08/2024

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

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: 09/12/2023

Next Scheduled EDR Contact: 01/01/2024

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: 09/21/2023

Next Scheduled EDR Contact: 01/08/2024

Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 04/06/2023

Date Data Arrived at EDR: 04/13/2023

Date Made Active in Reports: 04/19/2023

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 202-566-2777

Last EDR Contact: 08/30/2023

Next Scheduled EDR Contact: 12/25/2023

Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/25/2023	Source: Department of Environmental Quality
Date Data Arrived at EDR: 05/25/2023	Telephone: 602-771-4132
Date Made Active in Reports: 08/14/2023	Last EDR Contact: 08/15/2023
Number of Days to Update: 81	Next Scheduled EDR Contact: 12/04/2023
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 10/23/2023
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/05/2024
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	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	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 10/10/2023
Number of Days to Update: 137	Next Scheduled EDR Contact: 01/29/2024
	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	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 10/28/2023
Number of Days to Update: 176	Next Scheduled EDR Contact: 02/05/2024
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/22/2023	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 05/23/2023	Telephone: 202-307-1000
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 08/21/2023
Number of Days to Update: 48	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
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: 05/22/2023
Date Data Arrived at EDR: 05/23/2023
Date Made Active in Reports: 07/10/2023
Number of Days to Update: 48

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/21/2023
Next Scheduled EDR Contact: 12/04/2023
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/08/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/19/2023
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 09/20/2023
Number of Days to Update: 89

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 08/15/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/11/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 39

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/31/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 08/07/2023
Date Data Arrived at EDR: 08/15/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 56

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/15/2023
Next Scheduled EDR Contact: 11/27/2023
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
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/09/2023
Next Scheduled EDR Contact: 01/22/2024
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 01/15/2024
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: 08/01/2023
Next Scheduled EDR Contact: 11/20/2023
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: 06/19/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 55

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 07/31/2023
Next Scheduled EDR Contact: 11/13/2023
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: 08/03/2023
Next Scheduled EDR Contact: 11/13/2023
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: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/15/2023
Next Scheduled EDR Contact: 12/25/2023
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: 02/16/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 75

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/18/2023
Next Scheduled EDR Contact: 11/27/2023
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: 07/17/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 01/29/2024
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 12/11/2023
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: 05/09/2023
Date Data Arrived at EDR: 06/29/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 09/26/2023
Next Scheduled EDR Contact: 01/29/2024
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: 09/19/2023	Source: EPA
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-564-6023
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 16	Next Scheduled EDR Contact: 11/13/2023
	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: 03/20/2023	Source: EPA
Date Data Arrived at EDR: 04/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 06/09/2023	Last EDR Contact: 10/06/2023
Number of Days to Update: 66	Next Scheduled EDR Contact: 01/15/2024
	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: 09/27/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/15/2024
	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: 07/20/2023	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/01/2023	Telephone: 301-415-0717
Date Made Active in Reports: 09/20/2023	Last EDR Contact: 10/10/2023
Number of Days to Update: 19	Next Scheduled EDR Contact: 01/29/2024
	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: 12/31/2021	Source: Department of Energy
Date Data Arrived at EDR: 04/14/2023	Telephone: 202-586-8719
Date Made Active in Reports: 07/10/2023	Last EDR Contact: 09/01/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 12/11/2023
	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: 08/28/2023
Number of Days to Update: 251	Next Scheduled EDR Contact: 12/11/2023
	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: 08/03/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 11/13/2023
	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: 09/22/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 01/08/2024
	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: 10/04/2023
Next Scheduled EDR Contact: 02/05/2024
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: 06/30/2023
Date Data Arrived at EDR: 07/19/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 83

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/20/2023
Next Scheduled EDR Contact: 01/01/2024
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: 10/02/2023
Next Scheduled EDR Contact: 01/15/2024
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/25/2023
Next Scheduled EDR Contact: 02/12/2024
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: 08/10/2023
Next Scheduled EDR Contact: 11/27/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/03/2023
Next Scheduled EDR Contact: 01/08/2024
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: 05/01/2023
Date Data Arrived at EDR: 05/24/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 61

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/22/2023
Next Scheduled EDR Contact: 12/04/2023
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: 07/05/2023
Date Data Arrived at EDR: 07/05/2023
Date Made Active in Reports: 09/25/2023
Number of Days to Update: 82

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 11/20/2023
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: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
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: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
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: 06/13/2023
Date Data Arrived at EDR: 06/14/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 61

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Quarterly

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: 08/24/2023
Next Scheduled EDR Contact: 12/04/2023
Data Release Frequency: Varies

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 05/04/2023
Date Data Arrived at EDR: 05/25/2023
Date Made Active in Reports: 07/24/2023
Number of Days to Update: 60

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/28/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/13/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/22/2024
	Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021	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: 08/15/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/04/2023
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 06/24/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/29/2023	Telephone: 202-564-2280
Date Made Active in Reports: 09/25/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/14/2023	Source: EPA
Date Data Arrived at EDR: 08/15/2023	Telephone: 800-385-6164
Date Made Active in Reports: 10/19/2023	Last EDR Contact: 08/15/2023
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/27/2023
	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: 07/05/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2023	Telephone: 703-603-8895
Date Made Active in Reports: 10/02/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/15/2024
	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: 07/05/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2023	Telephone: 202-272-0167
Date Made Active in Reports: 10/02/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 07/05/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2023	Telephone: 202-566-0250
Date Made Active in Reports: 10/02/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/15/2024
	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: 07/05/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2023	Telephone: 202-272-0167
Date Made Active in Reports: 10/02/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 07/05/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2023	Telephone: 202-272-0167
Date Made Active in Reports: 10/02/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/15/2024
	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: 10/23/2023
Number of Days to Update: 601	Next Scheduled EDR Contact: 02/05/2024
	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: 09/23/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2023	Telephone: 202-272-0167
Date Made Active in Reports: 10/10/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 07/05/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2023	Telephone: 202-272-0167
Date Made Active in Reports: 10/02/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 01/15/2024
	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: 07/05/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2023	Telephone: 202-272-0167
Date Made Active in Reports: 09/25/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

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: 07/05/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2023	Telephone: 202-272-0167
Date Made Active in Reports: 09/25/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/15/2024
	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: 07/05/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/05/2023	Telephone: 202-272-0167
Date Made Active in Reports: 09/25/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/05/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/06/2023	Telephone: 202-267-2675
Date Made Active in Reports: 09/25/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 81	Next Scheduled EDR Contact: 01/15/2024
	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	Source: EPA, Office of Water
Date Data Arrived at EDR: 08/05/2011	Telephone: 202-564-2496
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 09/28/2023
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: No Update Planned

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 02/05/2015	Telephone: 202-564-2497
Date Made Active in Reports: 03/06/2015	Last EDR Contact: 09/28/2023
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/15/2024
	Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 07/16/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/18/2023	Telephone: 202-564-4700
Date Made Active in Reports: 08/28/2023	Last EDR Contact: 10/03/2023
Number of Days to Update: 41	Next Scheduled EDR Contact: 01/29/2024
	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: 10/25/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/12/2024
	Data Release Frequency: Varies

AQUEOUS FOAM: Aqueous Film Forming Foam Listing

When AFFF is used, discharged or released to the environment, containment and cleanup may be required to prevent future adverse health or environmental impacts.

Date of Government Version: 11/14/2020	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/22/2022	Telephone: 602-771-6145
Date Made Active in Reports: 04/26/2022	Last EDR Contact: 10/25/2023
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/12/2024
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/21/2023
Date Data Arrived at EDR: 06/22/2023
Date Made Active in Reports: 07/11/2023
Number of Days to Update: 19

Source: Department of Environmental Quality
Telephone: 602-771-2344
Last EDR Contact: 09/21/2023
Next Scheduled EDR Contact: 01/08/2024
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: 09/28/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 10/27/2023
Number of Days to Update: 23

Source: Department of Environmental Quality
Telephone: 602-771-4623
Last EDR Contact: 10/04/2023
Next Scheduled EDR Contact: 11/20/2023
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: 03/31/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/04/2023
Number of Days to Update: 79

Source: Department of Environmental Quality
Telephone: 602-771-4360
Last EDR Contact: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
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: 08/09/2023
Next Scheduled EDR Contact: 11/27/2023
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: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
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.

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: 08/22/2023
Next Scheduled EDR Contact: 12/11/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENF: Enforcement and Violation Listing

A listing of enforcement and violation cases in the state of Arizona.

Date of Government Version: 07/24/2023
Date Data Arrived at EDR: 07/26/2023
Date Made Active in Reports: 10/12/2023
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 602-771-4424
Last EDR Contact: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information for ust sites.

Date of Government Version: 06/15/2023
Date Data Arrived at EDR: 06/20/2023
Date Made Active in Reports: 09/11/2023
Number of Days to Update: 83

Source: Department of Environmental Quality
Telephone: 602-771-4258
Last EDR Contact: 09/12/2023
Next Scheduled EDR Contact: 01/01/2024
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: 09/07/2023
Next Scheduled EDR Contact: 12/25/2023
Data Release Frequency: Annually

NPDES: Notice of Intent Construction Stormwater General Permits Database

NPDES permit sites

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/20/2023
Number of Days to Update: 85

Source: Department of Environmental Quality
Telephone: 602-771-4424
Last EDR Contact: 09/27/2023
Next Scheduled EDR Contact: 01/15/2024
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: 09/21/2023
Next Scheduled EDR Contact: 01/08/2024
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: 10/20/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Varies

WWFAC: Waste Water Treatment Facilities

Statewide list of waste water treatment facilities.

Date of Government Version: 07/09/2012
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 09/06/2012
Number of Days to Update: 45

Source: Department of Environmental Quality
Telephone: 602-771-4623
Last EDR Contact: 10/10/2023
Next Scheduled EDR Contact: 01/29/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 185

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/15/2014
Number of Days to Update: 198

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/02/2014
Number of Days to Update: 185

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 08/07/2023
Date Data Arrived at EDR: 08/08/2023
Date Made Active in Reports: 10/24/2023
Number of Days to Update: 77

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/08/2023
Next Scheduled EDR Contact: 11/20/2023
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: 10/28/2023
Next Scheduled EDR Contact: 02/05/2024
Data Release Frequency: Quarterly

RI MANIFEST: Manifest information

Hazardous waste manifest information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/10/2022
Next Scheduled EDR Contact: 11/27/2023
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: 08/30/2023
Next Scheduled EDR Contact: 12/18/2023
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

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

Electric Power Transmission Line Data

Source: Endeavor Business Media

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

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

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

Daycare Centers: Child Care Facilities & Group Homes

Source: Department of Health Services
Telephone: 602-674-4220

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

84770 BUTLER AVE. AND FOURTH STREET
BUTLER AVE. AND FOURTH STREET
FLAGSTAFF, AZ 86004

TARGET PROPERTY COORDINATES

Latitude (North):	35.192663 - 35° 11' 33.59"
Longitude (West):	111.605657 - 111° 36' 20.37"
Universal Transverse Mercator:	Zone 12
UTM X (Meters):	444861.0
UTM Y (Meters):	3894378.8
Elevation:	6808 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	11837609 FLAGSTAFF EAST, AZ
Version Date:	2018

West Map:	11837611 FLAGSTAFF WEST, 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).

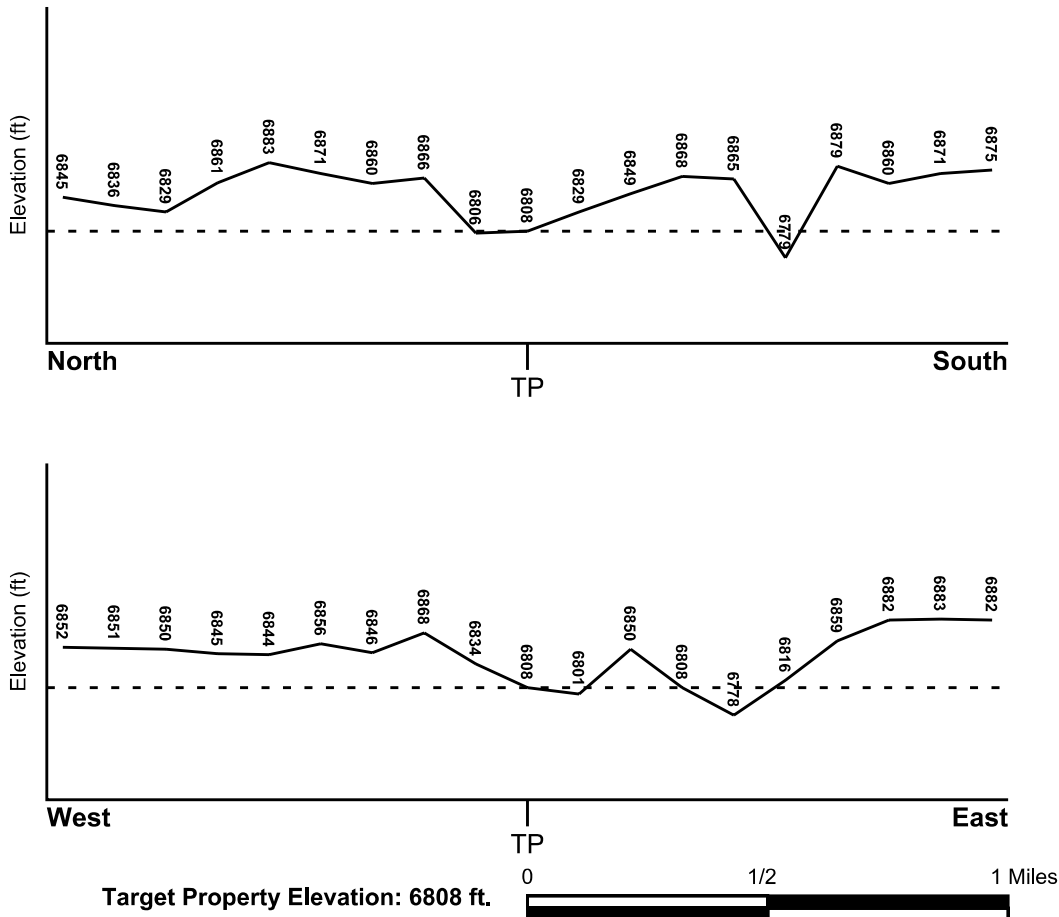
TOPOGRAPHIC INFORMATION

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 SE

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>
04005C6828G	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
04005C6829G	FEMA FIRM Flood data
04005C6836G	FEMA FIRM Flood data
04005C6837G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

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

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Permian
Series: Upper part of Leonardian Series
Code: P2b (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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: ABREU

Soil Surface Texture: gravelly - sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

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

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

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 40 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	15 inches	gravelly - sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 6.00 Min: 2.00	Max: 6.50 Min: 5.60
2	15 inches	43 inches	very gravelly - clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 0.60 Min: 0.20	Max: 6.50 Min: 5.60
3	43 inches	47 inches	unweathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

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 - sandy loam

Surficial Soil Types: very gravelly - sandy loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: No Other Soil Types

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B4	USGS40000065347	1/4 - 1/2 Mile East
C6	USGS40000065317	1/4 - 1/2 Mile SSE
D10	USGS40000065373	1/2 - 1 Mile ENE
E12	USGS40000065301	1/2 - 1 Mile SSW
E14	USGS40000065295	1/2 - 1 Mile SSW
F15	USGS40000065298	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

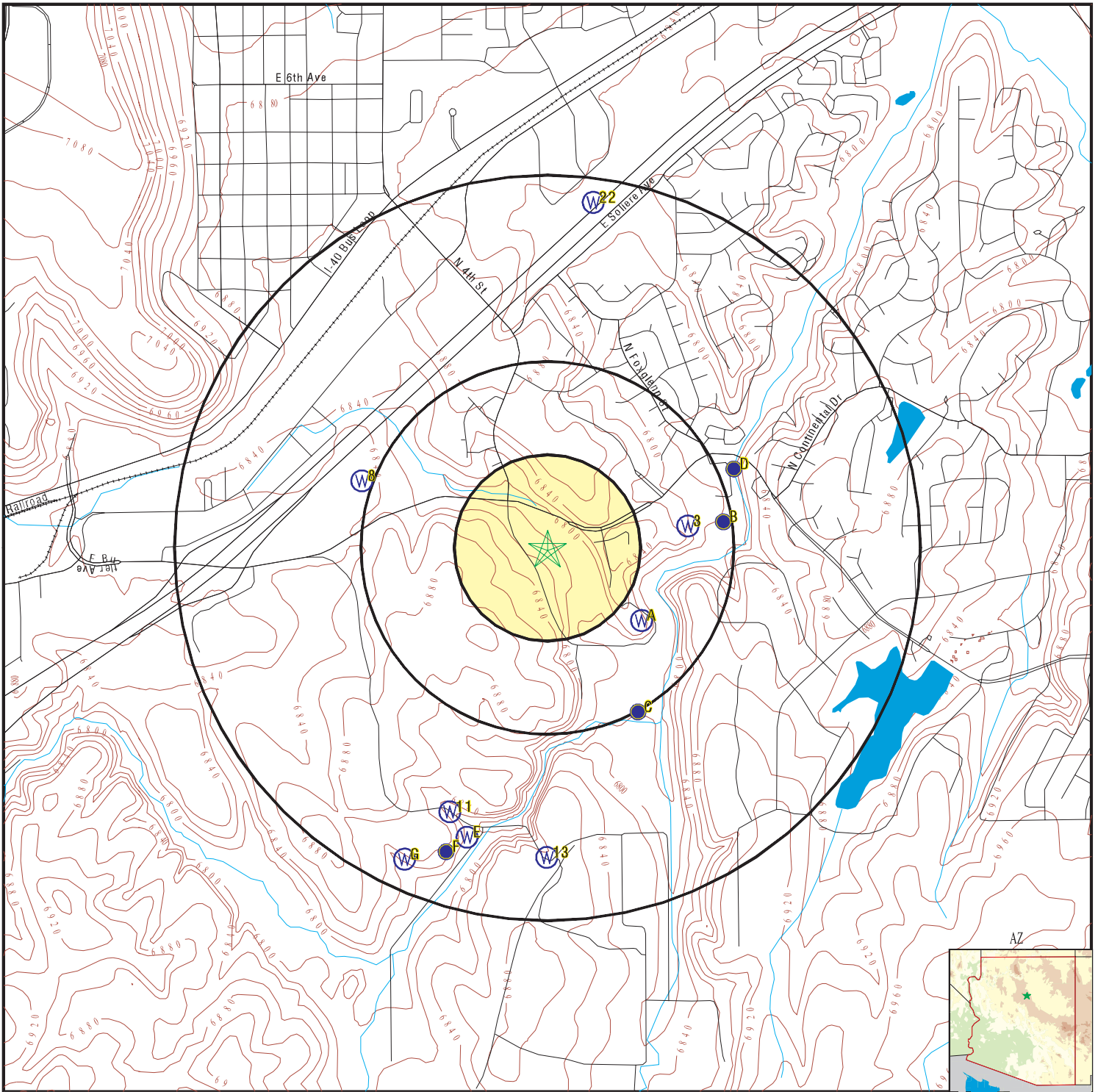
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	AZDWR1200204501	1/4 - 1/2 Mile SE
A2	AZDWR1200011122	1/4 - 1/2 Mile SE
3	AZDWR1200096737	1/4 - 1/2 Mile East
B5	AZDEQ3000048538	1/4 - 1/2 Mile East
C7	AZDWR1200076961	1/2 - 1 Mile SSE
8	AZDWR1200097139	1/2 - 1 Mile WNW
D9	AZDWR1200076959	1/2 - 1 Mile ENE
11	AZDEQ3000006844	1/2 - 1 Mile SSW
13	AZDWR1200050524	1/2 - 1 Mile South
F16	AZDWR1200128306	1/2 - 1 Mile SSW
F17	AZDEQ3000006845	1/2 - 1 Mile SSW
G18	AZDWR1200222783	1/2 - 1 Mile SSW
G19	AZDWR1200066653	1/2 - 1 Mile SSW
G20	AZDWR1200090090	1/2 - 1 Mile SSW
G21	AZDWR1200217885	1/2 - 1 Mile SSW
22	AZDWR1200129035	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 7484563.2s



- 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: 84770 Butler Ave. and Fourth Street
 ADDRESS: Butler Ave. and Fourth Street
 Flagstaff AZ 86004
 LAT/LONG: 35.192663 / 111.605657

CLIENT: SWCA Environmental Consultants
 CONTACT: Heather Mcfeeters
 INQUIRY #: 7484563.2s
 DATE: October 31, 2023 12:28 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
SE
1/4 - 1/2 Mile
Higher

AZ WELLS AZDWR1200204501

Program:	55	Registry ID:	907085
Owner Name:	CITY OF FLAGSTAFF	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	MUNICIPAL USES, UTILITY (WATER CO)
Basin Name:	LITTLE COLORADO RIVER PLATEAU	Driller License #:	671
Application:	24-MAY-07	Approved:	24-MAY-07
Installed Date:	23-JUN-07	Well Depth (ft):	2725
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	1300	AMA or INA:	OUTSIDE OF AMA OR INA
Casing Depth (ft):	2725	Casing Diameter (in):	7
RGR Pump Data:	NO	Pump Type:	Not Reported
Pump Power:	Not Reported	Pump Rate:	0
Tested Rate:	0	Draw Down:	0
Completion:	Not Reported	Well Cancelled:	Not Reported
Driller Log:	X	Watershed:	LITTLE COLORADO RIVER

A2
SE
1/4 - 1/2 Mile
Higher

AZ WELLS AZDWR1200011122

Program:	55	Registry ID:	207834
Owner Name:	CITY OF FLAGSTAFF, UTILITIES DEPARTMENT	Well Type Group:	OTHER
Well Type:	SPCL - GEOTECHNICAL	Basin Name:	LITTLE COLORADO RIVER PLATEAU
Water Use:	NO WATER USE	Application:	12-MAY-05
Driller License #:	671	Installed Date:	Not Reported
Approved:	16-MAY-05	Casing Type:	Not Reported
Well Depth (ft):	0	AMA or INA:	OUTSIDE OF AMA OR INA
Water Level (ft):	0	Casing Diameter (in):	0
Casing Depth (ft):	0	Pump Type:	Not Reported
RGR Pump Data:	NO	Pump Rate:	0
Pump Power:	Not Reported	Draw Down:	0
Tested Rate:	0	Well Cancelled:	Y
Completion:	A	Watershed:	LITTLE COLORADO RIVER
Driller Log:	Not Reported		

3
East
1/4 - 1/2 Mile
Lower

AZ WELLS AZDWR1200096737

Program:	55	Registry ID:	559572
Owner Name:	FLAGSTAFF, CITY OF,	Well Type:	NON-EXEMPT
Well Type Group:	NON-EXEMPT	Water Use:	MUNICIPAL USES
Basin Name:	LITTLE COLORADO RIVER PLATEAU	Driller License #:	181
Application:	23-AUG-96	Approved:	Not Reported
Installed Date:	02-JUN-97	Well Depth (ft):	2280
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	1311	AMA or INA:	OUTSIDE OF AMA OR INA
Casing Depth (ft):	2004	Casing Diameter (in):	12
RGR Pump Data:	YES	Pump Type:	SUBMERSIBLE
Pump Power:	ELECTRIC MOTOR > 100 HP	Pump Rate:	375

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Tested Rate:	375	Draw Down:	295
Completion:	X	Well Cancelled:	Not Reported
Driller Log:	X	Watershed:	LITTLE COLORADO RIVER

B4
East
1/4 - 1/2 Mile
Lower

FED USGS USGS40000065347

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	A-21-07 24AAD	Type:	Well
Description:	Not Reported	HUC:	15020015
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:	Supai Formation
Aquifer Type:	Unconfined multiple aquifers	Well Depth:	2280
Construction Date:	19961029	Well Hole Depth:	2280
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	57	Level reading date:	2004-09-01
Feet below surface:	1339.0	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2004-04-26	Feet below surface:	1336.0
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-02-03	Feet below surface:	1339.0
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-08-07	Feet below surface:	1313
Feet to sea level:	Not Reported	Note:	The site was being pumped.

Level reading date:	2003-05-19	Feet below surface:	1332.0
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-01-30	Feet below surface:	1339.0
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2002-10-10	Feet below surface:	1446.0
Feet to sea level:	Not Reported	Note:	The site was being pumped.

Level reading date:	2002-08-12	Feet below surface:	1313.0
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2002-05-09	Feet below surface:	1313.0
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2002-02-04	Feet below surface:	1340.0
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-10-04	Feet below surface:	1355
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-08-23	Feet below surface:	1313
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-05-25	Feet below surface:	1313.0
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2001-02-23	Feet below surface:	1313.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-07	Feet below surface:	1313.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-27	Feet below surface:	1336.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-27	Feet below surface:	1313.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-07-05	Feet below surface:	1335
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-03	Feet below surface:	1311.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-27	Feet below surface:	1336.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-09-04	Feet below surface:	1321
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-27	Feet below surface:	1334
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-17	Feet below surface:	1312.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-12	Feet below surface:	1312.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-02	Feet below surface:	1312.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-06-19	Feet below surface:	1312.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-17	Feet below surface:	1312.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-11	Feet below surface:	1312.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-15	Feet below surface:	1313.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-09-24	Feet below surface:	1313.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-07	Feet below surface:	1315.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-18	Feet below surface:	1315.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-06-27	Feet below surface:	1316.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-06-20	Feet below surface:	1316.2
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1997-06-16	Feet below surface:	1316.9
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-06-10	Feet below surface:	1317.8
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1997-06-09	Feet below surface:	1317.9
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1997-06-06	Feet below surface:	1318.6
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1997-06-05	Feet below surface:	1319.2
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1997-06-04	Feet below surface:	1319.9
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1997-05-06	Feet below surface:	1314.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-16	Feet below surface:	1315.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-15	Feet below surface:	1315.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-14	Feet below surface:	1315.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-11	Feet below surface:	1315.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-10	Feet below surface:	1315.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-09	Feet below surface:	1315.2
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-08	Feet below surface:	1315.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-07	Feet below surface:	1315.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-04	Feet below surface:	1315.3
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-03	Feet below surface:	1315.4
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-02	Feet below surface:	1315.5
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-01	Feet below surface:	1315.6
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-03-31	Feet below surface:	1315.8
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-03-27	Feet below surface:	1316.0
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1996-12-21	Feet below surface:	1319.0
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-12-12	Feet below surface:	1313
Feet to sea level:	Not Reported	Note:	Not Reported

B5
East
1/4 - 1/2 Mile
Lower

AZ WELLS AZDEQ3000048538

DWR Number:	55-559572	DEQ Well #:	62113
Agency Well #:	Not Reported	Start Date:	02-JUN-97
End Date:	Not Reported	Station Alt Name:	FOXGLENN WELL
well Depth:	Not Reported	Drill Depth:	2004
Watershed:	Not Reported	Basin:	Little Colorado River Plateau
Aquifer Type:	Not Reported		
Water Use:	Water That Is Pumped And Distributed To More Than Fifteen Homes. Community Water Systems Serve Year Round Residents While Non-Community Water Systems Serve Part Time Residents For At Least 60 Days A Year.		
Well Type:	Well, For Single Wells Other Than Wells Of The Collector Or Ranney Type		

C6
SSE
1/4 - 1/2 Mile
Lower

FED USGS USGS40000065317

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	A-21-07 24DBD	Type:	Well
Description:	Not Reported	HUC:	15020015
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:	Kaibab Limestone
Aquifer Type:	Unconfined single aquifer	Construction Date:	19921215
Well Depth:	320	Well Depth Units:	ft
Well Hole Depth:	320	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1993-01-04
Feet below surface:	239	Feet to sea level:	Not Reported
Note:	Not Reported		

C7
SSE
1/2 - 1 Mile
Lower

AZ WELLS AZDWR1200076961

Program:	55	Registry ID:	537147
Owner Name:	FLAGSTAFF, CITY OF,	Well Type:	ENV - MONITOR OR PIEZOMETER
Well Type Group:	MONITOR	Water Use:	MONITORING
Basin Name:	LITTLE COLORADO RIVER PLATEAU	Driller License #:	360
Application:	22-OCT-92	Approved:	Not Reported
Installed Date:	21-DEC-93	Well Depth (ft):	320
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	239	AMA or INA:	OUTSIDE OF AMA OR INA
Casing Depth (ft):	320	Casing Diameter (in):	6
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

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Completion:	N	Well Cancelled:	Not Reported
Driller Log:	X	Watershed:	LITTLE COLORADO RIVER

**8
WNW
1/2 - 1 Mile
Higher**

AZ WELLS AZDWR1200097139

Program:	55	Registry ID:	558927
Owner Name:	APS,	Well Type:	ENV - MONITOR
Well Type Group:	MONITOR	Water Use:	MONITORING
Basin Name:	LITTLE COLORADO RIVER PLATEAU	Driller License #:	498
Application:	16-JUL-96	Approved:	Not Reported
Installed Date:	07-AUG-96	Well Depth (ft):	30
Casing Type:	PLASTIC OR PVC	Water Level (ft):	0
AMA or INA:	OUTSIDE OF AMA OR INA	Casing Depth (ft):	30
Casing Diameter (in):	4	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:	X
Watershed:	LITTLE COLORADO RIVER		

**D9
ENE
1/2 - 1 Mile
Lower**

AZ WELLS AZDWR1200076959

Program:	55	Registry ID:	537145
Owner Name:	FLAGSTAFF, CITY OF,	Well Type:	ENV - MONITOR OR PIEZOMETER
Well Type Group:	MONITOR	Water Use:	MONITORING
Basin Name:	LITTLE COLORADO RIVER PLATEAU	Driller License #:	360
Application:	22-OCT-92	Approved:	Not Reported
Installed Date:	02-JAN-93	Well Depth (ft):	280
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING	AMA or INA:	OUTSIDE OF AMA OR INA
Water Level (ft):	240	Casing Diameter (in):	6
Casing Depth (ft):	280	Pump Type:	NO PUMP CODE LISTED
RGR Pump Data:	NO	Pump Rate:	0
Pump Power:	NO POWER CODE LISTED	Draw Down:	0
Tested Rate:	0	Well Cancelled:	Not Reported
Completion:	N	Watershed:	LITTLE COLORADO RIVER
Driller Log:	X		

**D10
ENE
1/2 - 1 Mile
Lower**

FED USGS USGS40000065373

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	A-21-07 24AAA	Type:	Well
Description:	Not Reported	HUC:	15020015
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:	Kaibab Limestone
Aquifer Type:	Unconfined single aquifer	Construction Date:	19921221
Well Depth:	280	Well Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Hole Depth:	280	Well Hole Depth Units:	ft
Ground water levels,Number of Measurements:	1	Level reading date:	1993-01-04
Feet below surface:	240	Feet to sea level:	Not Reported
Note:	Not Reported		

11
SSW
1/2 - 1 Mile
Higher

AZ WELLS AZDEQ300006844

DWR Number:	Not Reported	DEQ Well #:	15588
Agency Well #:	15588	Start Date:	01-JAN-17
End Date:	Not Reported	Station Alt Name:	A-21-07 24CCD
well Depth:	Not Reported	Drill Depth:	65
Watershed:	LITTLE COLORADO	Basin:	Little Colorado River Plateau
Aquifer Type:	Not Reported		
Water Use:	Water Is Not Being Removed For One Of The Other Described Purposes. Ex: Test Hole, Oil Or Gas Well, Recharge, Drainage, Observation, Or Waste Disposal Wells Are In This Category.		
Well Type:	Well, For Single Wells Other Than Wells Of The Collector Or Ranney Type		

E12
SSW
1/2 - 1 Mile
Lower

FED USGS USGS4000065301

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	A-21-07 24CCD	Type:	Well
Description:	Not Reported	HUC:	15020015
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:	Kaibab Limestone
Aquifer Type:	Not Reported	Construction Date:	1917
Well Depth:	65	Well Depth Units:	ft
Well Hole Depth:	65	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1979-08-09
Feet below surface:	32.35	Feet to sea level:	Not Reported
Note:	Not Reported		

13
South
1/2 - 1 Mile
Higher

AZ WELLS AZDWR1200050524

Program:	55	Registry ID:	510055
Owner Name:	JR,J POTTER	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	DOMESTIC
Basin Name:	LITTLE COLORADO RIVER PLATEAU	Driller License #:	336
Application:	11-JAN-85	Approved:	Not Reported
Installed Date:	10-FEB-85	Well Depth (ft):	230
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	200	AMA or INA:	OUTSIDE OF AMA OR INA
Casing Depth (ft):	220	Casing Diameter (in):	7
RGR Pump Data:	NO	Pump Type:	NO PUMP CODE LISTED
Pump Power:	NO POWER CODE LISTED	Pump Rate:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Tested Rate:	0	Draw Down:	0
Completion:	C	Well Cancelled:	Not Reported
Driller Log:	X	Watershed:	LITTLE COLORADO RIVER

E14
SSW
1/2 - 1 Mile
Higher

FED USGS USGS40000065295

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	A-21-07 25BBA2	Type:	Well
Description:	Not Reported	HUC:	Not Reported
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

F15
SSW
1/2 - 1 Mile
Higher

FED USGS USGS40000065298

Organization ID:	USGS-AZ	Organization Name:	USGS Arizona Water Science Center
Monitor Location:	A-21-07 25BBA	Type:	Well
Description:	Not Reported	HUC:	15020015
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:	Kaibab Limestone
Aquifer Type:	Not Reported	Construction Date:	1917
Well Depth:	150	Well Depth Units:	ft
Well Hole Depth:	150	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1979-08-09
Feet below surface:	75.92	Feet to sea level:	Not Reported
Note:	Not Reported		

F16
SSW
1/2 - 1 Mile
Lower

AZ WELLS AZDWR1200128306

Program:	55	Registry ID:	600661
Owner Name:	MC CRACKEN,K	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	DOMESTIC, STOCK, IRRIGATION
Basin Name:	LITTLE COLORADO RIVER PLATEAU	Driller License #:	0
Application:	28-SEP-81	Approved:	Not Reported
Installed Date:	Not Reported	Well Depth (ft):	150
Casing Type:	NO CASING CODE LISTED	Water Level (ft):	110
AMA or INA:	OUTSIDE OF AMA OR INA	Casing Depth (ft):	115
Casing Diameter (in):	8	RGR Pump Data:	NO
Pump Type:	NO PUMP CODE LISTED	Pump Power:	NO POWER CODE LISTED
Pump Rate:	35	Tested Rate:	35
Draw Down:	0	Completion:	N
Well Cancelled:	Not Reported	Driller Log:	N

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Watershed: LITTLE COLORADO RIVER

F17
SSW
1/2 - 1 Mile
Lower

AZ WELLS **AZDEQ300006845**

DWR Number:	Not Reported	DEQ Well #:	15589
Agency Well #:	15589	Start Date:	01-JAN-17
End Date:	Not Reported	Station Alt Name:	A-21-07 25BBA
well Depth:	Not Reported	Drill Depth:	150
Watershed:	LITTLE COLORADO	Basin:	Little Colorado River Plateau
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		

G18
SSW
1/2 - 1 Mile
Higher

AZ WELLS **AZDWR120022783**

Program:	55	Registry ID:	917474
Owner Name:	JOAN ABBOTT	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	DOMESTIC
Basin Name:	LITTLE COLORADO RIVER PLATEAU	Driller License #:	336
Application:	23-OCT-14	Approved:	23-OCT-14
Installed Date:	Not Reported	Well Depth (ft):	225
Casing Type:	PLASTIC OR PVC	Water Level (ft):	62
AMA or INA:	OUTSIDE OF AMA OR INA	Casing Depth (ft):	225
Casing Diameter (in):	7	RGR Pump Data:	NO
Pump Type:	Not Reported	Pump Power:	Not Reported
Pump Rate:	0	Tested Rate:	0
Draw Down:	0	Completion:	Not Reported
Well Cancelled:	Not Reported	Driller Log:	X
Watershed:	LITTLE COLORADO RIVER		

G19
SSW
1/2 - 1 Mile
Higher

AZ WELLS **AZDWR1200066653**

Program:	55	Registry ID:	525327
Owner Name:	SINES, DONALD,	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	DOMESTIC
Basin Name:	LITTLE COLORADO RIVER PLATEAU	Driller License #:	394
Application:	19-JUL-89	Approved:	Not Reported
Installed Date:	20-JUL-89	Well Depth (ft):	200
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING	AMA or INA:	OUTSIDE OF AMA OR INA
Water Level (ft):	145	Casing Diameter (in):	6
Casing Depth (ft):	21	Pump Type:	NO PUMP CODE LISTED
RGR Pump Data:	NO	Pump Rate:	0
Pump Power:	NO POWER CODE LISTED	Draw Down:	0
Tested Rate:	0	Well Cancelled:	Not Reported
Completion:	C	Watershed:	LITTLE COLORADO RIVER
Driller Log:	X		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

G20
SSW
1/2 - 1 Mile
Higher

AZ WELLS AZDWR1200090090

Program:	55	Registry ID:	551150
Owner Name:	SCHMITT, ROBERT,	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	DOMESTIC
Basin Name:	LITTLE COLORADO RIVER PLATEAU	Driller License #:	306
Application:	01-AUG-95	Approved:	Not Reported
Installed Date:	11-JUL-96	Well Depth (ft):	195
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	140	AMA or INA:	OUTSIDE OF AMA OR INA
Casing Depth (ft):	195	Casing Diameter (in):	6
RGR Pump Data:	NO	Pump Type:	SUBMERSIBLE
Pump Power:	ELECTRIC MOTOR < 1 HP	Pump Rate:	6
Tested Rate:	2	Draw Down:	16
Completion:	X	Well Cancelled:	Not Reported
Driller Log:	X	Watershed:	LITTLE COLORADO RIVER

G21
SSW
1/2 - 1 Mile
Higher

AZ WELLS AZDWR1200217885

Program:	55	Registry ID:	920806
Owner Name:	KYLE MAYCUMBER	Well Type:	EXEMPT
Well Type Group:	EXEMPT	Water Use:	DOMESTIC
Basin Name:	LITTLE COLORADO RIVER PLATEAU	Driller License #:	505
Application:	04-AUG-17	Approved:	04-AUG-17
Installed Date:	08-AUG-17	Well Depth (ft):	195
Casing Type:	PLASTIC OR PVC	Water Level (ft):	150
AMA or INA:	OUTSIDE OF AMA OR INA	Casing Depth (ft):	195
Casing Diameter (in):	5	RGR Pump Data:	NO
Pump Type:	Not Reported	Pump Power:	Not Reported
Pump Rate:	0	Tested Rate:	0
Draw Down:	0	Completion:	Not Reported
Well Cancelled:	Not Reported	Driller Log:	X
Watershed:	LITTLE COLORADO RIVER		

22
North
1/2 - 1 Mile
Higher

AZ WELLS AZDWR1200129035

Program:	55	Registry ID:	599536
Owner Name:	FLAGSTAFF, CITY OF,	Well Type:	SPCL - MINERAL EXPLORATION
Well Type Group:	OTHER	Water Use:	NO WATER USE
Basin Name:	LITTLE COLORADO RIVER PLATEAU	Driller License #:	571
Application:	16-JUL-03	Approved:	28-JUL-03
Installed Date:	Not Reported	Well Depth (ft):	0
Casing Type:	STEEL - PERFORATED OR SLOTTED CASING		
Water Level (ft):	0	AMA or INA:	OUTSIDE OF AMA OR INA
Casing Depth (ft):	40	Casing Diameter (in):	10
RGR Pump Data:	NO	Pump Type:	Not Reported
Pump Power:	Not Reported	Pump Rate:	0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Tested Rate:	0	Draw Down:	0
Completion:	X	Well Cancelled:	Y
Driller Log:	Not Reported	Watershed:	LITTLE COLORADO RIVER

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: AZ Radon

Radon Test Results (pCi/L)

Zip	City	Result (pCi/L)
86004	FLAGSTAFF	< 0.50
86004	FLAGSTAFF	= 0.50
86004	FLAGSTAFF	= 0.70
86004	FLAGSTAFF	= 0.80
86004	FLAGSTAFF	= 0.90
86004	FLAGSTAFF	= 1.00
86004	FLAGSTAFF	= 1.10
86004	FLAGSTAFF	= 1.20
86004	FLAGSTAFF	= 1.30
86004	FLAGSTAFF	= 1.40
86004	FLAGSTAFF	= 1.50
86004	FLAGSTAFF	= 1.60
86004	FLAGSTAFF	= 1.70
86004	FLAGSTAFF	= 1.80
86004	FLAGSTAFF	= 1.90
86004	FLAGSTAFF	= 2.10
86004	FLAGSTAFF	= 2.20
86004	FLAGSTAFF	= 2.40
86004	FLAGSTAFF	= 2.50
86004	FLAGSTAFF	= 2.60
86004	FLAGSTAFF	= 3.30
86004	FLAGSTAFF	= 3.40
86004	FLAGSTAFF	= 3.50
86004	FLAGSTAFF	= 3.70
86004	FLAGSTAFF	= 3.80
86004	FLAGSTAFF	= 4.00
86004	FLAGSTAFF	= 4.80
86004	FLAGSTAFF	= 6.50
86004	FLAGSTAFF	= 6.70
86004	FLAGSTAFF	= 53.70

Federal EPA Radon Zone for COCONINO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 86004

Number of sites tested: 15

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.227 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

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APPENDIX F

Property Photographs



Photograph 1. Typical sparsely wooded tract and dirt walking trail observed within the northern portion of the subject property.



Photograph 2. Typical sparsely wooded tract and dirt walking trail observed within the southern portion of the subject property.



Photograph 3. Deserted unhoued encampment and de minimis debris observed in the southern portion of the subject property.



Photograph 4. Deserted unhoued encampment and de minimis debris observed in the western portion of the subject property.



Photograph 5. East Butler Avenue followed by construction activity north of the subject property.



Photograph 6. Walking trail and wooded lot east of the subject property.



Photograph 7. Wooded tract south of the subject property.



Photograph 8. South Fourth Street followed by construction activity west of the subject property.