

Site Specific Phase I Environmental Site Assessment

Skyview Former Mine Site

Skyview Lane

Hazard, KY

Prepared for:
Commonwealth of Kentucky

Prepared by:
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1.0 Executive Summary

The Kentucky Energy and Environment Cabinet (EEC) has completed a Phase I Environmental Site Assessment (ESA) of the property located on Skyview Lane in Hazard, Kentucky. This ESA was prepared in accordance with the scope and limitations of ASTM's Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E1527-21), recognized by the U.S. Environmental Protection Agency (USEPA) as compliant with Standards and practices for All Appropriate Inquiries (AAI) promulgated at 40 CFR part 312. According to the Property Valuation Administrator's (PVA) online property search, the subject site is two parcels: 063-00-00-063.0 and 064-00-00-006.00. Mtn. View Inc. is listed as the owner of parcel 063-00-00-063.00, and Glenn Baker is listed as the owner of parcel 064-00-00-006.00. However, the property has been surveyed and a new property boundary has been defined and it appears the PVA office has not updated their online property search at the time of this assessment. The new property boundary is recorded in Deed Book 415 page 157 in the Perry County Clerk's office and contains 47.18 acres. MRI Properties Inc. (representative Paul Ison) has been identified as the property owner, but the property is to be conveyed to the Commonwealth of Kentucky. Mr. Ison granted access to the property by signing a Right of Entry consent form dated January 20, 2023. The visual inspection of the subject property took place on May 10, 2023, and was conducted by Sarah Yount, Ken Logsdon, and Jean Weaver of the EEC Division of Waste Management.

The objective of the Phase I ESA is to provide the Commonwealth of Kentucky with information regarding potential areas of environmental concern and to identify existing or potential *recognized environmental conditions* (RECs) in connection with the subject property and surrounding area. This assessment describes the services performed by the EEC, the findings of the investigation, and the environmental professional's interpretation of the assessment in accordance with ASTM E1527-21.

A summary of the findings is provided below. Details were not included or fully developed in this section. The report must be read in its entirety for a comprehensive understanding of the subject property.

- The site was previously used for mining activities. The mining permit had a Phase 3 release in 2014. This aspect is seen as complete from a regulatory standpoint and therefore is not considered a recognized environmental condition (REC).
- There is a record of one domestic use well on-site but there are no plugging records; it was not found during the site reconnaissance.
- The property is largely undeveloped; supplying the necessary utilities and creating appropriate property access may incur additional costs. This may be considered a business environmental risk (BER).
- Radon is not within the scope of this assessment. However, the site is listed in the 0.0 - 2.7 pCi/L radon potential range based on rock type. EPA suggested radon action level is 4.0 pCi/L or greater, and the World Health Organization suggested action level is 2.7 pCi/L or greater. Radon testing may be necessary for site development which could incur additional costs. This may be considered a business environmental risk (BER).

2.0 Purpose

The purpose of this Phase I Environmental Site Assessment (ESA) was to document current and historical information on the subject property and surrounding area in order to identify, to the extent possible, recognized environmental conditions.

A *recognized environmental condition* (REC) is defined by ASTM E1527-21 as the presence or likely presence of any hazardous substance or petroleum products in, on, or at the property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

A *historical recognized environmental condition* (HREC), is defined by ASTM E1527-21 as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority (as evidenced by the issuance of a no further action letter or other equivalent closure documentation) or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g., property use restriction, activity and use limitations, institutional controls, or engineering controls).

A *controlled recognized environmental condition* (CREC), is defined by ASTM E1527-21 as a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (e.g., as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substance or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property use restrictions, activity and use limitations, institutional controls, or engineering controls).

De minimis conditions are defined in ASTM E1527-21 as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

Business Environmental Risk is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business environmental risk issues may involve addressing one or more non-scope considerations.

2.1 Scope of Work

The scope of work, based on ASTM E1527-21, is to identify whether RECs, HRECs or CRECs are present on the site. The report is a general characterization of environmental concerns based on available information and site observations. The scope of work for this ESA included an evaluation of the following:

- Research of environmental regulatory database information at the federal, state and local levels within specified minimum search distances.

- A review of standard historical resources pertinent to the historic land usage of the subject property, adjacent properties, and the surrounding area.
- A review of current land use and existing conditions of the subject property, including observation and interviews regarding the use, treatment, storage, disposal or generation of hazardous substances, petroleum products, and hazardous or regulated wastes; storage tanks and drums; well, drains and sumps; and pits, ponds, or lagoons.
- A review of current land use of adjoining and surrounding area properties and the likelihood of known or suspected releases of hazardous substances or petroleum products to impact the subject property.
- A visual site investigation and general evaluation of the physical characteristics of the subject property using both area reconnaissance and published references.
- Conversations and/or interviews with current owners, local government officials, local regulatory personnel, and other knowledgeable persons in an effort to obtain information that may indicate recognized environmental conditions in connection with past uses and/or activities at the subject property.

In addition, the subject property was evaluated for Business Environmental Risks (BER). A BER is a risk, which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. There may be environmental issues or conditions at a property that parties may wish to assess in connection with commercial real estate that are outside the scope of this practice. As noted in the legal analyses of this practice, some substances may be present on a property but are not included in CERCLA's definition of hazardous substances or do not otherwise present potential CERCLA liability.

2.2 Significant Assumptions

No significant assumptions were made while preparing this report. It is possible that unreported disposal of waste or illegal activities impairing the environmental status of the subject property or adjoining properties may have occurred which could not be identified.

2.3 Limitations and Exceptions

This ESA was prepared in accordance with the scope and limitation of ASTM's E1527-21 process and is recognized by the U.S. Environmental Protection Agency (USEPA) as compliant with Standards and Practices for All Appropriate Inquiries (AAI). It has been prepared to assess the property with respect to hazardous substances defined in the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), and petroleum products.

A thorough attempt was made to identify recognized environmental conditions at or associated with the subject property. However, potential sources of contamination may have escaped detection due to: (1) the limited scope of this assessment, (2) the inaccuracy of public records, (3) unreported environmental incidents, and (4) lack of institutional memory.

Other limitations for this assessment include, but are not limited to the following:

- This site is undeveloped and tall vegetation may have covered some indicators of contamination.

- EDR searched their Sanborn Fire Insurance database but did not find map coverage for the subject property.
- The site has had previous mining activity but that does not necessarily have a relation to hazardous substances, so limited information came up in database searches about it.

2.4 Special Terms and Conditions

This assessment was performed for the Commonwealth of Kentucky by the Kentucky Energy and Environment Cabinet (EEC). This report is public record and is subject to the Kentucky Open Records Act.

2.5 User Reliance

Reasonable care was taken by EEC in checking information gained through interviews and any other secondary sources of data. This report was developed with the presumption that information obtained during the course of the assessment activities was factual in nature and was developed based on physical conditions observed during the May 10, 2023 site visit.

2.6 Location and Description

The subject property is located at Skyview Lane, Hazard, Kentucky. Site coordinates are latitude 37.249714 decimal degrees, and longitude -83.268876 decimal degrees. According to the Perry County Property Valuation Administrator's (PVA) office, the subject site is two parcels: 063-00-00-063.0 and 064-00-00-006.00. Mtn. View Inc. is listed as the owner of parcel 063-00-00-063.00, and Glenn Baker is listed as the owner of parcel 064-00-00-006.00. However, the property has been surveyed and a new property boundary has been defined and it appears the PVA office has not updated their online property search at the time of this assessment. The new property boundary is recorded in Deed Book 415 page 157 in the Perry County Clerk's office and contains 47.18 acres. A plat map of the new property boundary is included as [Appendix D](#).

Description for a certain tract or parcel of land, lying and being in the Commonwealth of Kentucky, County of Perry, near the Community of Coal Harbour, Kentucky, lying on the south side of the Hal Rogers Parkway, and being more particularly described as follows:

Unless otherwise stated any monument referred to as a capped pin set is an 18" inch rebar 5/8" inch diameter with a plastic cap inscribed R.M. Johnson Engineering, PLS 3521 or Roy D. Patrick PLS 3521.

Beginning at a 5/8 inch rebar set at the southeast corner of the tract herein described; Said point being a common corner to the MRI Properties, INC. property remaining, as recorded in the Perry County Clerk's Office in Deed Book 415 Page 157, and the new boundary herein described, and has a KY State Plane Single Zone Coordinate value of North: 3,623,057.09 and East: 5,644,270.32. Thence following the new boundary, severing said MRI Properties, INC. property for twenty one (21) calls as follows:

S 59°51'28" W a distance of 202.66' to a capped pin set;

N 30°28'41" W a distance of 25.46' to a capped pin set in the east boundary of an access and utility easement;

S 59°31'19" W a distance of 50.00' to a capped pin set in the west boundary of same access and utility easement;

S 59°31'19" W a distance of 225.00' to a capped pin set;

N 30°28'41" W a distance of 26.32' to a capped pin set in the east boundary of an access and utility easement;

S 59°31'19" W a distance of 50.00' to a capped pin set in the west boundary of same access and utility easement;
S 53°55'11" W a distance of 336.95' to a capped pin set;
N 39°00'29" W a distance of 1,540.12' to a capped pin set;
N 23°24'24" E a distance of 271.84' to a capped pin set;
N 39°34'38" E a distance of 124.79' to a capped pin set;
N 38°35'04" W a distance of 39.37' to a capped pin set;
N 18°23'44" W a distance of 938.29' to a capped pin set;
N 02°25'45" W a distance of 608.02' to a capped pin set;
N 87°34'15" E a distance of 289.98' to a capped pin set;
S 05°46'15" E a distance of 338.18' to a capped pin set;
S 15°09'33" W a distance of 226.38' to a capped pin set;
S 18°23'44" E a distance of 550.46' to a capped pin set;
S 53°47'02" E a distance of 86.10' to a capped pin set;
S 44°18'54" E a distance of 103.20' to a capped pin set;
S 50°26'32" E a distance of 96.69' to a capped pin set;
S 66°35'36" E a distance of 591.30' to a capped pin set;
S 30°28'41" E a distance of 1,351.07' to the point of beginning containing 47.18 Acres (2,055,005 SF) more or less as per a survey by RM Johnson Engineering completed on February 21, 2023.

Site maps are included in [Appendix A](#).

3.0 User Provided Information

User provided information is intended to help identify the possibility of recognized environmental conditions in connection with the subject 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 Commonwealth of Kentucky is identified as the user of this ESA. The Commonwealth of Kentucky intends to receive this property as a donation and redevelop, in conjunction with nonprofit organizations, it as a "high grounds" housing location for victims of flooding in Kentucky. A tentative site plan is drawn on the plat map and is included in [Appendix D](#).

3.1 Title Records

Campbell, Rodgers & Stacy PLLC, on behalf of the Finance and Administration Cabinet, conducted a title search of the subject site. The Title Opinion is attached as [Appendix E](#); please note that the title opinion may include more lands owned by MRI Properties Inc. than just the subject site. According to the Perry County Clerk, the subject property is owned by MRI Properties Inc. The current deed is dated May 11, 2021 and is recorded in Deed Book 415 page 157 of the Perry County Clerk's office, specifically tracts 1, 2, 4 and 20 therein for a period ending February 24, 2023.

3.2 Environmental Liens or Activity and Use Limitations (AULs)

No environmental liens or activity use limitations were found on the subject property. However, easements identified in the title search conducted by Campbell, Rodgers & Stacy PLLC for the subject property include:

- Power line easement from MRI Properties Inc. to Kentucky Power Company dated April 14, 2022, of record in Deed Book 422, Page 528. Location is not detailed.
- Pipeline easement from Roy Campbell to Cut Through Hydrocarbon dated April 26, 2007, of record in Deed Book 331, Page 67.
- Pipeline easement from Kentucky Mountain Partners to West Bay Exploration Company dated March 11, 2002, of record in Deed Book 292, Page 347 conveying a 30-foot pipeline right of way.
- Possible gas meter site easement. Kentucky Mountain Partners entered into a Meter Site Agreement with Kentucky and West Virginia Gas Co. Dated March 11, 2002, of record in Deed Book 292, Page 350 conveying a gas meter site easement. Said agreement contains no description of the property or back reference. Therefore, determining if the easement is on the subject property or another property is not possible.
- The property is subject to a Coal Lease from Maude Stollings and the Arnold Stollings heirs to Reeves Coal Company Inc. Dated May 1, 1975, and of record in Lease Book 21, Page 317. Said Lease is for an initial term of two years, with a possible extension of 3 years, and thereafter for so long as coal is mined from the property.
 - Curative Action. Either a release executed and recorded of record releasing the Lease, or verification that the property is not being mined for coal.
- Possible power line easement. Tug Baker and Elizabeth Baker granted a power line easement across the parent tract to the property to Kentucky and West Virginia Power Company by Deed dated September 16, 1946, of record in Deed Book 90, Page 325. The parent tract was larger than this subject tract. Therefore, determining if the easement is on the subject property or the remainder of the parent tract is not possible.
- Cell tower engine access easement. AT&T was granted access to a 12-foot-wide tract of land to be used as an access easement. The location is detailed in the plat map associated with the current deed.

3.3 Specialized Knowledge

No previous Environmental Site Assessments were provided for this property. However, the EEC Division of Waste Management did conduct a limited site screening during January 2023 involving collecting soil samples and testing them for metals. During this screening, three samples were collected from the subject site and four samples were collected immediately adjacent to the subject site. The samples were tested for concentrations of metals. None of the sample results warranted regulatory action. The Skyview Former Mine Site Investigation Report is included as [Appendix F](#).

4.0 Records Review

4.1 Physical Setting Sources

An electronic database search of files maintained by the U.S. EPA and the Kentucky Department of Environmental Protection (KDEP) was conducted by EDR on April 27, 2023 to evaluate the regulatory history of the subject property and surrounding properties. The search of standard federal and state regulatory agency databases was conducted to identify listings for the subject property and adjoining properties and to evaluate sites within applicable ASTM E1527-21 and AAI defined search radii that

could cause actual or potential environmental impacts. EEC personnel conducted additional searches. Information used in evaluating the subject property include the following sources:

- USGS 7.5 Minute Geologic Quadrangle Map, Krypton, Hyden East, Hazard North, and Hazard South, KY Quadrangles;
- Kentucky Department for Environmental Protection: TEMPO Database;
- United States Department of Agriculture, Natural Resources Conservation Service;
<http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>;
- US Fish and Wildlife Service National Wetlands Inventory:
<https://www.fws.gov/wetlands/Data/Mapper.html>;
- Environmental Data Resources, Inc. (EDR) EDR Radius Map™ Report with GeoCheck;
- EDR Certified® Sanborn Map Report;
- EDR Historical Topo Map Report;
- EDR Aerial Photo Decade Package;
- EDR City Directory Report.

4.2 Site Vicinity and General Characteristics

The site is located off the Hal Rodgers Parkway, at the end of Skyview Lane in Hazard, Perry County, Kentucky. The site is largely undeveloped – hilly with vegetation and a pond located on the northern end of the site. In addition, there is a cell tower engine on the northwest corner of the property.

4.3 Soil

The subject property is located in a mixed-use area approximately 5 miles from Hazard, KY. Information for the soil in the area was obtained from the United States Department of Agriculture (USDA) Web Soil Survey. According to the database, there are five types of soils present on-site that are summarized in the table below. The dominant soil type for the subject property is Fairpoint and Bethesda soils. A soil map of the site is located in [Appendix A](#).

Map Unit Symbol	Map Unit Name	Acres in Area of Interest (AOI)*	Percent of AOI
FaB	Fairpoint soils, undulating	14.4	11.7%
FaF	Fairpoint and Bethesda soils, 2 to 70 percent slopes, benched, stony	94.7	76.9%
uShgF	Shelocta- Highsplint- Gilpin complex, 20 to 70 percent slopes, very stony	0.7	0.5%
uUduE	Udorthents- Urban land- Rock outcrop complex, 0 to 35 percent slopes	11.6	9.4%
DLF	Matewan- Marrowbone- Latham complex, 20 to 80 percent slopes, very rocky	1.8	1.5%

* Please note that the area of interest is based on the previous parcel boundaries and not the new parcel boundary surveyed in February 2023 so additional acreage is included in the table.

The US Fish and Wildlife Service’s National Wetlands Inventory does not indicate wetlands areas on the property. However, it does list a 0.51 acre freshwater pond on the property adjacent to the southwest.

4.4 Geology

According to the Kentucky Geological Survey, two main geologic units make up the subject site: the Four Corners formation (Pfc) and the Princess formation (Ppr). The top 0-40 feet of the Four Corners formation is alluvium primarily made up of silt, sand, and lesser amounts of silty clay and pebble- to cobble-sized gravel. This is underlain by primarily coal beds. Coal beds present include the following: the Knob coal zone, the Hindman Coal bed, Francis coal bed, Hazard coal beds, Haddix coal bed, Hamlin coal zone, Fire Clay coal beds, Whitesburg coal beds, and the Amburgy coal bed. The Princess formation is topped with 0-20 feet of alluvium, consisting of sand, silt, clay, and gravel along larger streams. It is underlain by multiple unnamed coal beds, as well as the following coal beds: Hindman, Francis, Hazard, Haddix, Copland, Hamlin, Fire Clay, Whitesburg, and Amburgy.

4.5 Groundwater

This property does not currently have potable water service available from local utilities. A water and sewer expansion project is slated for completion in August 2023.

There is a record of one residential use well on the site but very little information about it is available. There are records of two domestic use wells on the adjacent properties to the northwest. More information about these wells is listed below.

Domestic Use Wells						
AKGWA #	Name	Status	Condition	Latitude	Longitude	On-site?
60002431	Not Reported	Not Reported	Not Reported	37.250556	-83.268889	Yes
00062760	Jeff & Bethel Baker	Active	Functioning Properly	37.254444	-83.274167	No, adjacent
00037492	Willard Turner	Active	N/A	37.254167	-83.275000	No, adjacent

There is a record of one oil and gas well on site but little information in available about it. The information that is available is listed in the table below.

Oil and Gas Wells							
KGS Record and Permit #	Original Farm/Lease Name	Original Operator	Bore Type	How Completed	Plug Date	Lat.	Long.
Record 16154, Permit 34703	Ellison, R, Etal	Controlled Resources Oil & Gas	Con-ventional vertical well bore	Terminated (permit expired or cancelled)	Not Reported	37.252 649	- 83.269 349

The Division of Oil and Gas was contacted for more information on this well. According to the KDOG state well database, the referenced Permit 34703 in Perry County was a well permit issued on May 22, 1979, to Controlled Resources Oil and Gas Corp. But the permit expired, and the well was never drilled.

4.6 Standard Environmental Records Review

The services of Environmental Data Resources, Inc. (EDR) were used by the EEC to review the required federal and state databases for records regarding possible hazardous material handling, spills, storage, production, or remediation at the Property or in the vicinity areas of the subject property that could constitute a recognized environmental condition.

4.7 EDR Radius Map™ with GeoCheck®

The regulatory database search included an EDR Radius Map™ with GeoCheck®. A copy of the report is included in [Appendix B](#), and a summary of the findings is listed in the table below.

Regulatory Database	Minimum Search Distance	Property Listed	# of Sites Listed
Federal National Priority List (NPL)	1 mile	no	0
Federal De-listed NPL	½ mile	no	0
Federal CERCLIS	½ mile	no	0
Federal CERCLIS NFRAP	½ mile	no	0
FEDERAL RCRA CORRACTS	1 mile	no	0
Federal RCRA non-CORRACTS TSD	½ mile	no	0
Federal RCRA Generators	¼ mile	no	0
Federal Institutional/ Engineering Control Registry	½ mile	no	0
Federal ERNS	¼ mile	no	0
State CERCLIS	1 mile	no	0
State Hazardous Waste Site	1 mile	no	0
State Solid Waste Disposal Sites	½ mile	no	0
State Leaking Storage Tank Lists	½ mile	no	0
State Registered Storage Tank Lists	¼ mile	no	0
State Institutional/Engineering Control Registry	½ mile	no	0
State Voluntary Cleanup Sites	½ mile	no	0
Federal/ State Brownfield Sites	½ mile	no	0
Records of Emergency Release Reports	¼ mile	no	0

The EDR Report did not identified any potential high-risk properties, such as manufactured gas plants, historic auto stations or historic cleaners within required search radii. It found no mapped sites within the search criteria. The target property itself was also not listed in any of the databases searched by EDR.

The fact that sites do or do not appear on a list does not necessarily indicate that an environmental concern exists. In addition, sites may not be mapped in a list search due to inaccuracy of owner/operator records, government records, or errors occurring during conversion of the data by informational sources. A copy of the EDR Radius Map™ Report with GeoCheck® is included in [Appendix B](#).

4.8 Topographic Maps

Historical topographic maps provide information related to the land configuration such as elevation, ground slope, surface water, buildings, and other land features. A search for historical topographic maps of the subject property and surrounding area was conducted by EDR and provided to the DWM in a Historical Topographic Map Report dated April 27, 2023. Topographic Maps were provided for various years between 1891 - 2019. A copy of the report is included in [Appendix B](#) and summarized as follows:

Year(s)	Topographic Map Observation
1891	There is no observable development on or around the subject property
1913, 1914, 1916	Subject Property: There is not an available map for the southern half of the subject property. On the northern half of the subject property, Willard Creek terminates midway through the property and a road follows the creek laterally. There are not any observable structures on site. Surrounding Properties: A couple buildings are depicted on surrounding properties to the north, west, and east.
1916	There is not an available map for the northern half of the subject property, no observable development on southern half of property.
1919	There is not an available map for the northern half of the subject property; no observable development on the southern half of the property. Willard Creek flows to the south on the subject site.
1954	Four buildings and a road are depicted on the subject site; Willard Creek flows through the property laterally and terminates on-site.
1961	Four buildings and a road are depicted on site, as well as a mine entrance. Willard Creek is now depicted as an intermittent stream.
1972	There is not an available map for the southern half of the subject property; there is not observable development on the northern half of the property. Willard Creek terminates on the northernmost tip of the subject site.
1980	There is not an available map for the northern half of the subject site; the southern half of the site does not depict development. There is a gas well and mine located on the adjacent area to the west.
2013	There is no development depicted on or around the subject site. Willard Creek terminates on the northernmost tip of the subject site.
2016	There is no development depicted on or around the subject site. A pond is depicted near the northernmost tip of the subject site.
2019	There is no development depicted on or around the subject site. A pond is depicted near the northernmost tip of the subject site.

4.9 Aerial Photographs

Aerial photographs can provide a general idea of the activity in the area. However, they can only represent the site at the time which they were taken and may not be an accurate representation for longer periods of time. A search for aerial photographs of the subject property was conducted by EDR and provided to the EEC in an Aerial Photo Decade Package dated April 28, 2023. Photos were provided for years from 1953 to 2020. A copy of the EDR Aerial Photo Report is included in [Appendix B](#) and a summary is presented in the following table.

Year	Aerial Photograph Observation
1953	The image is not very clear and was not georeferenced, so the exact site location is unknown. The area does not appear to be developed other than a couple of roads.
1960	The image is not very clear and was not georeferenced, so the exact site location is unknown. The area does not appear to be developed other than a couple of roads.
1977	The image is not very clear but the outer perimeter of the subject site appears to be wooded and the center of the property cleared. There are no discernable structures.
1988	The image was not georeferenced, and the exact site location is unknown. The area appears to be largely covered in vegetation and have a rocky terrain. A couple roads are visible.
1995	A majority of the site appears to be cleared of vegetation. There are several roads on site but no observable structures.
2008	There is a pond on the northern end of the site. The eastern side of the property is largely wooded, and the remainder of the site is mostly cleared with grasses. There is a main road which loops around the property and some smaller connecting roads. There are no observable structures.
2012	There is a pond on the northern end of the site. The northeastern corner of the property is wooded, and the remainder of the site is mostly cleared with grasses. There is a main road which loops around the property. There are no observable structures on site but there is a building immediately adjacent to the property to the north.
2016	There is a pond on the northern end of the site but appears to be mostly dry. The eastern edge of the property is wooded, and the remainder of the site is mostly cleared with grasses and shrubs. There is a main road which loops around the property. There are no observable structures on site but there is a building immediately adjacent to the property to the north.
2020	There is a pond on the northern end of the site. The northeastern corner of the property is wooded, and the remainder of the site is mostly cleared with grasses and shrubs. There is a main road which loops around the property. There are no observable structures on site but there is a building immediately adjacent to the property to the north.

4.10 Sanborn Fire Insurance Maps

A search for Sanborn fire insurance maps for the subject property and surrounding area was conducted by EDR and provided to EEC in a Certified Sanborn® Map Report dated April 27, 2023. The Certified Sanborn Results indicate that the complete holdings of the Sanborn Library, LLC collection were searched and based on the target property information; fire insurance maps covering the target property were not found. A copy of the certified Sanborn map report is provided in [Appendix B](#).

4.11 City Directories

A search of historical city directories for the subject property and adjacent properties was conducted by EDR and provided to EEC in an EDR City Directory Abstract dated May 2, 2023. The City Directory did not find any cross streets listed in the sources, or any images. It did find a record from 2017 “764 The Body Shop” located on Hal Rodgers Parkway. No other information was provided, and it is assumed that this is a nearby business. A copy of the EDR City Directory Report is included in [Appendix B](#).

5.0 Site Reconnaissance

As part of a Phase I ESA, an onsite investigation, or site reconnaissance, is performed in an effort to identify recognized environmental conditions. Sarah Yount, Ken Logsdon, and Jean Weaver of the EEC Division of Waste Management conducted site reconnaissance on May 10, 2023. The property owner, MRI Properties Inc. represented by Paul Ison, granted access to the property via a signed Right of Entry Consent form dated January 20, 2023.

5.1 Site Reconnaissance Methodologies

The purpose of the site reconnaissance was to gather information regarding the environmental condition of the subject property and surrounding areas. The reconnaissance consisted of a visual observation of the subject property and the adjacent property containing Frontline Ministries. Other adjacent properties were observed as viewed from the subject property and surrounding streets. No buildings exist on the property. Most areas of the property were accessible but highly vegetated. Some of the tall and harsh vegetation (thorns) limited access to a few areas of the site.

Photographs of the property and adjacent properties taken during the site reconnaissance are included in [Appendix C](#).

5.2 Current Property Use

Currently the property is vacant land, with the exception of the cell tower engine, and does not have an official use.

5.3 Current Use of Adjacent Properties

Adjacent properties currently have varying uses. One adjacent property is largely surrounded by the subject property, and it is used as a church called Frontline Ministries. This property also has a residence on-site. Other adjacent property uses appear to be largely vacant land except for a cemetery (Fields Cemetery) and some residential use.

5.4 Past Property Uses

Campbell, Rodgers & Stacy PLLC, on behalf of the Finance and Administration Cabinet, conducted a title search of the subject site. This included copies of the deeds for the property. EEC personnel reviewed the deeds back to 1940. The table on the next page shows a summary of the approximate historical ownership of the subject property.

Please note that Paul Ison is the president of both Mt. View Inc. and MRI Properties Inc. And the companies may sometimes be used interchangeably. According to the Perry County Clerk, the subject property is owned by MRI Properties Inc. The current deed is dated May 11, 2021, and is recorded in Deed Book 415 page 157 of the Perry County Clerk's office, specifically tracts 1, 2, 4 and 20 therein for a period ending February 24, 2023, when the new parcel boundary was surveyed. Tract 1 covers most of the subject property and only the deed search for it is included in this assessment.

Tract 1			
Dates	Grantor	Grantee	Deed Book/ Page Number
10/14/2021	MRI Properties Inc.	Mtn. View Inc.	418/267
6/7/2021	Roy Campbell Estate	Mtn. View Inc.	415/538
5/11/2021	Roy Campbell Estate	MRI Properties Inc.	415/157
3/14/2003	Ronald and Mary Elizabeth Deaton, Kentucky Mountain Partnership Inc.	Roy Campbell	298/602
1/14/2003	Kentucky Mountain Partnership Inc.	Roy Campbell	297/550
5/31/1996	Kentucky Mountain Partnership, a partnership	Kentucky Mountain Partnership Inc.	258/328
4/14/1989	R&W Land Company Inc.	Kentucky Mountain Partnership	221/101
12/19/1986	Ronald and Mary Deaton, Winfred and Edna J. Smith	R&W Land Company Inc.	212/448
10/3/1983	Herman and Marilyn Colwell	Ronald Deaton and Winfred Smith	197/9
8/2/1980	Maude Stollings	Herman Colwell	183/481
8/23/1976	Emma and Silas Hogg, Rufus and Thelma Stollings, Inis and Woodson Begley, Catherine and Charlie Duff, Gary and May Belle Stollings, Larry Dean Stollings, Benny Stollings (Arnold Stollings heirs)	Maude Stollings	169/603
2/4/1957	Tug and Elizabeth Baker	Arnold and Maude Stallings	115/387
5/4/1942	Bob and Presilla Williams	Tug and Elizabeth Baker	78/280

Based on the historic topographical maps, there was mining on or around the subject property in the 1960s and 1980s.

5.5 Past Uses of Adjacent Properties

The adjacent property containing Frontline Ministries show the presence of the church since at least 2013 based on historical aerial imagery from Google Earth. Based on historical imagery from Google Earth, an interview with the property owner Paul Ison, the EDR Historical Topo Map Report, and the EDR Aerial Photo Decade Package past uses of the other adjacent property have mostly been mine lands, vacant lands, and a residence.

5.6 Descriptions of Structures, Roads, and Other Improvements

The subject property is located at Skyview Lane in Hazard, KY. The PVA office lists the site address as “off Daniel Boone Parkway.” The property is surrounded by mixed-use (residential, commercial, church, cemeteries) properties. There is one main access to the property from Skyview Lane, off of Briar Fork Circle Road (close to Hal Rodgers Parkway). No permanent structures were observed on the property. A gravel road loops around the perimeter of the property. Some smaller, less maintained, dirt/grass roads

to the south of the property connect with this main loop. The “main loop” road ends at the northwestern corner of the property where the cell tower engine is located.

5.7 Site Observations

There are no structures on the site. The gravel road is fairly cleared and maintained. There is a gate located about midway down the eastern side of the gravel road. It is locked with a chain and padlock. The gate has a sign on it stating the following:

Vertical bridge
Site Name: Couchtown KY
Site Number: US-KY-5134
FCC Tower ID: 1319654

The sign also had some contact information below this and stated, “no trespassing.” It is believed this sign is in relation to the cell engine tower on-site.

The subject site is hilly with a slightly rocky terrain. There is a lot of grown-up shrubby vegetation. There are some large trees on site, but a vast majority of the vegetation is shrubs and grasses. Some areas have blackberry thickets with lots of thorns which make them very difficult to trek.

5.8 Underground Storage Tanks (USTs) and Aboveground Storage Tanks (ASTs)

No indications of USTs or ASTs were observed during the site visit on May 10, 2023. No records stating that there were USTs or ASTs on site have been found.

5.9 Hazardous Substances/Waste and Petroleum Products

No hazardous waste or petroleum products were observed onsite during the site investigation. There are records of previous mining activities but none of the records indicate that the mining used or produced hazardous substances/wastes and/or petroleum products in ways or quantities which warrant regulatory action.

5.10 Odors

No petroleum odors were noticed on the subject property during the site reconnaissance.

5.11 Pits, Ponds, and Lagoons

One pond was observed in aerial imagery on-site and its presence was confirmed during the site reconnaissance. The water color of the pond looked normal and there were no odors or distressed vegetation observed surrounding the pond.

5.12 Stained Soil/Pavement

No evidence of stained soil or pavement was observed during the site reconnaissance.

5.13 Wastewater

No evidence of process wastewater discharge into a drain, ditch, or stream was observed on the property. No records of sewer service or septic systems on the subject property were found during research.

5.14 Wells

There is a record of one oil well and one domestic use well on-site. Available information about them is listed on the next page. Wells on adjacent sites were not investigated.

Domestic Use Well					
AKGWA #	Name	Status	Condition	Latitude	Longitude
60002431	Not Reported	Not Reported	Not Reported	37.250556	-83.268889

Oil and Gas Well							
KGS Record and Permit #	Original Farm/Lease Name	Original Operator	Bore Type	How Completed	Plug Date	Lat.	Long.
Record 16154, Permit 34703	Ellison, R, Etal	Controlled Resources Oil & Gas	Conventional vertical well bore	Terminated (permit expired or cancelled)	Not Reported	37.252649	-83.269349

During the site reconnaissance, the coordinates for the two wells were inputted in a GPS unit and the areas were investigated with a metal detector. EEC personnel made it about 10 meters (per the GPS unit) from the coordinates for the domestic use well. At that point, the terrain had a steep decline. Personnel attempted to climb down to the coordinate location but thick vegetation with a lot of thorns prevented them from reaching the location. The area accessible up to this point was screened with the metal detector but nothing was found. EEC personnel were also unable to reach the coordinates for the oil well. They made it within 15 meters of the coordinate location and then the area was under water. It was later determined that the oil well was never drilled and does not exist.

5.15 Septic Systems

No evidence of septic systems was observed during the site visit. The property owner, Paul Ison, was unaware of a septic tank ever being at the subject property.

6.0 Interviews

Interviews were conducted with persons familiar with the subject property in order to obtain information regarding the presence or possible presence or recognized environmental conditions in connection with the subject property.

6.1 Current Property Owner

The current property owner is MRI Properties Inc., represented by Mr. Paul Ison. Mr. Ison was interviewed via phone call on May 8, 2023. Mr. Ison completed an owner questionnaire by phone and his answers are consistent with information found during historical document review. Some of his answers to the user questionnaire including the following:

- When asked how long he has owned the property, Mr. Ison stated that he obtained the property “in the early 2000s” and has had it “for about 20 years.”
- Prior property use was “strip mining” and before that Mr. Ison confirmed that it was vacant land.
- When asked about adjacent property uses, Mr. Ison said that he “thought the whole area had been used for mining.”

- He was not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, at, or from the subject property.
- He was not aware of any administrative proceedings relevant to hazardous substances or petroleum products in, on, at, or from the subject property.
- He was not aware of any government notices regarding to violation of environmental laws relevant to hazardous substances or petroleum products in, on, at, or from the subject property.
- Mr. Ison stated that he “didn’t think that there had ever been a building on the site” and in relation confirmed that there was not a septic tank or storage tank on-site.
- When asked about the pond on-site, Mr. Ison did say that he believed “it is related to the mining” and not naturally occurring.

6.2 State Government Representative

Courtney Skaggs, an Environmental Scientist Consultant Senior in the Commissioner's Office for the Department of Natural Resources (DNR), was interviewed as a state government representative for the site. Working in the DNR, Ms. Skaggs is familiar with the past mining uses of the property. When asked to elaborate on the history of mining at the site, she had the following response:

“The Skyview project area was initially permitted under the Surface Mining Control and Reclamation Act of 1977 (SMCRA) by the Commonwealth of Kentucky, Department for Natural Resources (DNR) on July 2, 1997. The DNR is the state primacy agency with the regulatory authority for permitting, inspection and enforcement authority under SMCRA. The initial permit issuance to Leslie Resources, Inc., permit no. 897-0396 resulted in two (2) transfer applications due to ownership and control changes. The first transfer of rights was issued to LCC Kentucky LLC, permit no. 897-0466 on September 1, 2005 and the second transfer of rights to Revelation Energy, LLC, permit no. 897-0563 on October 22, 2012. The permittee successfully reclaimed the permit area and was granted Phase III release on March 6, 2014.”

Ms. Skaggs was asked if the pond on-site has any relation to the previous mining activities. She responded that “[t]he SMCRA permit is released from our jurisdiction. If there is a pond remaining, then it would have been made a permanent facility upon the request of the landowner. When asked if she was aware if the mining activities related to hazardous substances in any way, Ms. Skaggs stated that she is not aware of any hazardous substances related to the mining of this property.

Ms. Skaggs was also asked about the record of a gas well on-site. She referred the environmental professional to contact Denis Hatfield, Director of the Kentucky Division of Oil and Gas, about the matter. Information gathered from Mr. Hatfield is listed in section 4.5 Groundwater above.

6.3 Adjacent Property Representative

The adjacent property, which is almost entirely surrounded by the subject property, contains Frontline Ministries and a residence. James Madden occupies the residence and was interviewed about the subject property. Mr. Madden also granted verbal access to walk around the adjacent property. Mr. Madden was asked if he was aware of the user’s intent to redevelop the subject property for housing, Mr. Madden stated that he was. Mr. Madden was not aware of any wells on the subject property. Mr. Madden did have comments about drainage issues on the adjacent property. The western side of the adjacent property, especially the southwest corner, appears to have drainage issues evidenced by standing water and the presence of bulrushes, a wetland plant. The issue is great enough that Mr. Madden said he would likely need to move his residence, which is a mobile home. Mr. Madden stated

that he had spoken to the “Department of Mines and Minerals” about the issue, and they said they would try to address it.

7.0 Evaluation

The EEC has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of the property located on Skyview Lane in Hazard, KY. Any exceptions to, or deletions from, this practice were described in this report. The assessment did not find evidence of Recognized Environmental Conditions (REC) in connection with the property.

7.1 Findings

Through this environmental assessment and records review, it was determined that the property has largely been unused except for some mining purposes. There was no indication found that the previous mining activities had any relation to hazardous substances or petroleum products. In addition, the mining permit had a Phase 3 release in 2014. This aspect is seen as complete from a regulatory standpoint and therefore is not considered a recognized environmental condition (REC).

There is a record of one domestic use well on-site but there are no plugging records; it was not found during the site reconnaissance so there is the possibility that it exists on-site. However, due to the inability to reach the coordinate location recorded for the well, it is likely unused if it does still exist.

There is a record of one oil or gas well on-site. EEC personnel were unable to go to the coordinate location recorded for the well during the site reconnaissance due to it being under water. It was later determined that the permit for the well expired and it had never been drilled.

There is a pond on the northern end of the property. It may have had relation to the previous mining activities but should have had all necessary remediation and is now a permanent site feature. No issues relating to the pond were identified during the site reconnaissance.

Based on this information, no recognized environmental conditions (RECs), HRECs, or CRECs were identified for the site during this assessment.

7.2 Business Environmental Risks (BER)

The property is largely undeveloped; supplying the necessary utilities and creating appropriate property access may incur additional costs.

Radon is not within the scope of this assessment. However, the site is listed in the 0.0 - 2.7 pCi/L radon potential range based on rock type. EPA suggested radon action level is 4.0 pCi/L or greater, and the World Health Organization suggested action level is 2.7 pCi/L or greater. Radon testing may be necessary for site development which could incur additional costs.

7.3 Opinions

Based on the history of the property and documents reviewed, it is unlikely that the property has contamination remaining on site that warrants regulatory action at this time.

7.4 Conclusions

EEC performed a Phase I ESA in conformance with the scope and limitation of ASTM Practice E1527-21 at the site located at the end of Skyview Lane, Hazard, Kentucky. Any exceptions to or deletions from, this practice are described in Section 7.6 of this report. This assessment did not reveal recognized environmental conditions in connection with the property as described above. Further environmental assessments are not recommended at this time with the exception of assessments (such as geotechnical or radon) that may be related to future property development.

7.5 Additional Investigations

This assessment and review of current and historical information has not revealed evidence of Recognized Environmental Conditions. At this time, it is the opinion of the Environmental Professional that additional environmental assessment is not necessary. However, rocky terrain was observed at the site and a geotechnical survey may be necessary before there is further site development.

7.6 Deletions and Exceptions

No exceptions to, or deletions from, ASTM Practice 1527-21 were noted in the preparation of this report.

8.0 Non-Scope Services

The presence of asbestos containing materials, mold, lead-based paint and other biological agents are not part of the ASTM Practice 1527-21 and are beyond the scope of this report. As no permanent structures were observed on-site, it is unlikely that there is a vessel for these materials.

Per- and Polyfluorinated Substances (PFAS) are considered emerging contaminants and are not within this scope of work.

Radon is not within the scope of this assessment.

9.0 Signature of the Environmental Professional

I, Kenneth Logsdon, declare that, to the best of my professional knowledge and belief, I meet the definition of an Environmental Professional as defined in 40 CFR 312.0. I possess sufficient specific education, training and experience necessary to exercise professional judgement to develop opinion and conclusion regarding conditions indicative of releases or threatened releases on, at, in, or to the subject property. I have developed and performed all the appropriate enquires in conformance with the standards and practices set forth in 40 CFR Part 312.



May 16, 2023

Kenneth Logsdon, P.G.
Registered Geologist Supervisor
Petroleum Cleanup Section
Superfund Branch

Date

10.0 References

- Kentucky Environmental and Public Protection Cabinet. Kentucky Department for Environmental Protection TEMPO Database.
- U.S. Department of Agriculture, Natural Resources Conservation Service Web Soil Survey:
<https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>
- Kentucky Geological Survey, Kentucky Geologic Map Information Service:
<https://kgs.uky.edu/kygeode/geomap/>
- Kentucky Geological Survey, Kentucky Groundwater Repository Data:
<https://kgs.uky.edu/kgsmmap/KGSWater/viewer.asp>
- Kentucky Geological Survey, Radon Potential Map: <https://www.uky.edu/KGS/radon/>
- US Fish and Wildlife Service National Wetlands Inventory
<https://www.fws.gov/wetlands/Data/Mapper.html> Environmental Data Resources, Inc.
- The EDR Radius Map™ Report with GeoCheck®, Skyview Site – Perry County, Hal Rodgers Parkway, Hazard, KY 41701. Inquiry Number: 7321455.2s. April 27, 2023.
- Environmental Data Resources, Inc. Certified Sanborn Map Report, Skyview Site – Perry County, Hal Rodgers Parkway, Hazard, KY 41701. Inquiry Number: 7321455.3. April 27, 2023.
- Environmental Data Resources, Inc. EDR Historical Topo Map Report, Skyview Site – Perry County, Hal Rodgers Parkway, Hazard, KY 41701. Inquiry Number: 7321455.4. April 27, 2023.
- Environmental Data Resources, Inc. EDR City Directory Image Report, Skyview Site – Perry County, Hal Rodgers Parkway, Hazard, KY 41701. Inquiry Number: 7321455.5. May 2, 2023.
- Environmental Data Resources, Inc. EDR Aerial Photo Decade Package, Skyview Site – Perry County, Hal Rodgers Parkway, Hazard, KY 41701. Inquiry Number: 7321455.8. April 28, 2023.

Personal Interviews

- A. Paul Ison (representative of MRI Properties Inc.), owner of the subject property
- B. Courtney Skaggs, (Environmental Scientist Consultant Senior in DNR’s Commissioner's Office) state government representative
- C. James Madden, adjacent property resident

Appendices

- A. Site Maps
- B. Historic Documents
 - i. EDR Radius Map Report™ with GeoCheck®
 - ii. EDR Certified Sanborn® Map Report
 - iii. EDR Historical Topo Map Report
 - iv. EDR Aerial Photo Decade Package
 - v. EDR City Directory
- C. Property Photographs
- D. Plat Map
- E. Corrective Action Completion Report
- F. Skyview Former Mine Site Investigation Report
- G. Qualifications

Appendix A

Site Maps

Skyview Former Mine Site

Parcel IDs: 063-00-00-063.00 and 064-00-00-006.0

Legend

- AKGWA# 60002431
- 📍 Fields Cemetery
- 📍 Frontline Ministries
- ▭ Parcel Boundaries

William Baker Ln

Skyview Ln

9006

Frontline Ministries

Domestic Well ○

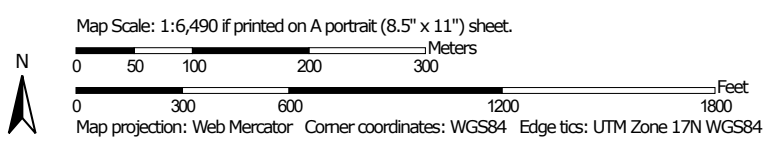
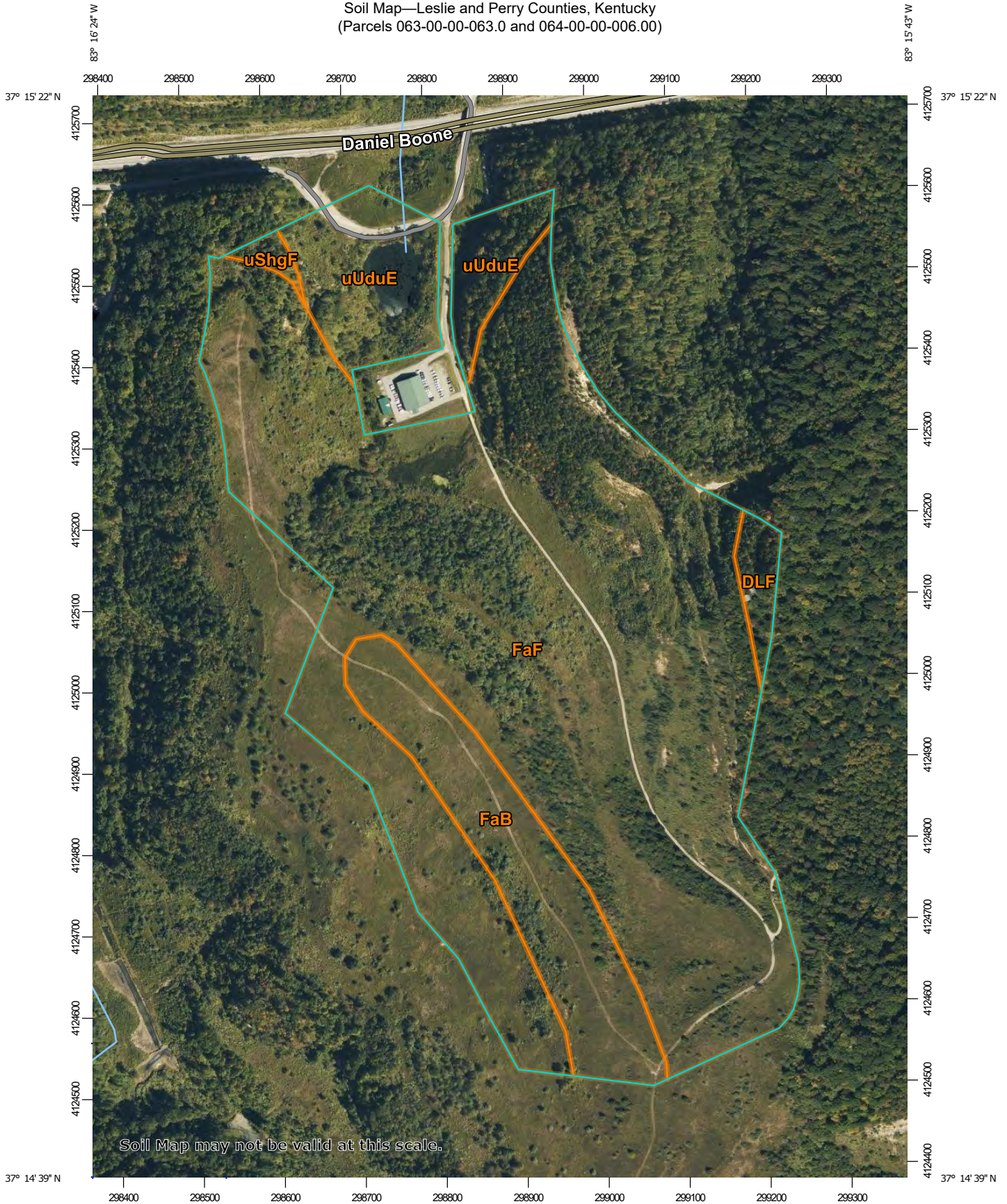
Fields Cemetery

Google Earth



2000 ft

Soil Map—Leslie and Perry Counties, Kentucky
 (Parcels 063-00-00-063.0 and 064-00-00-006.0)



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Leslie and Perry Counties, Kentucky
 Survey Area Data: Version 19, Sep 2, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Aug 29, 2019—Sep 15, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
DLF	Matewan-Marrowbone-Latham complex, 20 to 80 percent slopes, very rocky	1.8	1.5%
FaB	Fairpoint soils, undulating	14.4	11.7%
FaF	Fairpoint and Bethesda soils, 2 to 70 percent slopes, benched, stony	94.7	76.9%
uShgF	Shelocta-Highsplint-Gilpin complex, 20 to 70 percent slopes, very stony	0.7	0.5%
uUduE	Udorthents-Urban land-Rock outcrop complex, 0 to 35 percent slopes	11.6	9.4%
Totals for Area of Interest		123.1	100.0%

Appendix B

Historic Documents

Skyview Site - Perry County

Hal Rogers Parkway

Hazard, KY 41701

Inquiry Number: 7321455.2s

April 27, 2023

The EDR Radius Map™ Report with GeoCheck®



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

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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 (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

HAL ROGERS PARKWAY
HAZARD, KY 41701

COORDINATES

Latitude (North): 37.2524650 - 37° 15' 8.87"
Longitude (West): 83.2688910 - 83° 16' 8.00"
Universal Tranverse Mercator: Zone 17
UTM X (Meters): 298773.3
UTM Y (Meters): 4125088.5
Elevation: 1214 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	13082248 KRYPTON, KY
Version Date:	2019
Northeast Map:	13082236 HAZARD NORTH, KY
Version Date:	2019
Southeast Map:	13082238 HAZARD SOUTH, KY
Version Date:	2019
Southwest Map:	13046748 HYDEN EAST, KY
Version Date:	2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140707, 20140711
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
HAL ROGERS PARKWAY
HAZARD, KY 41701

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
--------	-----------	---------	-------------------	--------------------	----------------------------

NO MAPPED SITES FOUND

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 hazardous waste facilities

SHWS..... State Leads List

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Solid Waste Facilities List

Lists of state and tribal leaking storage tanks

PSTEAF..... Facility Ranking List
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
SB193..... SB193 Branch Site Inventory List

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
UST..... Underground Storage Tank Database
AST..... Above Ground Storage Tanks
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Controls Site Listing
INST CONTROL..... State Superfund Database

Lists of state and tribal voluntary cleanup sites

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

Lists of state and tribal brownfield sites

BROWNFIELDS..... Kentucky Brownfield Inventory

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycling Facilities
HIST LF..... Historical Landfills
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

EXECUTIVE SUMMARY

ODI..... Open Dump Inventory
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
CDL..... Clandestine Drug Lab Location Listing
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..... State spills

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
ABANDONED MINES..... Abandoned Mines
FINDS..... Facility Index System/Facility Registry System
DOCKET HWC..... Hazardous Waste Compliance Docket Listing

EXECUTIVE SUMMARY

ECHO.....	Enforcement & Compliance History Information
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 RCRA MANIFEST.....	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR.....	PFAS Contamination Site Location Listing
PFAS WQP.....	Ambient Environmental Sampling for PFAS
PFAS NPDES.....	Clean Water Act Discharge Monitoring Information
PFAS ECHO.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING.....	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT.....	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC.....	Aqueous Foam Related Incidents Listing
PFAS.....	PFAS Detections Site Listing
AIRS.....	Permitted Airs Facility Listing
ASBESTOS.....	Asbestos Notification Listing
COAL ASH.....	Coal Ash Disposal Sites
DRYCLEANERS.....	Drycleaner Listing
Financial Assurance.....	Financial Assurance Information Listing
LEAD.....	Environmental Lead Program Report Tracking Database
NPDES.....	Permitted Facility Listing
UIC.....	UIC Information
PFAS TRIS.....	List of PFAS Added to the TRI
MINES MRDS.....	Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF.....	Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

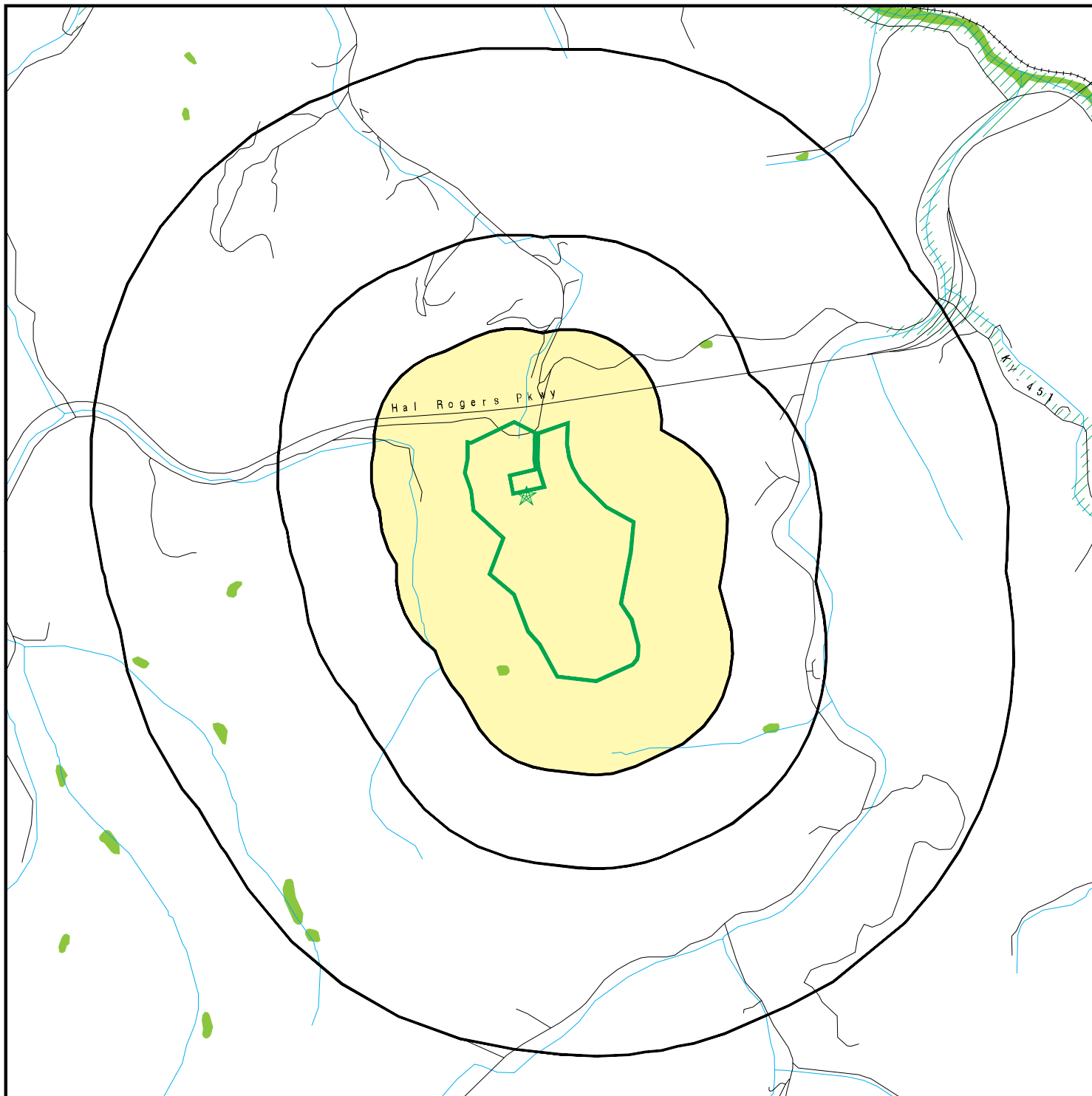
Surrounding sites were not identified.

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

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7321455.2S



Target Property

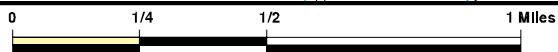
Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

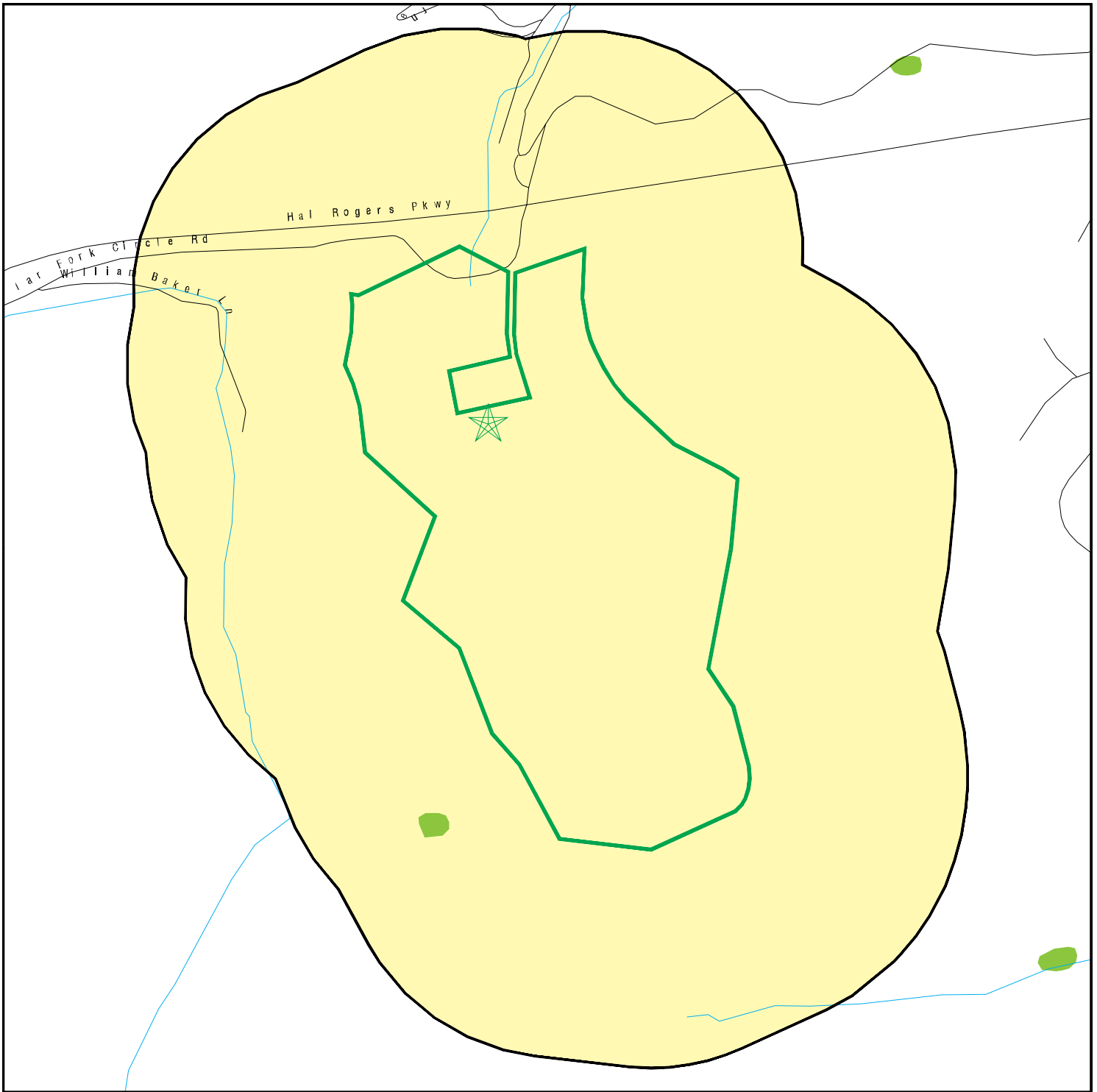









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.




SITE NAME: Skyview Site - Perry County
 ADDRESS: Hal Rogers Parkway
 Hazard KY 41701
 LAT/LONG: 37.252465 / 83.268891

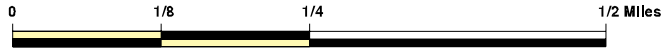
CLIENT: Kentucky Division of Compliance
 CONTACT: Derek Bozzell
 INQUIRY #: 7321455.2s
 DATE: April 27, 2023 4:24 pm

DETAIL MAP - 7321455.2S



-  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
-  National Wetland Inventory
-  State Wetlands



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: Skyview Site - Perry County
 ADDRESS: Hal Rogers Parkway
 Hazard KY 41701
 LAT/LONG: 37.252465 / 83.268891

CLIENT: Kentucky Division of Compliance
 CONTACT: Derek Bozzell
 INQUIRY #: 7321455.2s
 DATE: April 27, 2023 4:26 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
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
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
<i>Lists of state and tribal leaking storage tanks</i>								
PSTEAF	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
INDIAN LUST	0.500		0	0	0	NR	NR	0
SB193	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	0	NR	NR	NR	0
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>								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	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
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	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 RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
PFAS TP			NR	NR	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
COAL ASH	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
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
LEAD	0.001		0	NR	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0

- Totals --		0	0	0	0	0	0	0
-------------	--	---	---	---	---	---	---	---

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NO SITES FOUND

Count: 0 records.

ORPHAN SUMMARY

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/03/2023	Telephone: N/A
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 04/03/2023
Number of Days to Update: 25	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/02/2023	Telephone: N/A
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 04/03/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

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

Source: EPA
Telephone: N/A
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/20/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/28/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

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

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/02/2023	Telephone: 800-424-9346
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 04/03/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023	Source: EPA
Date Data Arrived at EDR: 03/09/2023	Telephone: 800-424-9346
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

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

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

Date of Government Version: 03/06/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2023	Telephone: (404) 562-8651
Date Made Active in Reports: 03/20/2023	Last EDR Contact: 03/09/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/02/2022	Source: Department of the Navy
Date Data Arrived at EDR: 11/08/2022	Telephone: 843-820-7326
Date Made Active in Reports: 01/10/2023	Last EDR Contact: 02/03/2023
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2022	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/16/2022	Telephone: 703-603-0695
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/21/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/12/2022

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 12/14/2022

Telephone: 202-267-2180

Date Made Active in Reports: 12/19/2022

Last EDR Contact: 03/21/2023

Number of Days to Update: 5

Next Scheduled EDR Contact: 07/03/2023

Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: State Leads List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 12/12/2022

Source: Department of Environmental Protection

Date Data Arrived at EDR: 12/15/2022

Telephone: 502-564-6716

Date Made Active in Reports: 03/09/2023

Last EDR Contact: 02/17/2023

Number of Days to Update: 84

Next Scheduled EDR Contact: 06/05/2023

Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Solid Waste Facilities List

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

Date of Government Version: 08/25/2022

Source: Department of Environmental Protection

Date Data Arrived at EDR: 10/24/2022

Telephone: 502-564-6716

Date Made Active in Reports: 01/12/2023

Last EDR Contact: 01/24/2023

Number of Days to Update: 80

Next Scheduled EDR Contact: 05/08/2023

Data Release Frequency: Semi-Annually

Lists of state and tribal leaking storage tanks

PSTEAF: Facility Ranking List

The Underground Storage Tank Branch (USTB) has ranked all PSTEAF reimbursable facilities requiring corrective action, in accordance with 401 KAR 42:290. Directive letters will be issued on the basis of facility ranking and available PSTEAF funding in sequential order as ranked. For example, Rank 2 facilities will be issued directives before Rank 3 facilities.

Date of Government Version: 12/01/2022

Source: Department of Environmental Protection

Date Data Arrived at EDR: 01/04/2023

Telephone: 502-564-5981

Date Made Active in Reports: 03/22/2023

Last EDR Contact: 04/04/2023

Number of Days to Update: 77

Next Scheduled EDR Contact: 07/17/2023

Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/19/2022

Source: EPA Region 1

Date Data Arrived at EDR: 12/06/2022

Telephone: 617-918-1313

Date Made Active in Reports: 03/03/2023

Last EDR Contact: 04/20/2023

Number of Days to Update: 87

Next Scheduled EDR Contact: 07/31/2023

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 11/26/2022	Source: EPA Region 4
Date Data Arrived at EDR: 12/06/2022	Telephone: 404-562-8677
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

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

Date of Government Version: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6271
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 11/23/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/06/2022	Telephone: 415-972-3372
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/23/2022	Source: EPA Region 6
Date Data Arrived at EDR: 12/06/2022	Telephone: 214-665-6597
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

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

Date of Government Version: 10/14/2022	Source: EPA, Region 5
Date Data Arrived at EDR: 12/06/2022	Telephone: 312-886-7439
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	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: 11/23/2022	Source: EPA Region 10
Date Data Arrived at EDR: 12/06/2022	Telephone: 206-553-2857
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 134	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SB193: SB193 Branch Site Inventory List

The inventory indicates facilities that have performed permanent closure activities at a regulated underground storage tank facility and have known soil and/or groundwater contamination.

Date of Government Version: 09/05/2006	Source: Department of Environmental Protection
Date Data Arrived at EDR: 09/13/2006	Telephone: 502-564-5981
Date Made Active in Reports: 10/18/2006	Last EDR Contact: 04/08/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/25/2016
	Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021	Source: FEMA
Date Data Arrived at EDR: 11/05/2021	Telephone: 202-646-5797
Date Made Active in Reports: 02/01/2022	Last EDR Contact: 03/29/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

UST: Underground Storage Tank Database

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: 11/08/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 11/16/2022	Telephone: 502-564-5981
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/22/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Quarterly

AST: Above Ground Storage Tanks

A listing of aboveground storage tank site locations.

Date of Government Version: 06/01/2021	Source: Office of State Fire Marshal
Date Data Arrived at EDR: 06/02/2021	Telephone: 502-564-4010
Date Made Active in Reports: 08/23/2021	Last EDR Contact: 02/02/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/05/2023
	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: 11/23/2022	Source: EPA Region 6
Date Data Arrived at EDR: 12/06/2022	Telephone: 214-665-7591
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 12/06/2022	Telephone: 913-551-7003
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/23/2022	Source: EPA Region 8
Date Data Arrived at EDR: 12/06/2022	Telephone: 303-312-6137
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/23/2022	Source: EPA Region 9
Date Data Arrived at EDR: 12/06/2022	Telephone: 415-972-3368
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/23/2022	Source: EPA Region 4
Date Data Arrived at EDR: 12/06/2022	Telephone: 404-562-9424
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/23/2022	Source: EPA Region 10
Date Data Arrived at EDR: 12/06/2022	Telephone: 206-553-2857
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 134	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/19/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 12/06/2022	Telephone: 617-918-1313
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/14/2022	Source: EPA Region 5
Date Data Arrived at EDR: 12/06/2022	Telephone: 312-886-6136
Date Made Active in Reports: 03/03/2023	Last EDR Contact: 04/20/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal institutional control / engineering control registries

ENG CONTROLS: Engineering Controls Site Listing

A listing of sites that use engineering controls.

Date of Government Version: 12/12/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/15/2022	Telephone: 502-564-6716
Date Made Active in Reports: 03/09/2023	Last EDR Contact: 02/17/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

INST CONTROL: State Superfund Database

A list of closed sites in the State Superfund Database. Institutional controls would be in place at any site that uses Contained or Managed as a Closure Option.

Date of Government Version: 12/12/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/15/2022	Telephone: 502-564-6716
Date Made Active in Reports: 03/09/2023	Last EDR Contact: 02/17/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/05/2023
	Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Sites

Sites that have been accepted into the Voluntary Cleanup Program or have submitted an application.

Date of Government Version: 01/09/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/11/2023	Telephone: 502-564-6716
Date Made Active in Reports: 03/29/2023	Last EDR Contact: 03/23/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 07/08/2021
Number of Days to Update: 27	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	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/17/2023
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Kentucky Brownfield Inventory

The Kentucky Brownfield Program has created an inventory of brownfield sites in order to market the properties to those interested in brownfield redevelopment. The Kentucky Brownfield Program is working to promote the redevelopment of these sites by helping to remove barriers that prevent reuse, providing useful information to communities, developers and the public and encouraging a climate that fosters redevelopment of contaminated sites.

Date of Government Version: 10/27/2022	Source: Division of Compliance Assistance
Date Data Arrived at EDR: 10/27/2022	Telephone: 502-564-0323
Date Made Active in Reports: 01/12/2023	Last EDR Contact: 04/05/2023
Number of Days to Update: 77	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/13/2023	Telephone: 202-566-2777
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 04/06/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 06/26/2023
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Facilities

A listing of recycling facilities located in the state of Kentucky.

Date of Government Version: 09/04/2020	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/14/2020	Telephone: 502-564-6716
Date Made Active in Reports: 01/04/2021	Last EDR Contact: 04/13/2023
Number of Days to Update: 82	Next Scheduled EDR Contact: 07/24/2023
	Data Release Frequency: Varies

HIST LF: Historical Landfills

This solid waste facility listing contains detail information that is not included in the landfill listing. A listing with detail information is no longer available by the Department of Environmental Protection.

Date of Government Version: 05/01/2003	Source: Department of Environmental Protection
Date Data Arrived at EDR: 03/30/2006	Telephone: 502-564-6716
Date Made Active in Reports: 05/01/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 32	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

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: 04/19/2023
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	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: 04/12/2023
Number of Days to Update: 137	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

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

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

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

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

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Lab Location Listing

Clandestine drug lab site locations.

Date of Government Version: 12/12/2022
Date Data Arrived at EDR: 12/15/2022
Date Made Active in Reports: 03/09/2023
Number of Days to Update: 84

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 02/17/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

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

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/02/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 12/13/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

SPILLS: State spills

A listing of spill and/or release related incidents.

Date of Government Version: 10/31/2022
Date Data Arrived at EDR: 11/02/2022
Date Made Active in Reports: 01/24/2023
Number of Days to Update: 83

Source: DEP, Emergency Response
Telephone: 502-564-2380
Last EDR Contact: 04/10/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

Other Ascertainable Records

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

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

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 11/01/2022
Date Data Arrived at EDR: 11/10/2022
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 91

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
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: 04/11/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 04/03/2023
Number of Days to Update: 574	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2023	Telephone: 615-532-8599
Date Made Active in Reports: 02/10/2023	Last EDR Contact: 02/02/2023
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/22/2023
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/13/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/14/2022	Telephone: 202-566-1917
Date Made Active in Reports: 03/10/2023	Last EDR Contact: 03/21/2023
Number of Days to Update: 86	Next Scheduled EDR Contact: 07/03/2023
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 01/30/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 02/03/2023
Number of Days to Update: 73	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EPA
Date Data Arrived at EDR: 06/14/2022	Telephone: 202-260-5521
Date Made Active in Reports: 03/24/2023	Last EDR Contact: 03/13/2023
Number of Days to Update: 283	Next Scheduled EDR Contact: 06/26/2023
	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.

Date of Government Version: 12/31/2021	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 202-566-0250
Date Made Active in Reports: 02/09/2023	Last EDR Contact: 02/16/2023
Number of Days to Update: 100	Next Scheduled EDR Contact: 05/29/2023
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/17/2023	Source: EPA
Date Data Arrived at EDR: 01/18/2023	Telephone: 202-564-4203
Date Made Active in Reports: 04/19/2023	Last EDR Contact: 04/18/2023
Number of Days to Update: 91	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/25/2023	Source: EPA
Date Data Arrived at EDR: 02/02/2023	Telephone: 703-416-0223
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 04/03/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/04/2022	Telephone: 202-564-8600
Date Made Active in Reports: 05/10/2022	Last EDR Contact: 04/13/2023
Number of Days to Update: 6	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/27/2022	Source: EPA
Date Data Arrived at EDR: 11/01/2022	Telephone: 202-564-6023
Date Made Active in Reports: 11/15/2022	Last EDR Contact: 04/03/2023
Number of Days to Update: 14	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/03/2022	Source: EPA
Date Data Arrived at EDR: 01/04/2023	Telephone: 202-566-0500
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 04/04/2023
Number of Days to Update: 89	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 03/29/2023
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/26/2022	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 11/22/2022	Telephone: 301-415-7169
Date Made Active in Reports: 12/05/2022	Last EDR Contact: 04/13/2023
Number of Days to Update: 13	Next Scheduled EDR Contact: 07/31/2023
	Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 03/03/2023
Number of Days to Update: 84	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 02/27/2023
Number of Days to Update: 251	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 02/03/2023
Number of Days to Update: 96	Next Scheduled EDR Contact: 05/15/2023
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of 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: 04/25/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 85

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2021
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: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 04/06/2023
Number of Days to Update: 546	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 07/26/2021	Source: Department of Energy
Date Data Arrived at EDR: 07/27/2021	Telephone: 202-586-3559
Date Made Active in Reports: 10/22/2021	Last EDR Contact: 04/26/2023
Number of Days to Update: 87	Next Scheduled EDR Contact: 08/14/2023
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 02/13/2023
Number of Days to Update: 74	Next Scheduled EDR Contact: 05/29/2023
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/25/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/02/2023	Telephone: 703-603-8787
Date Made Active in Reports: 02/28/2023	Last EDR Contact: 04/03/2023
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/10/2023
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

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

Date of Government Version: 02/27/2023
Date Data Arrived at EDR: 03/01/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 23

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

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

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

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

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

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/20/2022
Date Data Arrived at EDR: 12/20/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 24

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 02/28/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 01/01/2023
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/31/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 02/13/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 64

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/14/2023
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 07/08/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 123

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
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: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
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 facilities 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: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration's document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
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: 01/02/2023	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2023	Telephone: 202-272-0167
Date Made Active in Reports: 04/03/2023	Last EDR Contact: 03/30/2023
Number of Days to Update: 88	Next Scheduled EDR Contact: 07/17/2023
	Data Release Frequency: Varies

PFAS: PFAS Detections Site Listing

The presence of PFAS contamination at locations, including water treatment plants.

Date of Government Version: 12/01/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/01/2022	Telephone: 502-564-3410
Date Made Active in Reports: 02/22/2023	Last EDR Contact: 03/02/2023
Number of Days to Update: 83	Next Scheduled EDR Contact: 06/19/2023
	Data Release Frequency: Varies

AIRS: Permitted Airs Facility Listing

A listing of permitted Airs facilities.

Date of Government Version: 02/16/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/16/2023	Telephone: 502-573-3382
Date Made Active in Reports: 03/16/2023	Last EDR Contact: 04/19/2023
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Semi-Annually

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 12/20/2022	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/20/2022	Telephone: 502-782-6780
Date Made Active in Reports: 03/15/2023	Last EDR Contact: 02/23/2023
Number of Days to Update: 85	Next Scheduled EDR Contact: 06/12/2023
	Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of coal ash pond site locations.

Date of Government Version: 01/04/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 01/24/2023	Telephone: 502-564-6716
Date Made Active in Reports: 04/12/2023	Last EDR Contact: 01/24/2023
Number of Days to Update: 78	Next Scheduled EDR Contact: 05/08/2023
	Data Release Frequency: No Update Planned

DRYCLEANERS: Drycleaner Listing

A listing of drycleaner facility locations.

Date of Government Version: 02/16/2023	Source: Department of Environmental Protection
Date Data Arrived at EDR: 02/16/2023	Telephone: 502-573-3382
Date Made Active in Reports: 02/27/2023	Last EDR Contact: 04/19/2023
Number of Days to Update: 11	Next Scheduled EDR Contact: 08/07/2023
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information.

Date of Government Version: 11/14/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/03/2023
Number of Days to Update: 79

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

Financial Assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/14/2014
Date Data Arrived at EDR: 06/06/2014
Date Made Active in Reports: 06/24/2014
Number of Days to Update: 18

Source: Department of Environmental Protection
Telephone: 502-564-5981
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/14/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/03/2023
Number of Days to Update: 79

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

LEAD: Environmental Lead Program Report Tracking Database

Lead Report Tracking Database

Date of Government Version: 01/27/2017
Date Data Arrived at EDR: 02/02/2017
Date Made Active in Reports: 08/21/2017
Number of Days to Update: 200

Source: Department of Public Health
Telephone: 502-564-4537
Last EDR Contact: 01/30/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Varies

NPDES: Permitted Facility Listing

A listing of permitted wastewater facilities.

Date of Government Version: 02/21/2023
Date Data Arrived at EDR: 02/23/2023
Date Made Active in Reports: 02/27/2023
Number of Days to Update: 4

Source: Department of Environmental Protection
Telephone: 502-564-3410
Last EDR Contact: 01/30/2023
Next Scheduled EDR Contact: 05/15/2023
Data Release Frequency: Semi-Annually

UIC: UIC Information

A listing of wells identified as underground injection wells, in the Kentucky Oil & Gas Wells data base.

Date of Government Version: 12/01/2022
Date Data Arrived at EDR: 01/10/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 78

Source: Kentucky Geological Survey
Telephone: 859-323-0544
Last EDR Contact: 04/11/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System Mineral Resources Data System

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

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

PCS ENF: Enforcement data No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: No Update Planned

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Environmental Protection
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.

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 Protection
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/06/2023
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/10/2023
Next Scheduled EDR Contact: 05/22/2023
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/27/2023
Next Scheduled EDR Contact: 05/08/2023
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/13/2022
Next Scheduled EDR Contact: 05/29/2023
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/06/2023
Next Scheduled EDR Contact: 06/19/2023
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: Certified Child Care Homes

Source: Cabinet for Families & Children

Telephone: 502-564-7130

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: Wetland Inventory

Source: Environmental & Public Protection Cabinet

Telephone: 502-564-6736

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

SKYVIEW SITE - PERRY COUNTY
HAL ROGERS PARKWAY
HAZARD, KY 41701

TARGET PROPERTY COORDINATES

Latitude (North): 37.252465 - 37° 15' 8.87"
Longitude (West): 83.268891 - 83° 16' 8.01"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 298773.3
UTM Y (Meters): 4125088.5
Elevation: 1214 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 13082248 KRYPTON, KY
Version Date: 2019

Northeast Map: 13082236 HAZARD NORTH, KY
Version Date: 2019

Southeast Map: 13082238 HAZARD SOUTH, KY
Version Date: 2019

Southwest Map: 13046748 HYDEN EAST, KY
Version Date: 2019

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

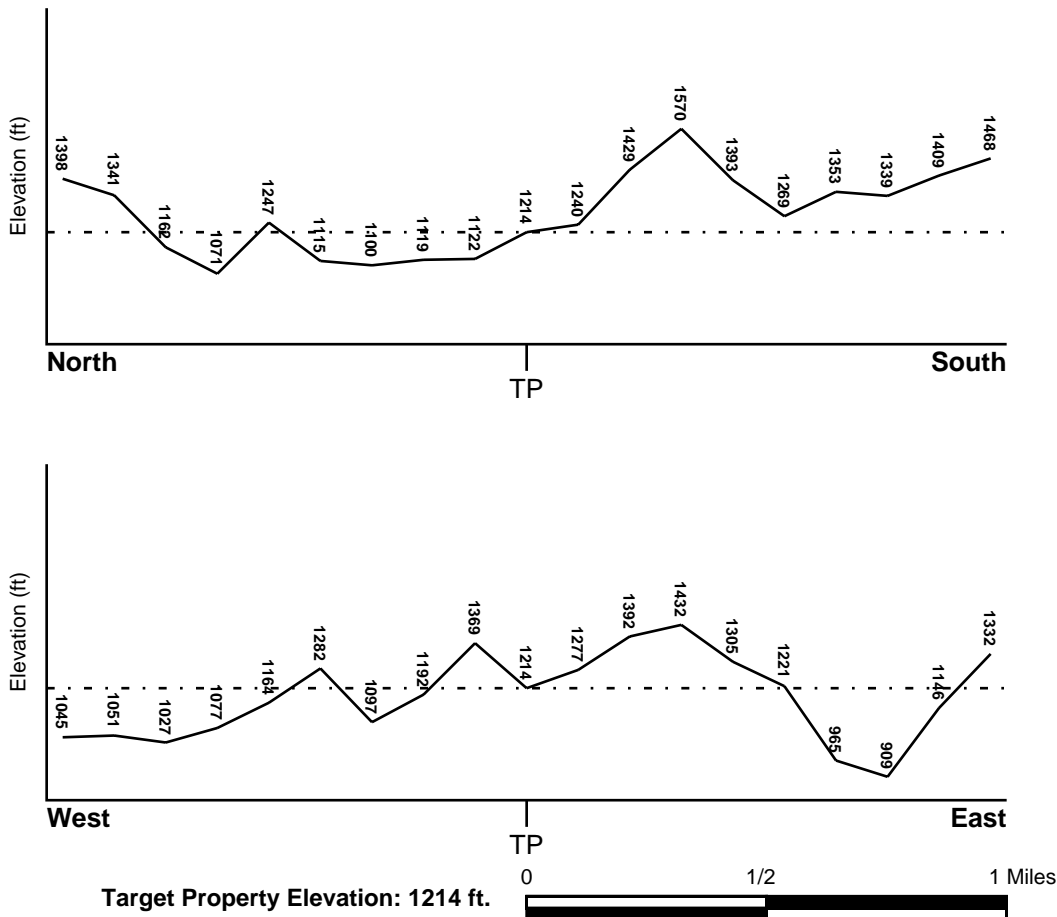
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
21131C0050D	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
21193C0175D	FEMA FIRM Flood data
21131C0125D	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
KRYPTON	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.

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

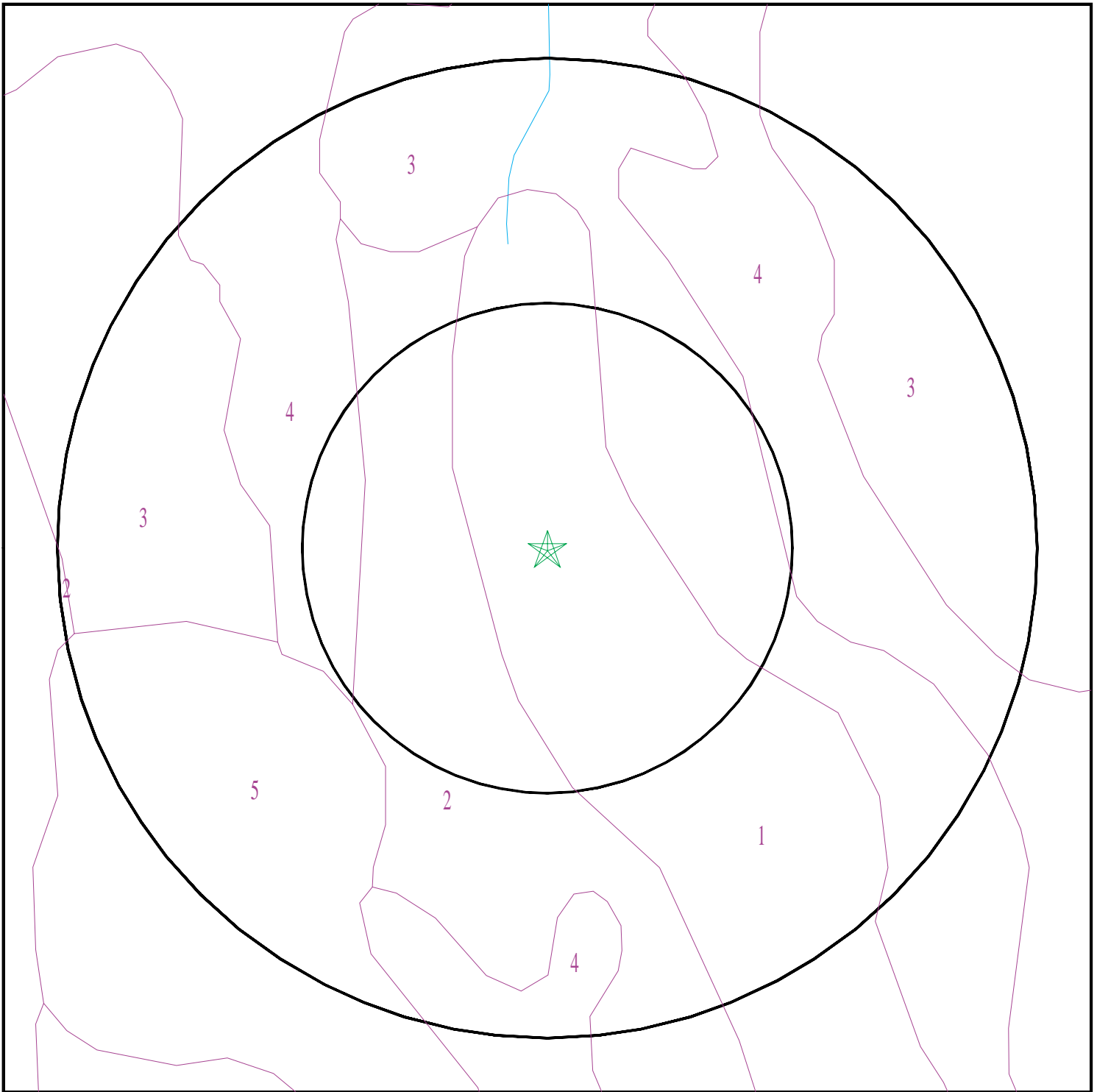
Era:	Paleozoic
System:	Pennsylvanian
Series:	Atokan and Morrowan Series
Code:	PP1 (<i>decoded above as Era, System & Series</i>)

GEOLOGIC AGE IDENTIFICATION

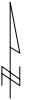
Category: Stratified Sequence

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).

SSURGO SOIL MAP - 7321455.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Skyview Site - Perry County
ADDRESS: Hal Rogers Parkway
Hazard KY 41701
LAT/LONG: 37.252465 / 83.268891

CLIENT: Kentucky Division of Compliance
CONTACT: Derek Bozzell
INQUIRY #: 7321455.2s
DATE: April 27, 2023 4:27 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Fairpoint

Soil Surface Texture: very channery silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4.23 Min: 1.41	Max: 7.3 Min: 5.6
2	5 inches	61 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4.23 Min: 1.41	Max: 7.3 Min: 5.6

Soil Map ID: 2

Soil Component Name: Shelocta

Soil Surface Texture: silt 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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 42 Min: 4	Max: 5.5 Min: 4.5
2	5 inches	59 inches	channery silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 42 Min: 4	Max: 5.5 Min: 4.5
3	59 inches	72 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 42 Min: 4	Max: 5.5 Min: 4.5

Soil Map ID: 3

Soil Component Name: Shelocta

Soil Surface Texture: silt 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 42 Min: 4	Max: 5.5 Min: 4.5
2	5 inches	59 inches	channery silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 42 Min: 4	Max: 5.5 Min: 4.5
3	59 inches	72 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 42 Min: 4	Max: 5.5 Min: 4.5

Soil Map ID: 4

Soil Component Name: Dekalb

Soil Surface Texture: channery loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 86 inches

Depth to Watertable Min: > 69 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	1 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
2	1 inches	33 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:
3	33 inches	38 inches	unweathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: Min:	Max: Min:

Soil Map ID: 5

Soil Component Name: Fairpoint

Soil Surface Texture: very channery silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4.23 Min: 1.41	Max: 7.3 Min: 5.6
2	5 inches	61 inches	very channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 4.23 Min: 1.41	Max: 7.3 Min: 5.6

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
4	USGS40000381057	1/4 - 1/2 Mile North

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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

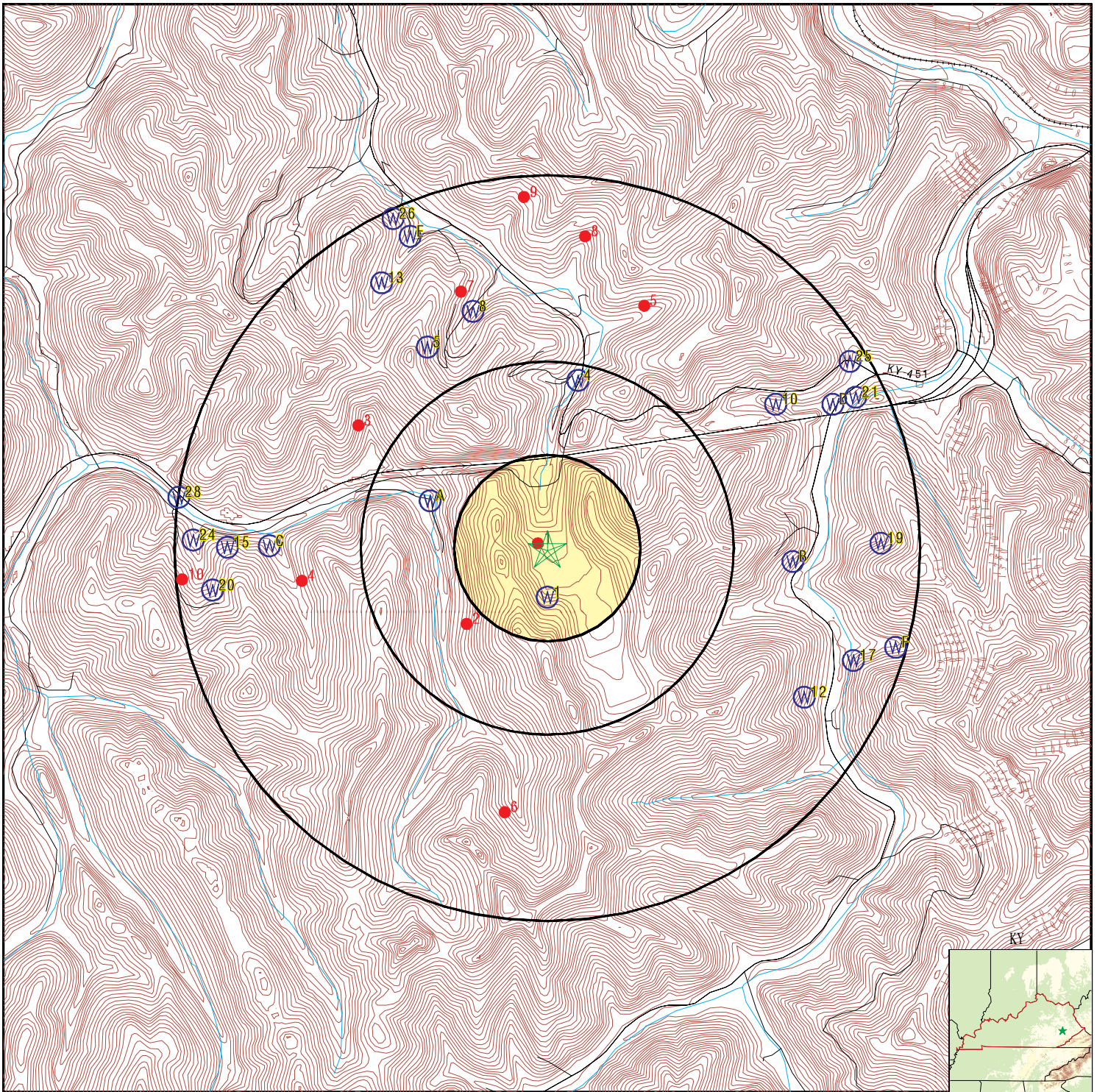
MAP ID	WELL ID	LOCATION FROM TP
1	KY7000000055806	1/8 - 1/4 Mile South
A2	KY7000000037841	1/4 - 1/2 Mile WNW
A3	KY7000000022284	1/4 - 1/2 Mile WNW
5	KY7000000055270	1/2 - 1 Mile NNW
B6	KY7000000005072	1/2 - 1 Mile East
B7	KY7000000000206	1/2 - 1 Mile East
8	KY7000000011326	1/2 - 1 Mile NNW
C9	KY7000000031684	1/2 - 1 Mile West
10	KY7000000055802	1/2 - 1 Mile ENE
C11	KY7000000027048	1/2 - 1 Mile West
12	KY7000000013256	1/2 - 1 Mile ESE
13	KY7000000055734	1/2 - 1 Mile NNW
D14	KY7000000004302	1/2 - 1 Mile ENE
15	KY7000000024863	1/2 - 1 Mile West
D16	KY7000000004305	1/2 - 1 Mile ENE
17	KY7000000046389	1/2 - 1 Mile ESE
E18	KY7000000020360	1/2 - 1 Mile NNW
19	KY7000000098962	1/2 - 1 Mile East
20	KY7000000035888	1/2 - 1 Mile West
21	KY7000000000209	1/2 - 1 Mile ENE
E22	KY7000000000387	1/2 - 1 Mile NNW
F23	KY7000000005603	1/2 - 1 Mile ESE
24	KY7000000026912	1/2 - 1 Mile West
25	KY7000000021590	1/2 - 1 Mile ENE
26	KY7000000000207	1/2 - 1 Mile NNW
F27	KY7000000005616	1/2 - 1 Mile ESE
28	KY7000000031622	1/2 - 1 Mile West

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	KYOG14000015741	0 - 1/8 Mile WNW
2	KYOG14000074719	1/4 - 1/2 Mile SW
3	KYOG14000080331	1/2 - 1 Mile WNW
4	KYOG14000074634	1/2 - 1 Mile West
5	KYOG14000118104	1/2 - 1 Mile NNE
6	KYOG14000074718	1/2 - 1 Mile South
7	KYOG14000023039	1/2 - 1 Mile NNW
8	KYOG14000118553	1/2 - 1 Mile North
9	KYOG14000118889	1/2 - 1 Mile North
10	KYOG14000111362	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 7321455.2s



- 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
- Oil, gas or related wells



SITE NAME: Skyview Site - Perry County
 ADDRESS: Hal Rogers Parkway
 Hazard KY 41701
 LAT/LONG: 37.252465 / 83.268891

CLIENT: Kentucky Division of Compliance
 CONTACT: Derek Bozzell
 INQUIRY #: 7321455.2s
 DATE: April 27, 2023 4:27 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
South
1/8 - 1/4 Mile
Higher

KY WELLS KY7000000055806

AKGWA ID:	60002431	Well Type:	Water Well
Well Status:	Not Reported	Alt ID:	Not Reported
PWS ID:	Not Reported	Well Name:	Not Reported
Surface Elevation:	0	Usage:	Domestic - Single Household
Total Depth:	0	Depth to Bedrock:	0
End Date:	01-JAN-75		

A2
WNW
1/4 - 1/2 Mile
Lower

KY WELLS KY7000000037841

AKGWA ID:	00062760	Well Type:	Water Well
Well Status:	Active	Alt ID:	Not Reported
PWS ID:	Not Reported	Well Name:	Residence - Jeff & Bethel Baker
Surface Elevation:	1040	Usage:	Domestic - Single Household
Total Depth:	143	Depth to Bedrock:	7
End Date:	04-MAY-05		

A3
WNW
1/4 - 1/2 Mile
Lower

KY WELLS KY7000000022284

AKGWA ID:	00037492	Well Type:	Water Well
Well Status:	Active	Alt ID:	Not Reported
PWS ID:	Not Reported	Well Name:	Residence - Willard Turner
Surface Elevation:	1000	Usage:	Domestic - Single Household
Total Depth:	0	Depth to Bedrock:	0
End Date:	19-MAR-95		

4
North
1/4 - 1/2 Mile
Lower

FED USGS USGS40000381057

Organization ID:	USGS-KY	Organization Name:	USGS Kentucky Water Science Center
Monitor Location:	H26D0002	Type:	Well
Description:	Not Reported	HUC:	05100201
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:	19540101
Well Depth:	114	Well Depth Units:	ft
Well Hole Depth:	114	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1954-05-30
Feet below surface:	37.81	Feet to sea level:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Note: Not Reported

5
NNW
1/2 - 1 Mile
Higher

KY WELLS KY7000000055270

AKGWA ID: 60001889
Well Status: Not Reported
PWS ID: Not Reported
Surface Elevation: 0
Total Depth: 0
End Date: Not Reported

Well Type: Water Well
Alt ID: Not Reported
Well Name: Not Reported
Usage: Domestic - Single Household
Depth to Bedrock: 0

B6
East
1/2 - 1 Mile
Lower

KY WELLS KY7000000005072

AKGWA ID: 00004992
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 864
Total Depth: 42
End Date: 05-MAR-87

Well Type: Water Well
Alt ID: Not Reported
Well Name: Residence - James L Fields
Usage: Domestic - Single Household
Depth to Bedrock: 9

B7
East
1/2 - 1 Mile
Lower

KY WELLS KY7000000000206

AKGWA ID: 00000260
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 864
Total Depth: 42
End Date: 18-FEB-87

Well Type: Water Well
Alt ID: Not Reported
Well Name: Residence - James L Fields
Usage: Domestic - Single Household
Depth to Bedrock: 9

8
NNW
1/2 - 1 Mile
Lower

KY WELLS KY7000000011326

AKGWA ID: 00016027
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 1100
Total Depth: 82
End Date: 23-JAN-90

Well Type: Water Well
Alt ID: Not Reported
Well Name: Residence - Pearl Colwell
Usage: Domestic - Single Household
Depth to Bedrock: 6

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C9
West
1/2 - 1 Mile
Lower

KY WELLS KY7000000031684

AKGWA ID: 00052791
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 960
Total Depth: 784
End Date: 24-AUG-99

Well Type: Water Well
Alt ID: Not Reported
Well Name: Residence - Rick Sumner
Usage: Domestic - Single Household
Depth to Bedrock: 6

10
ENE
1/2 - 1 Mile
Lower

KY WELLS KY7000000055802

AKGWA ID: 60002427
Well Status: Not Reported
PWS ID: Not Reported
Surface Elevation: 0
Total Depth: 0
End Date: 01-JAN-80

Well Type: Water Well
Alt ID: Not Reported
Well Name: Not Reported
Usage: Domestic - Single Household
Depth to Bedrock: 30

C11
West
1/2 - 1 Mile
Lower

KY WELLS KY7000000027048

AKGWA ID: 00046586
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 1020
Total Depth: 143
End Date: 08-JAN-97

Well Type: Water Well
Alt ID: Not Reported
Well Name: Residence - Steve Bingham
Usage: Domestic - Single Household
Depth to Bedrock: 14

12
ESE
1/2 - 1 Mile
Lower

KY WELLS KY7000000013256

AKGWA ID: 00018959
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 950
Total Depth: 100
End Date: 27-FEB-91

Well Type: Water Well
Alt ID: Not Reported
Well Name: Residence - David Begley
Usage: Domestic - Single Household
Depth to Bedrock: 16

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

13
NNW
1/2 - 1 Mile
Lower

KY WELLS KY7000000055734

AKGWA ID: 60002358
Well Status: Not Reported
PWS ID: Not Reported
Surface Elevation: 0
Total Depth: 0
End Date: Not Reported

Well Type: Water Well
Alt ID: Not Reported
Well Name: Not Reported
Usage: Domestic - Single Household
Depth to Bedrock: 0

D14
ENE
1/2 - 1 Mile
Lower

KY WELLS KY7000000004302

AKGWA ID: 00004245
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 852
Total Depth: 100
End Date: 06-MAY-86

Well Type: Water Well
Alt ID: Not Reported
Well Name: Residence - Ralph Howard
Usage: Domestic - Single Household
Depth to Bedrock: 8

15
West
1/2 - 1 Mile
Lower

KY WELLS KY7000000024863

AKGWA ID: 00043973
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 1000
Total Depth: 143
End Date: 26-FEB-96

Well Type: Water Well
Alt ID: Not Reported
Well Name: Residence - Lewis Warren
Usage: Domestic - Single Household
Depth to Bedrock: 7

D16
ENE
1/2 - 1 Mile
Lower

KY WELLS KY7000000004305

AKGWA ID: 00004248
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 852
Total Depth: 135
End Date: 05-MAY-86

Well Type: Water Well
Alt ID: Not Reported
Well Name: Residence - Ralph Howard
Usage: Domestic - Single Household
Depth to Bedrock: 14

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

17
ESE
1/2 - 1 Mile
Lower

KY WELLS KY7000000046389

AKGWA ID: 30008908
Well Status: Not Reported
PWS ID: Not Reported
Surface Elevation: 0
Total Depth: 45
End Date: Not Reported

Well Type: Water Well
Alt ID: Not Reported
Well Name: Not Reported
Usage: Domestic - Single Household
Depth to Bedrock: 0

E18
NNW
1/2 - 1 Mile
Lower

KY WELLS KY7000000020360

AKGWA ID: 00033311
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 1060
Total Depth: 348
End Date: 28-JUN-94

Well Type: Water Well
Alt ID: Not Reported
Well Name: Campbell Radiator
Usage: Domestic - Single Household
Depth to Bedrock: 7

19
East
1/2 - 1 Mile
Lower

KY WELLS KY7000000098962

AKGWA ID: 80062025
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 840
Total Depth: 20
End Date: 17-NOV-11

Well Type: Monitoring Well
Alt ID: MW-19
Well Name: Fugates Gulf Service
Usage: Remediation
Depth to Bedrock: 20

20
West
1/2 - 1 Mile
Lower

KY WELLS KY7000000035888

AKGWA ID: 00058863
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 1080
Total Depth: 345
End Date: 17-OCT-02

Well Type: Water Well
Alt ID: Not Reported
Well Name: Residence - Rick Sumner
Usage: Domestic - Single Household
Depth to Bedrock: 7

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

21
ENE
1/2 - 1 Mile
Lower

KY WELLS KY700000000209

AKGWA ID: 00000263
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 860
Total Depth: 60
End Date: 21-JAN-87

Well Type: Water Well
Alt ID: Not Reported
Well Name: Avawam Fire Department
Usage: Domestic - Single Household
Depth to Bedrock: 8

E22
NNW
1/2 - 1 Mile
Lower

KY WELLS KY700000000387

AKGWA ID: 00000432
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 1050
Total Depth: 180
End Date: 14-MAR-87

Well Type: Water Well
Alt ID: Not Reported
Well Name: Residence - Timothy Bush
Usage: Domestic - Single Household
Depth to Bedrock: 4

F23
ESE
1/2 - 1 Mile
Lower

KY WELLS KY7000000005603

AKGWA ID: 00006130
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 1000
Total Depth: 102
End Date: 23-OCT-87

Well Type: Water Well
Alt ID: Not Reported
Well Name: Crawford Construction Co
Usage: Domestic - Single Household
Depth to Bedrock: 7

24
West
1/2 - 1 Mile
Lower

KY WELLS KY70000000026912

AKGWA ID: 00046449
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 920
Total Depth: 305
End Date: 19-SEP-96

Well Type: Water Well
Alt ID: Not Reported
Well Name: Residence - James Walker
Usage: Domestic - Single Household
Depth to Bedrock: 8

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

25
ENE
1/2 - 1 Mile
Lower

KY WELLS KY7000000021590

AKGWA ID: 00035818
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 880
Total Depth: 90
End Date: 02-SEP-94

Well Type: Water Well
Alt ID: Not Reported
Well Name: Residence - Larry Feltner
Usage: Domestic - Single Household
Depth to Bedrock: 6

26
NNW
1/2 - 1 Mile
Lower

KY WELLS KY700000000207

AKGWA ID: 00000261
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 1020
Total Depth: 185
End Date: 14-MAR-87

Well Type: Water Well
Alt ID: Not Reported
Well Name: Residence - Joe Eversole
Usage: Domestic - Single Household
Depth to Bedrock: 8

F27
ESE
1/2 - 1 Mile
Lower

KY WELLS KY7000000005616

AKGWA ID: 00006144
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 960
Total Depth: 143
End Date: 16-DEC-87

Well Type: Water Well
Alt ID: Not Reported
Well Name: Crawford Construction Co
Usage: Domestic - Single Household
Depth to Bedrock: 6

28
West
1/2 - 1 Mile
Lower

KY WELLS KY7000000031622

AKGWA ID: 00052717
Well Status: Active
PWS ID: Not Reported
Surface Elevation: 920
Total Depth: 45
End Date: 12-OCT-01

Well Type: Water Well
Alt ID: Not Reported
Well Name: Residence - Bill Goble
Usage: Domestic - Single Household
Depth to Bedrock: 15

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
WNW
0 - 1/8 Mile

OIL_GAS KYOG14000015741

OIL_GAS:

API #:	16193010810000	KGS #:	16154
Well Elevation:	1251	Original Farm/Lease Name:	ELLISON, R, ETAL
Original Operator:	CONTROLLED RESOURCES OIL & GAS		
Original Well #:	797	Permit #:	34703
Formation:	000	Deepest Formation:	000
Init Open or Potential Flow:	Not Reported	description in result_desc field:	TRM
Original API Classification:	Unclassified		
How Completed:	Terminated (permit expired or cancelled)		
Bore Type:	Conventional vertical well bore		
Completion Date:	Not Reported	Plug Date:	Not Reported
Documentation on Plug:	Not Reported	Core Call #:	Not Reported
Cutting Call #:	Not Reported	Log on File:	Not Reported
URL:	https://kgs.uky.edu/kygeode/services/oilgas/wellReport.asp?id=16154		

2
SW
1/4 - 1/2 Mile

OIL_GAS KYOG14000074719

OIL_GAS:

API #:	16193008490000	KGS #:	78747
Well Elevation:	1194	Original Farm/Lease Name:	STACY, F S
Original Operator:	KENTUCKY WEST VIRGINIA GAS CO		
Original Well #:	7201	Permit #:	26791
Formation:	344CORN	Deepest Formation:	341OHIO
Init Open or Potential Flow:	84 MCFGPD	description in result_desc field:	GAS
Original API Classification:	Development Well		
How Completed:	Gas producer		
Bore Type:	Conventional vertical well bore		
Completion Date:	31-JUL-73	Plug Date:	08-JUN-90
Documentation on Plug:	PA	Core Call #:	Not Reported
Cutting Call #:	Not Reported	Log on File:	ELOG
URL:	https://kgs.uky.edu/kygeode/services/oilgas/wellReport.asp?id=78747		

3
WNW
1/2 - 1 Mile

OIL_GAS KYOG14000080331

OIL_GAS:

API #:	16193011550000	KGS #:	85467
Well Elevation:	1087	Original Farm/Lease Name:	STANDAFER, W B
Original Operator:	KENTUCKY WEST VIRGINIA GAS CO		
Original Well #:	7209	Permit #:	27032
Formation:	000	Deepest Formation:	000
Init Open or Potential Flow:	Not Reported	description in result_desc field:	LOC
Original API Classification:	Unclassified		
How Completed:	Locaton (new permit issued or insufficient data)		
Bore Type:	Conventional vertical well bore		
Completion Date:	Not Reported	Plug Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Documentation on Plug:	Not Reported	Core Call #:	Not Reported
Cutting Call #:	Not Reported	Log on File:	Not Reported
URL:	https://kgs.uky.edu/kygeode/services/oilgas/wellReport.asp?id=85467		

4
West
1/2 - 1 Mile

OIL_GAS KYOG14000074634

OIL_GAS:

API #:	16193011100000	KGS #:	78632
Well Elevation:	1104	Original Farm/Lease Name:	HOSKIN, A H
Original Operator:	KENTUCKY WEST VIRGINIA GAS CO		
Original Well #:	7210	Permit #:	27121
Formation:	344CORN	Deepest Formation:	000
Init Open or Potential Flow:	Not Reported	description in result_desc field:	D&A
Original API Classification:	Extension (outpost) Well		
How Completed:	Dry and abandoned		
Bore Type:	Conventional vertical well bore		
Completion Date:	17-OCT-73	Plug Date:	26-OCT-73
Documentation on Plug:	PA	Core Call #:	Not Reported
Cutting Call #:	12732	Log on File:	ELOG
URL:	https://kgs.uky.edu/kygeode/services/oilgas/wellReport.asp?id=78632		

5
NNE
1/2 - 1 Mile

OIL_GAS KYOG14000118104

OIL_GAS:

API #:	16193015540000	KGS #:	136899
Well Elevation:	1208	Original Farm/Lease Name:	RCS MINERALS, LLC ET AL
Original Operator:	CUT THROUGH HYDROCARBON		
Original Well #:	SE-77	Permit #:	104635
Formation:	000	Deepest Formation:	341OHIO
Init Open or Potential Flow:	Not Reported	description in result_desc field:	TRM
Original API Classification:	Unclassified		
How Completed:	Terminated (permit expired or cancelled)		
Bore Type:	Conventional vertical well bore		
Completion Date:	Not Reported	Plug Date:	Not Reported
Documentation on Plug:	Not Reported	Core Call #:	Not Reported
Cutting Call #:	Not Reported	Log on File:	Not Reported
URL:	https://kgs.uky.edu/kygeode/services/oilgas/wellReport.asp?id=136899		

6
South
1/2 - 1 Mile

OIL_GAS KYOG14000074718

OIL_GAS:

API #:	16193005810000	KGS #:	78746
Well Elevation:	1239	Original Farm/Lease Name:	STACY, ALFRED
Original Operator:	KENTUCKY WEST VIRGINIA GAS CO		
Original Well #:	7190	Permit #:	26626
Formation:	344CORN	Deepest Formation:	341OHIO
Init Open or Potential Flow:	158 MCFGPD	description in result_desc field:	GAS

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Original API Classification:	Development Well		
How Completed:	Gas producer		
Bore Type:	Conventional vertical well bore		
Completion Date:	09-MAY-73	Plug Date:	30-SEP-98
Documentation on Plug:	PA	Core Call #:	Not Reported
Cutting Call #:	12624	Log on File:	ELOG
URL:	https://kgs.uky.edu/kygeode/services/oilgas/wellReport.asp?id=78746		

7
NNW
1/2 - 1 Mile

OIL_GAS **KYOG14000023039**

OIL_GAS:

API #:	16193000180000	KGS #:	24313
Well Elevation:	1240	Original Farm/Lease Name:	ELLISON, ROBERT
Original Operator:	CONTROLLED RESOURCES OIL & GAS		
Original Well #:	80-19	Permit #:	40220
Formation:	344CORN	Deepest Formation:	000
Init Open or Potential Flow:	Not Reported	description in result_desc field:	D&A
Original API Classification:	New Pool Wildcat		
How Completed:	Dry and abandoned		
Bore Type:	Conventional vertical well bore		
Completion Date:	17-NOV-80	Plug Date:	19-DEC-01
Documentation on Plug:	PA	Core Call #:	Not Reported
Cutting Call #:	Not Reported	Log on File:	ELOG
URL:	https://kgs.uky.edu/kygeode/services/oilgas/wellReport.asp?id=24313		

8
North
1/2 - 1 Mile

OIL_GAS **KYOG14000118553**

OIL_GAS:

API #:	16193015670000	KGS #:	137348
Well Elevation:	1192	Original Farm/Lease Name:	RCS MINERALS, LLC ET AL
Original Operator:	CUT THROUGH HYDROCARBON		
Original Well #:	SE-76	Permit #:	105114
Formation:	000	Deepest Formation:	341OHIO
Init Open or Potential Flow:	Not Reported	description in result_desc field:	TRM
Original API Classification:	Unclassified		
How Completed:	Terminated (permit expired or cancelled)		
Bore Type:	Conventional vertical well bore		
Completion Date:	Not Reported	Plug Date:	Not Reported
Documentation on Plug:	Not Reported	Core Call #:	Not Reported
Cutting Call #:	Not Reported	Log on File:	Not Reported
URL:	https://kgs.uky.edu/kygeode/services/oilgas/wellReport.asp?id=137348		

9
North
1/2 - 1 Mile

OIL_GAS **KYOG14000118889**

OIL_GAS:

API #:	16193015970000	KGS #:	137772
Well Elevation:	1277	Original Farm/Lease Name:	RCS MINERALS, LLC ET AL

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Original Operator:	CUT THROUGH HYDROCARBON		
Original Well #:	SE-75	Permit #:	105450
Formation:	000	Deepest Formation:	341OHIO
Init Open or Potential Flow:	Not Reported	description in result_desc field:	TRM
Original API Classification:	Unclassified		
How Completed:	Terminated (permit expired or cancelled)		
Bore Type:	Conventional vertical well bore		
Completion Date:	Not Reported	Plug Date:	Not Reported
Documentation on Plug:	Not Reported	Core Call #:	Not Reported
Cutting Call #:	Not Reported	Log on File:	Not Reported
URL:	https://kgs.uky.edu/kygeode/services/oilgas/wellReport.asp?id=137772		

**10
West
1/2 - 1 Mile**

OIL_GAS

KYOG14000111362

OIL_GAS:

API #:	16193013250000	KGS #:	129922
Well Elevation:	1094	Original Farm/Lease Name:	RCS MINERALS, LLC ET AL
Original Operator:	CUT THROUGH HYDROCARBON		
Original Well #:	SE-70	Permit #:	98601
Formation:	341OHIO	Deepest Formation:	341OHIO
Init Open or Potential Flow:	0 MCFGPD	description in result_desc field:	GAS
Original API Classification:	Unclassified	How Completed:	Gas producer
Bore Type:	Conventional vertical well bore		
Completion Date:	20-MAY-06	Plug Date:	Not Reported
Documentation on Plug:	Not Reported	Core Call #:	Not Reported
Cutting Call #:	Not Reported	Log on File:	ELOG
URL:	https://kgs.uky.edu/kygeode/services/oilgas/wellReport.asp?id=129922		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: KY Radon

Radon Test Results

Zip	Test Date	Test Result
41701	1/7/2002	2.40
41701	1/7/2002	2.40
41701	5/17/2002	0.60
41701	7/2/2004	2.70
41701	7/14/2004	1.10
41701	7/16/2004	3.50
41701	7/25/2004	1.70
41701	7/30/2004	1.50
41701	7/30/2004	0.80
41701	3/14/2004	0.50
41701	9/5/2004	0.20
41701	9/20/2004	0.70
41701	9/21/2004	0.70
41701	10/20/2004	3.80
41701	1/27/2005	4.10
41701	1/29/2005	0.80
41701	1/29/2005	0.50
41701	2/10/2005	1.00
41701	2/21/2005	1.40
41701	3/7/2005	0.20
41701	4/27/2005	0.70

Federal EPA Radon Zone for PERRY 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: 41701

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.900 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetland Inventory

Source: Environmental & Public Protection Cabinet

Telephone: 502-564-6736

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

Kentucky Water Well Records Database

Source: Kentucky Geological Survey

Telephone: 859-257-5500

Water Wells in Kentucky. Data from the Kentucky Ground Water Data Repository.

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Locations

Source: Kentucky Geological Survey

Telephone: 859-257-5500

Oil and gas well locations in the state of Kentucky

RADON

State Database: KY Radon

Source: Department of Public Health

Telephone: 502-564-4856

Radon Test Results

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.

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Skyview Site - Perry County

Hal Rogers Parkway

Hazard, KY 41701

Inquiry Number: 7321455.3

April 27, 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

04/27/23

Site Name:

Skyview Site - Perry County
Hal Rogers Parkway
Hazard, KY 41701
EDR Inquiry # 7321455.3

Client Name:

Kentucky Division of Compliance
300 Sower Blvd.
Frankfort, KY 40601
Contact: Derek Bozzell



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Certified Sanborn Results:

Certification # 91BD-40E1-991D
PO # NA
Project Skyview Site Phase I

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: 91BD-40E1-991D

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

The Sanborn Library LLC Since 1866™

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Skyview Site - Perry County

Hal Rogers Parkway

Hazard, KY 41701

Inquiry Number: 7321455.4

April 27, 2023

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

04/27/23

Site Name:

Skyview Site - Perry County
Hal Rogers Parkway
Hazard, KY 41701
EDR Inquiry # 7321455.4

Client Name:

Kentucky Division of Compliance
300 Sower Blvd.
Frankfort, KY 40601
Contact: Derek Bozzell



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

Search Results:

Coordinates:

P.O.#	NA	Latitude:	37.252465 37° 15' 9" North
Project:	Skyview Site Phase I	Longitude:	-83.268891 -83° 16' 8" West
		UTM Zone:	Zone 17 North
		UTM X Meters:	298778.23
		UTM Y Meters:	4125292.17
		Elevation:	1213.66' above sea level

Maps Provided:

2019	1916
2016	1913, 1914, 1916
2013	1891
1980	
1972	
1961	
1954	
1919	

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Topo Sheet Key

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

2019 Source Sheets



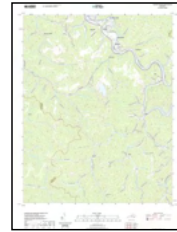
Krypton
2019
7.5-minute, 24000



Hyden East
2019
7.5-minute, 24000



Hazard North
2019
7.5-minute, 24000



Hazard South
2019
7.5-minute, 24000

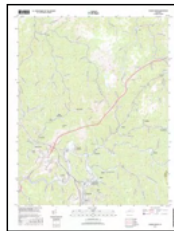
2016 Source Sheets



Krypton
2016
7.5-minute, 24000



Hyden East
2016
7.5-minute, 24000



Hazard North
2016
7.5-minute, 24000



Hazard South
2016
7.5-minute, 24000

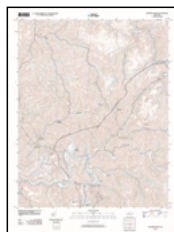
2013 Source Sheets



Krypton
2013
7.5-minute, 24000



Hyden East
2013
7.5-minute, 24000



Hazard North
2013
7.5-minute, 24000



Hazard South
2013
7.5-minute, 24000

1980 Source Sheets



Hyden East
1980
7.5-minute, 24000
Aerial Photo Revised 1976

Topo Sheet Key

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

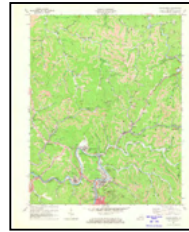
1972 Source Sheets



Hazard South
1972
7.5-minute, 24000
Aerial Photo Revised 1971

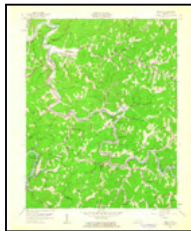


Krypton
1972
7.5-minute, 24000
Aerial Photo Revised 1971

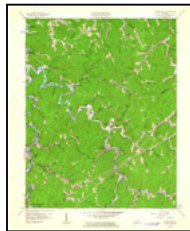


Hazard North
1972
7.5-minute, 24000
Aerial Photo Revised 1971

1961 Source Sheets



Krypton
1961
7.5-minute, 24000
Aerial Photo Revised 1953

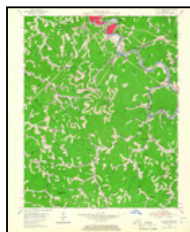


Hyden East
1961
7.5-minute, 24000
Aerial Photo Revised 1952

1954 Source Sheets



Hyden East
1954
7.5-minute, 24000
Aerial Photo Revised 1952



Hazard South
1954
7.5-minute, 24000
Aerial Photo Revised 1953



Hazard North
1954
7.5-minute, 24000
Aerial Photo Revised 1953



Krypton
1954
7.5-minute, 24000
Aerial Photo Revised 1953

1919 Source Sheets



Hyden
1919
15-minute, 62500

Topo Sheet Key

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

1916 Source Sheets



Hyden
1916
15-minute, 48000

1913, 1914, 1916 Source Sheets



Buckhorn
1913
15-minute, 62500



Troublesome
1914
15-minute, 62500

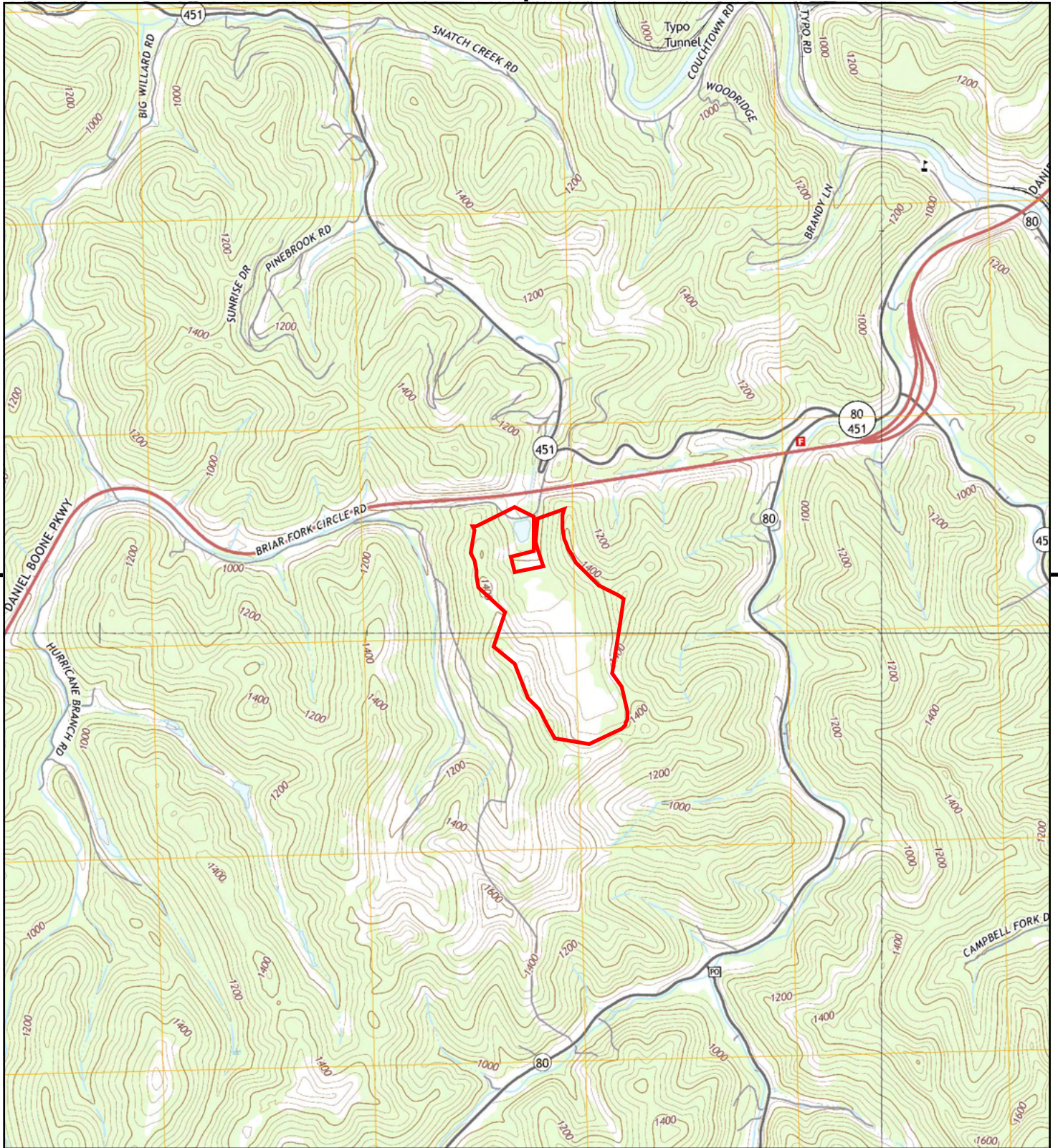


Cornettsville
1916
15-minute, 62500

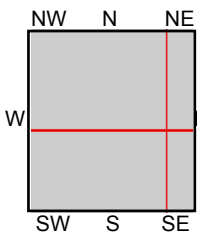
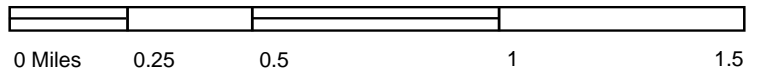
1891 Source Sheets



Hazard
1891
30-minute, 125000



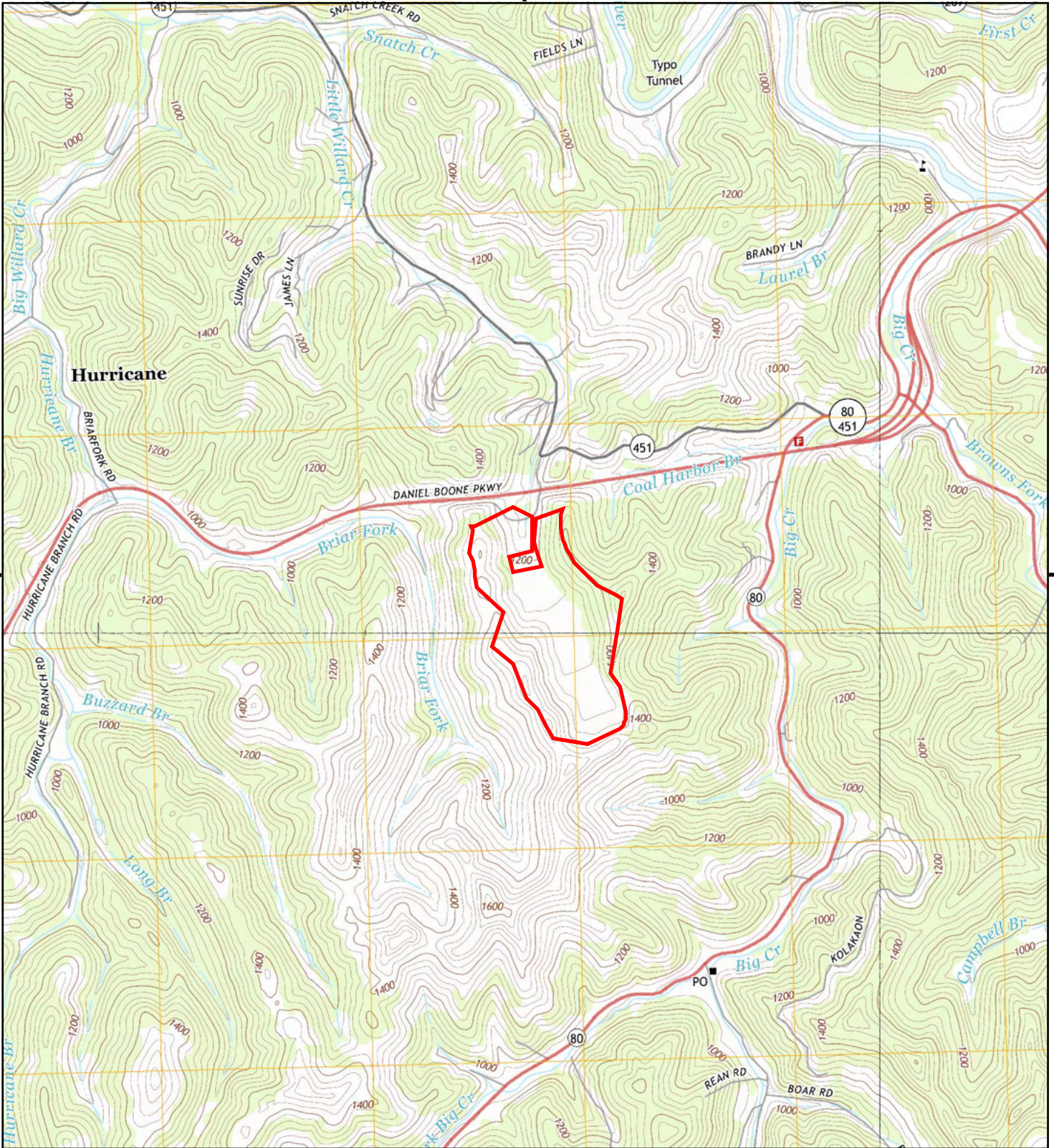
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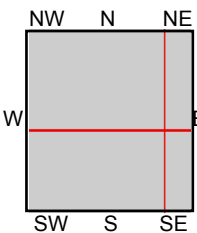
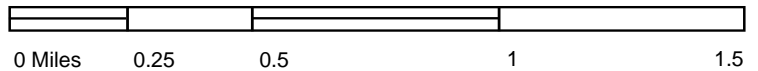
TP, Krypton, 2016, 7.5-minute
 NE, Hazard North, 2016, 7.5-minute
 SE, Hazard South, 2016, 7.5-minute
 SW, Hyden East, 2016, 7.5-minute

SITE NAME: Skyview Site - Perry County
ADDRESS: Hal Rogers Parkway
 Hazard, KY 41701
CLIENT: Kentucky Division of Compliance





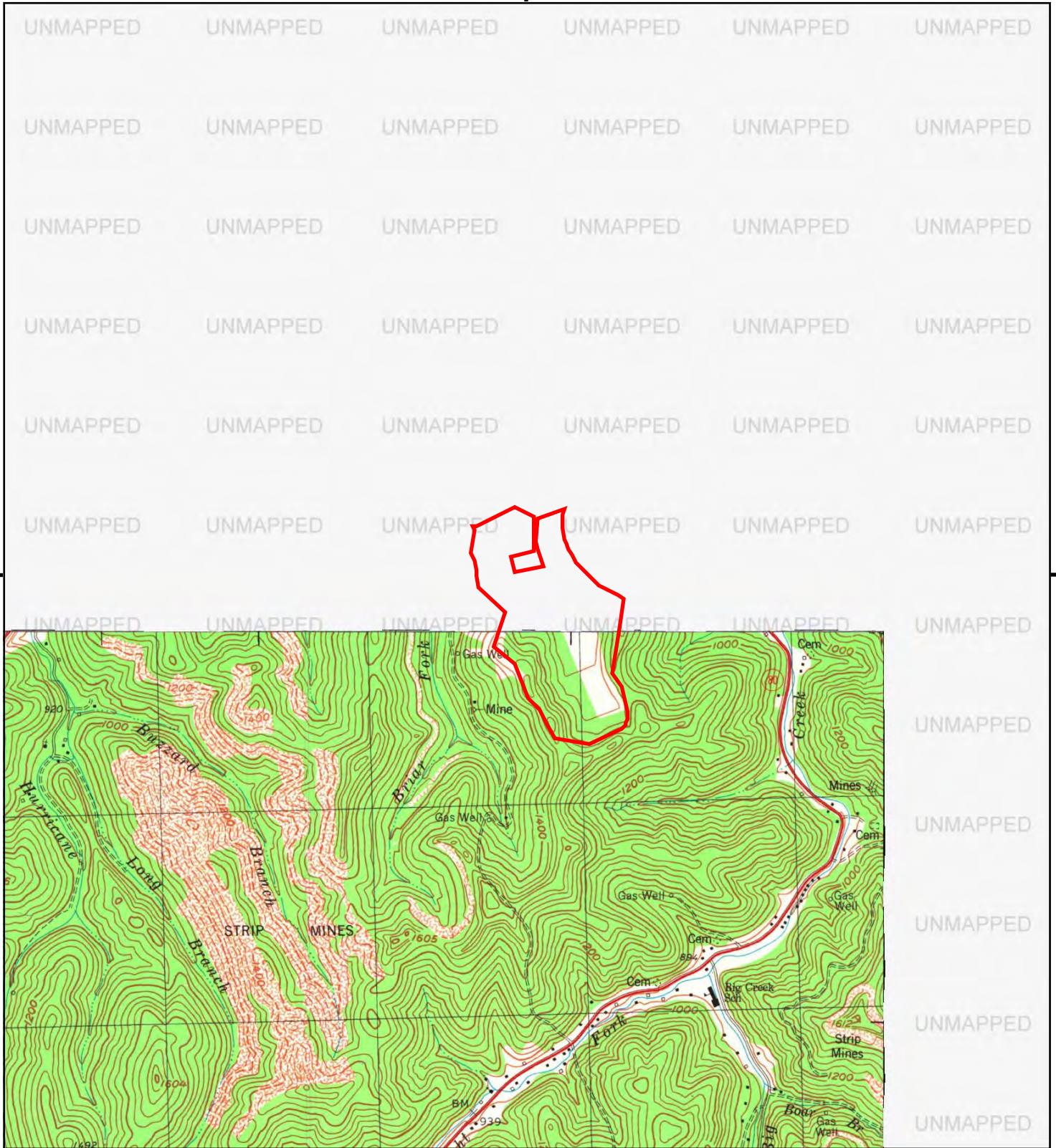
This report includes information from the following map sheet(s).



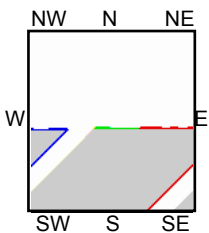
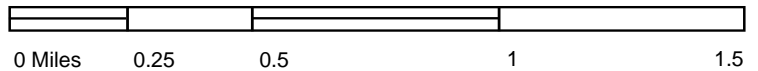
TP, Krypton, 2013, 7.5-minute
 NE, Hazard North, 2013, 7.5-minute
 SE, Hazard South, 2013, 7.5-minute
 SW, Hyden East, 2013, 7.5-minute

SITE NAME: Skyview Site - Perry County
ADDRESS: Hal Rogers Parkway
 Hazard, KY 41701
CLIENT: Kentucky Division of Compliance





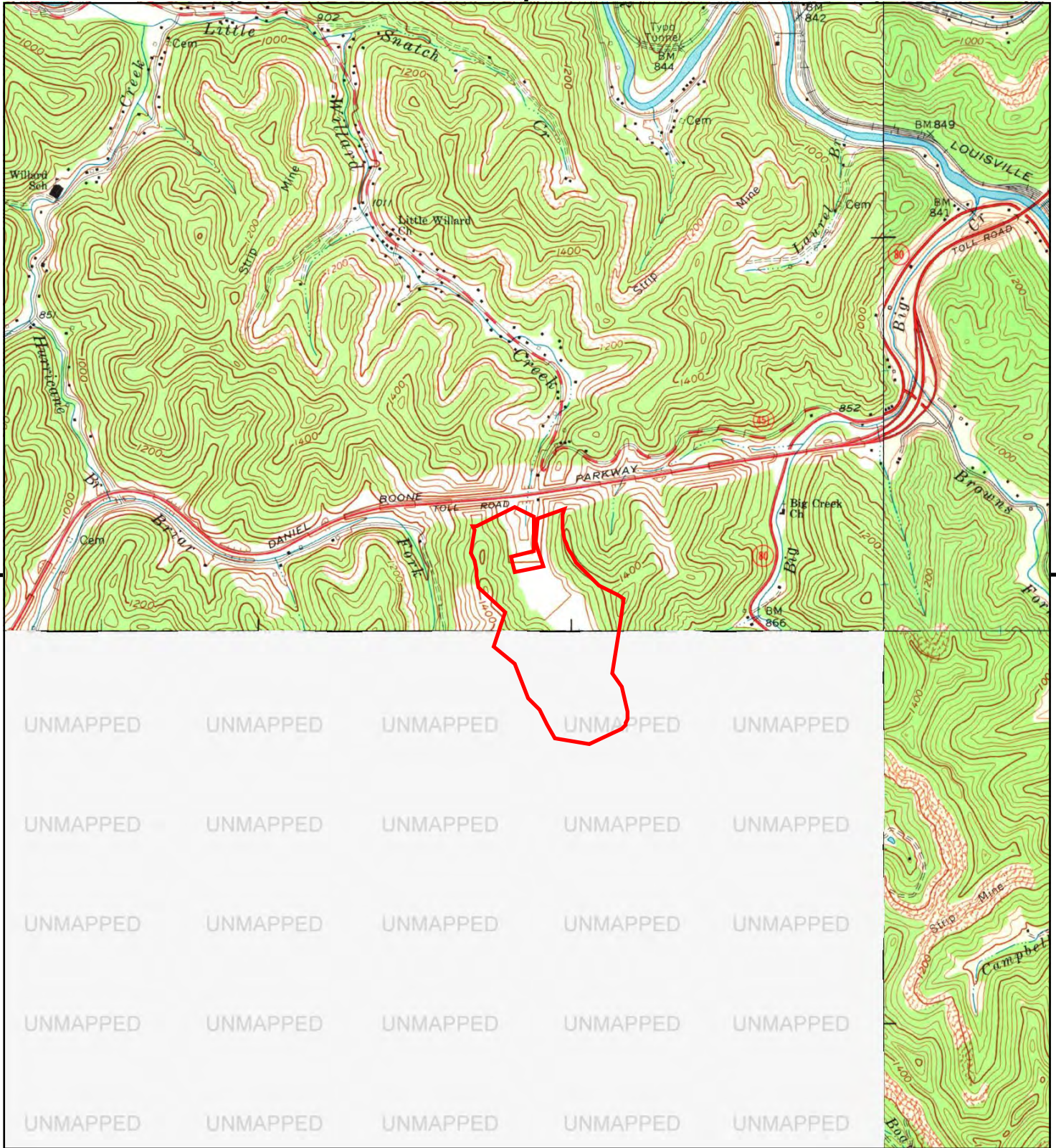
This report includes information from the following map sheet(s).



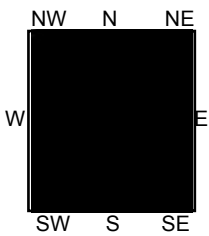
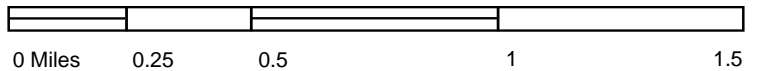
SW, Hyden East, 1980, 7.5-minute

SITE NAME: Skyview Site - Perry County
ADDRESS: Hal Rogers Parkway
Hazard, KY 41701
CLIENT: Kentucky Division of Compliance





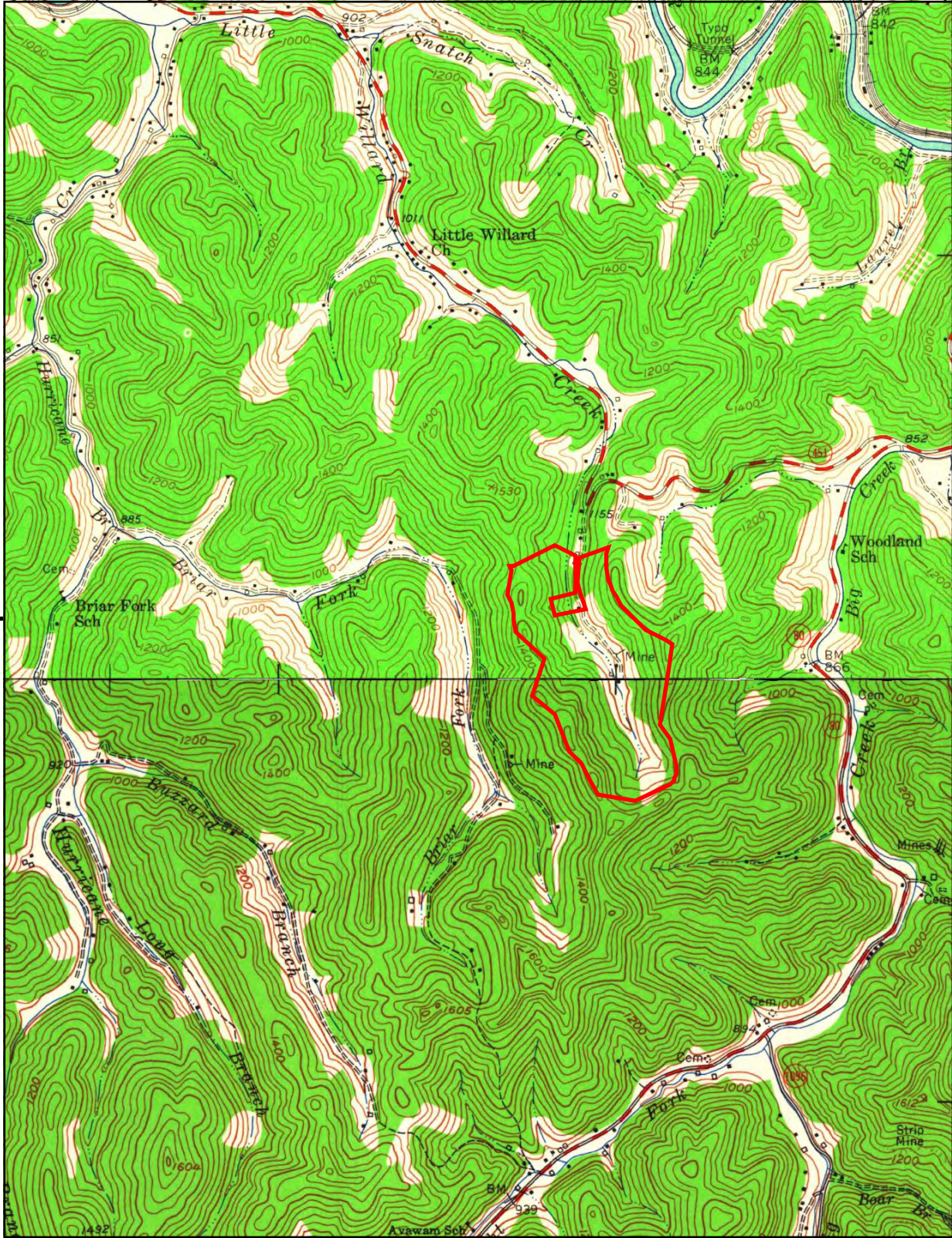
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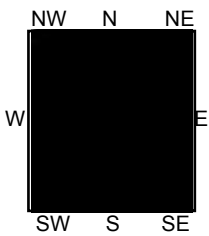
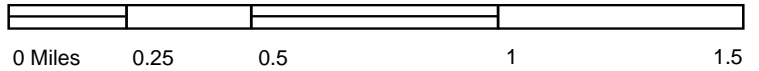
SITE NAME: Skyview Site - Perry County
ADDRESS: Hal Rogers Parkway
 Hazard, KY 41701
CLIENT: Kentucky Division of Compliance





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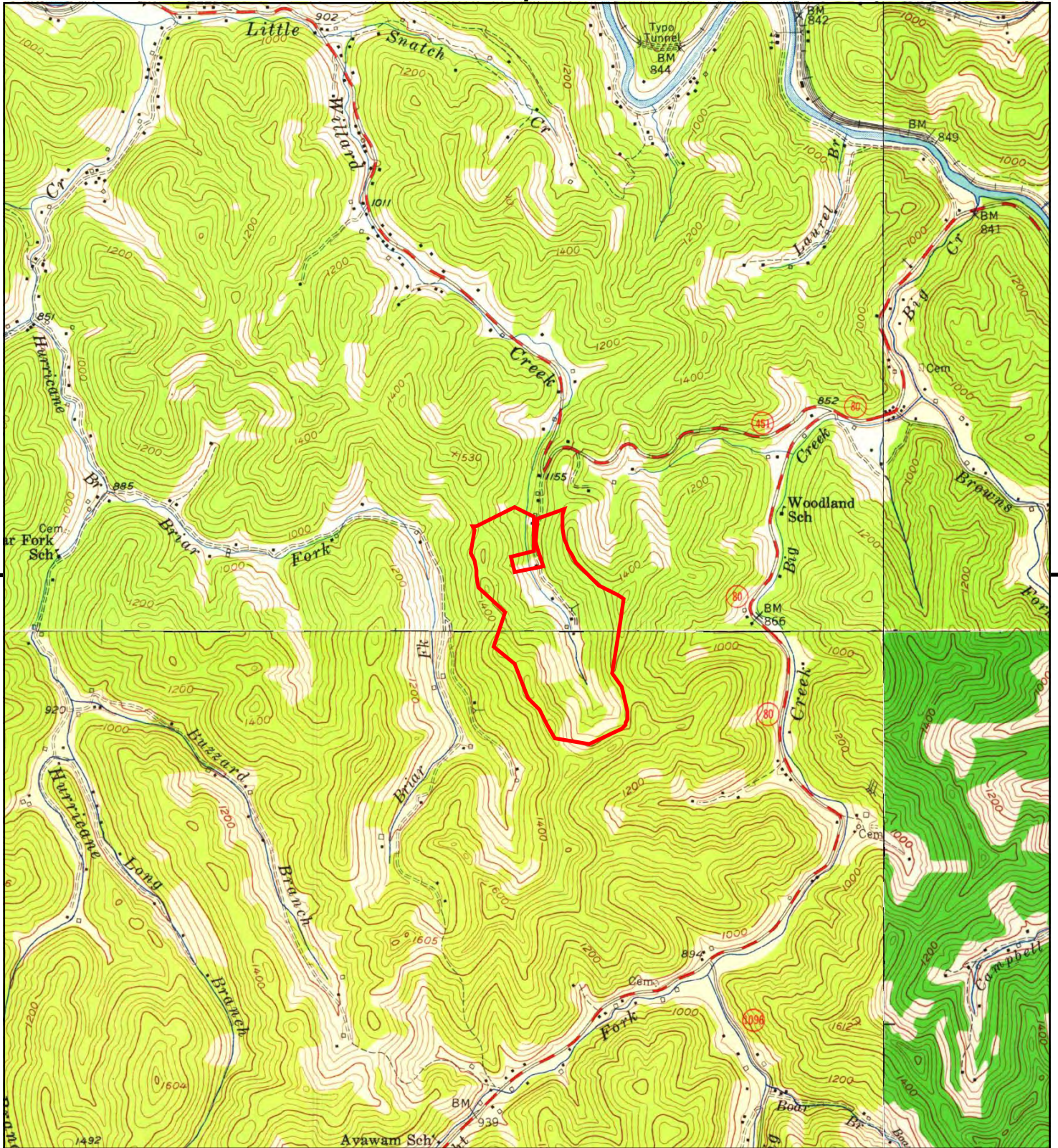
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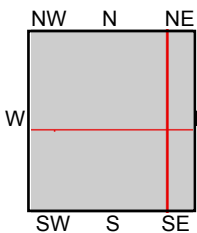
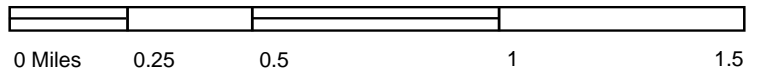
TP, Krypton, 1961, 7.5-minute
SW, Hyden East, 1961, 7.5-minute

SITE NAME: Skyview Site - Perry County
ADDRESS: Hal Rogers Parkway
Hazard, KY 41701
CLIENT: Kentucky Division of Compliance





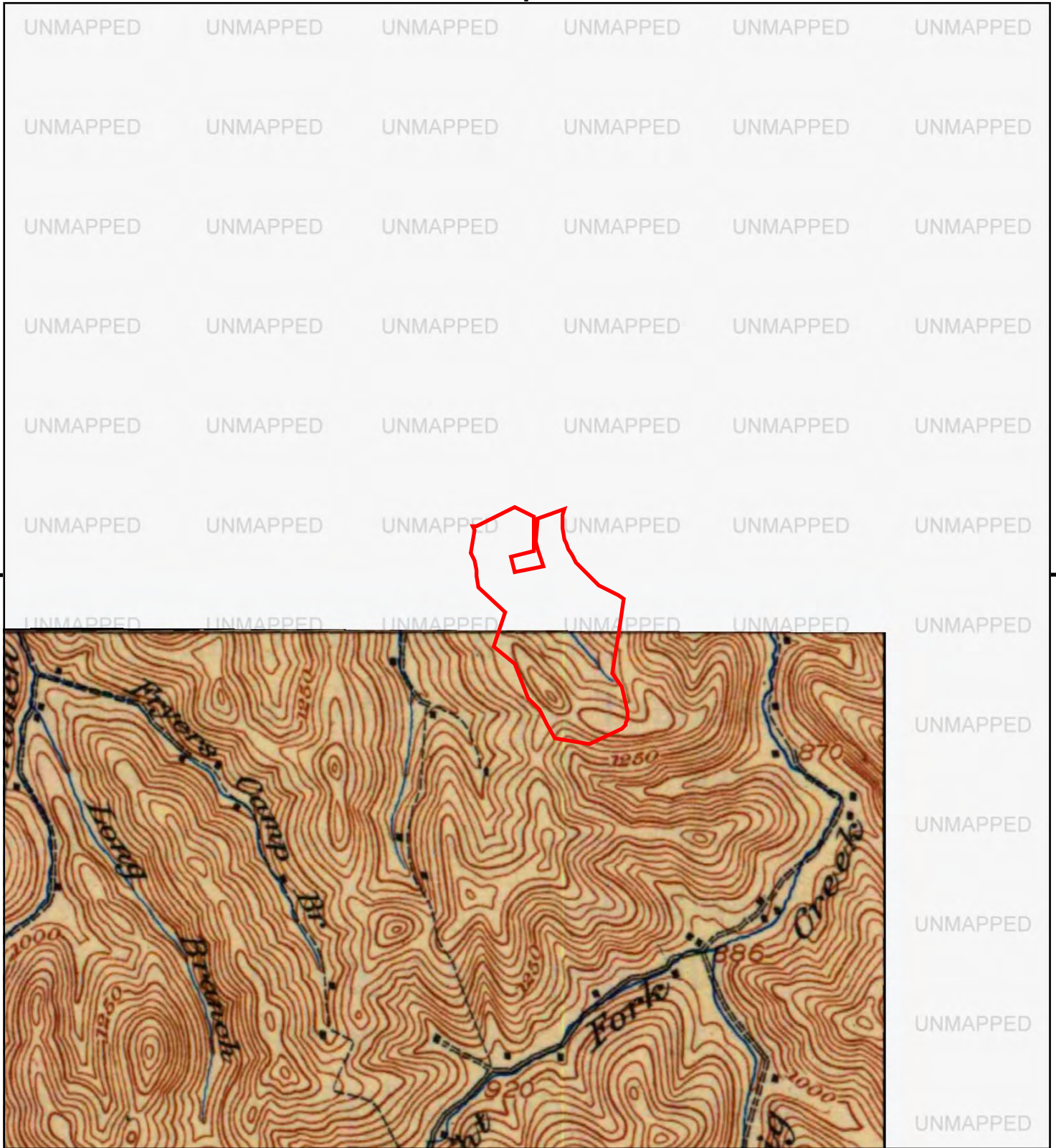
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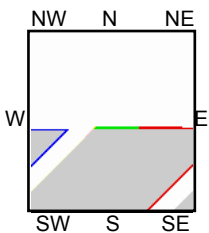
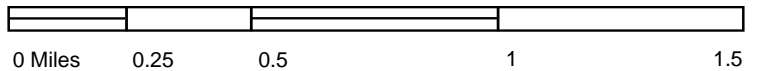
TP, Krypton, 1954, 7.5-minute
 NE, Hazard North, 1954, 7.5-minute
 SE, Hazard South, 1954, 7.5-minute
 SW, Hyden East, 1954, 7.5-minute

SITE NAME: Skyview Site - Perry County
ADDRESS: Hal Rogers Parkway
 Hazard, KY 41701
CLIENT: Kentucky Division of Compliance





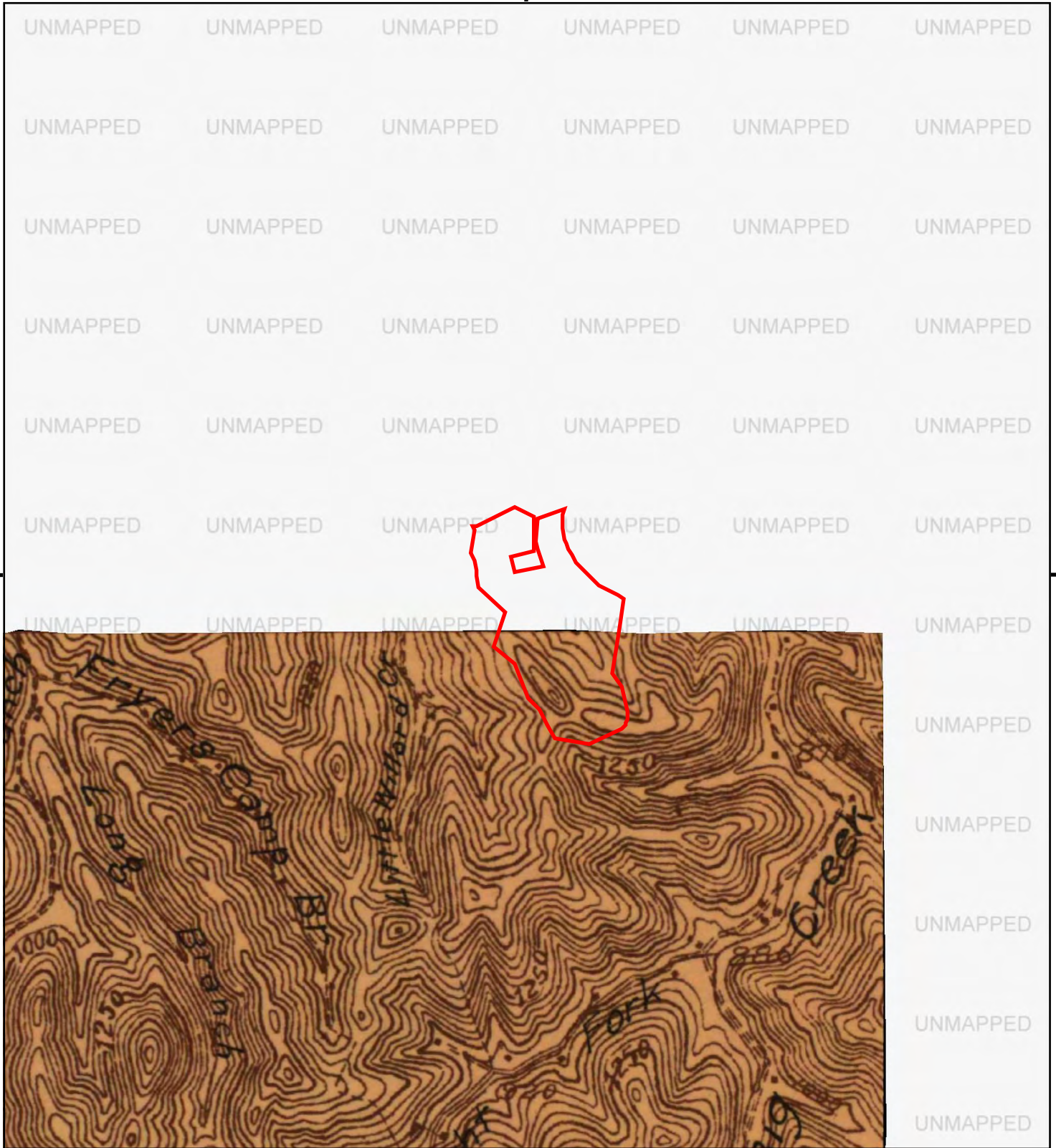
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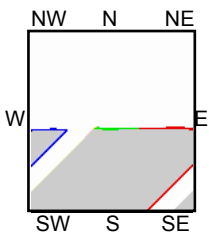
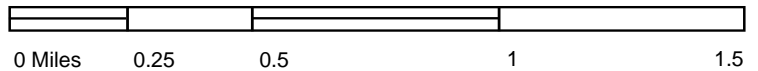
SW, Hyden, 1919, 15-minute

SITE NAME: Skyview Site - Perry County
ADDRESS: Hal Rogers Parkway
Hazard, KY 41701
CLIENT: Kentucky Division of Compliance





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



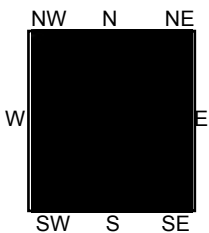
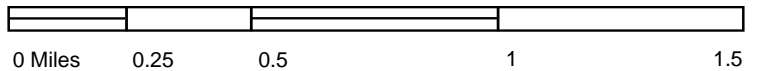
SW, Hyden, 1916, 15-minute

SITE NAME: Skyview Site - Perry County
ADDRESS: Hal Rogers Parkway
Hazard, KY 41701
CLIENT: Kentucky Division of Compliance





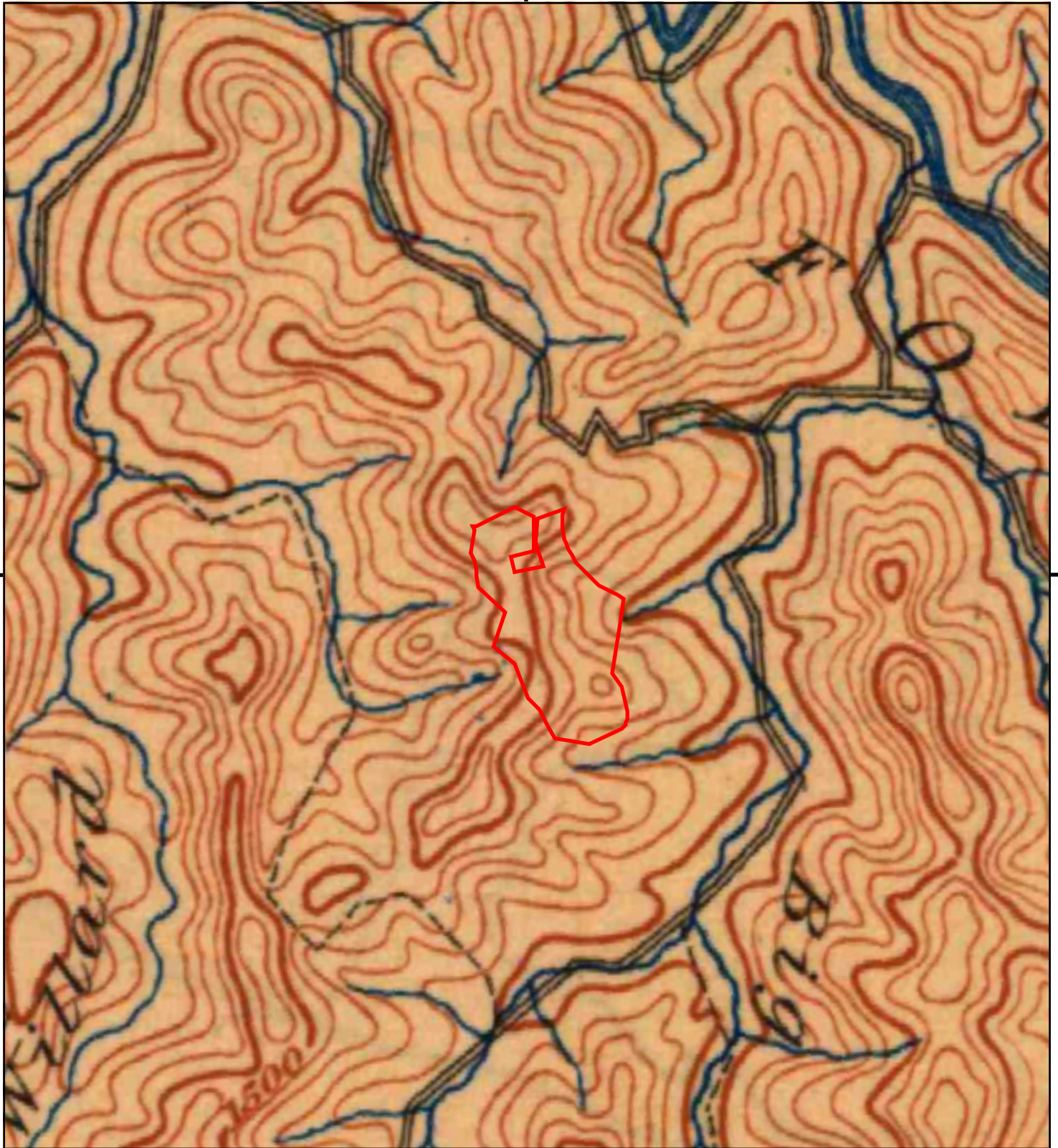
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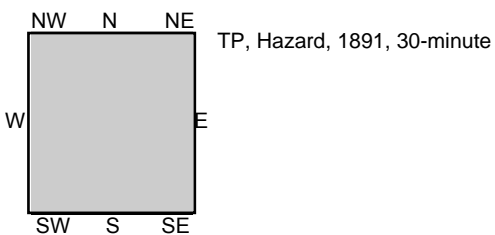
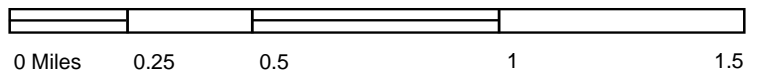
TP, Buckhorn, 1913, 15-minute
 NE, Troublesome, 1914, 15-minute
 SE, Cornettsville, 1916, 15-minute

SITE NAME: Skyview Site - Perry County
 ADDRESS: Hal Rogers Parkway
 Hazard, KY 41701
 CLIENT: Kentucky Division of Compliance





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



SITE NAME: Skyview Site - Perry County
ADDRESS: Hal Rogers Parkway
Hazard, KY 41701
CLIENT: Kentucky Division of Compliance



Skyview Site - Perry County

Hal Rogers Parkway
Hazard, KY 41701

Inquiry Number: 7321455.5
May 02, 2023

The EDR-City Directory Image Report

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SECTION

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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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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 type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information
2014	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information
2010	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information
2005	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information
2000	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information
1995	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information
1992	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information

FINDINGS

TARGET PROPERTY STREET

Hal Rogers Parkway
Hazard, KY 41701

Year CD Image Source

HAL ROGERS PKWY

2017 pg A1 Cole Information

HAL ROGERS PKWY(HWY 9006)

2020	-	EDR Digital Archive	Target and Adjoining not listed in Source
2014	-	Cole Information	Target and Adjoining not listed in Source
2010	-	Cole Information	Target and Adjoining not listed in Source
2005	-	Cole Information	Target and Adjoining not listed in Source
2000	-	Cole Information	Target and Adjoining not listed in Source
1995	-	Cole Information	Target and Adjoining not listed in Source
1992	-	Cole Information	Target and Adjoining not listed in Source

SKYVIEW LN

2020	-	EDR Digital Archive	Street not listed in Source
2017	-	Cole Information	Street not listed in Source
2014	-	Cole Information	Street not listed in Source
2010	-	Cole Information	Street not listed in Source
2005	-	Cole Information	Street not listed in Source
2000	-	Cole Information	Street not listed in Source
1995	-	Cole Information	Street not listed in Source
1992	-	Cole Information	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street

✓

Cross Street


-

Source

Cole Information

HAL ROGERS PKWY 2017

764 THE BODY SHOP



Skyview Site - Perry County

Hal Rogers Parkway

Hazard, KY 41701

Inquiry Number: 7321455.8

April 28, 2023

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

04/28/23

Site Name:

Skyview Site - Perry County
Hal Rogers Parkway
Hazard, KY 41701
EDR Inquiry # 7321455.8

Client Name:

Kentucky Division of Compliance
300 Sower Blvd.
Frankfort, KY 40601
Contact: Derek Bozell



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2020	1"=625'	Flight Year: 2020	USDA/NAIP
2016	1"=625'	Flight Year: 2016	USDA/NAIP
2012	1"=625'	Flight Year: 2012	USDA/NAIP
2008	1"=625'	Flight Year: 2008	USDA/NAIP
1995	1"=625'	Acquisition Date: January 01, 1995	USGS/DOQQ
1988	1"=625'	Flight Date: March 27, 1988	USGS
1977	1"=625'	Flight Date: March 04, 1977	USGS
1960	1"=625'	Flight Date: October 13, 1960	USGS
1953	1"=625'	Flight Date: April 05, 1953	USGS

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INQUIRY #: 7321455.8

YEAR: 2020

— = 625'





INQUIRY #: 7321455.8

YEAR: 2016

— = 625'





INQUIRY #: 7321455.8

YEAR: 2012

— = 625'





INQUIRY #: 7321455.8

YEAR: 2008

— = 625'





INQUIRY #: 7321455.8

YEAR: 1995

 = 625'





INQUIRY #: 7321455.8

YEAR: 1988

 = 625'



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

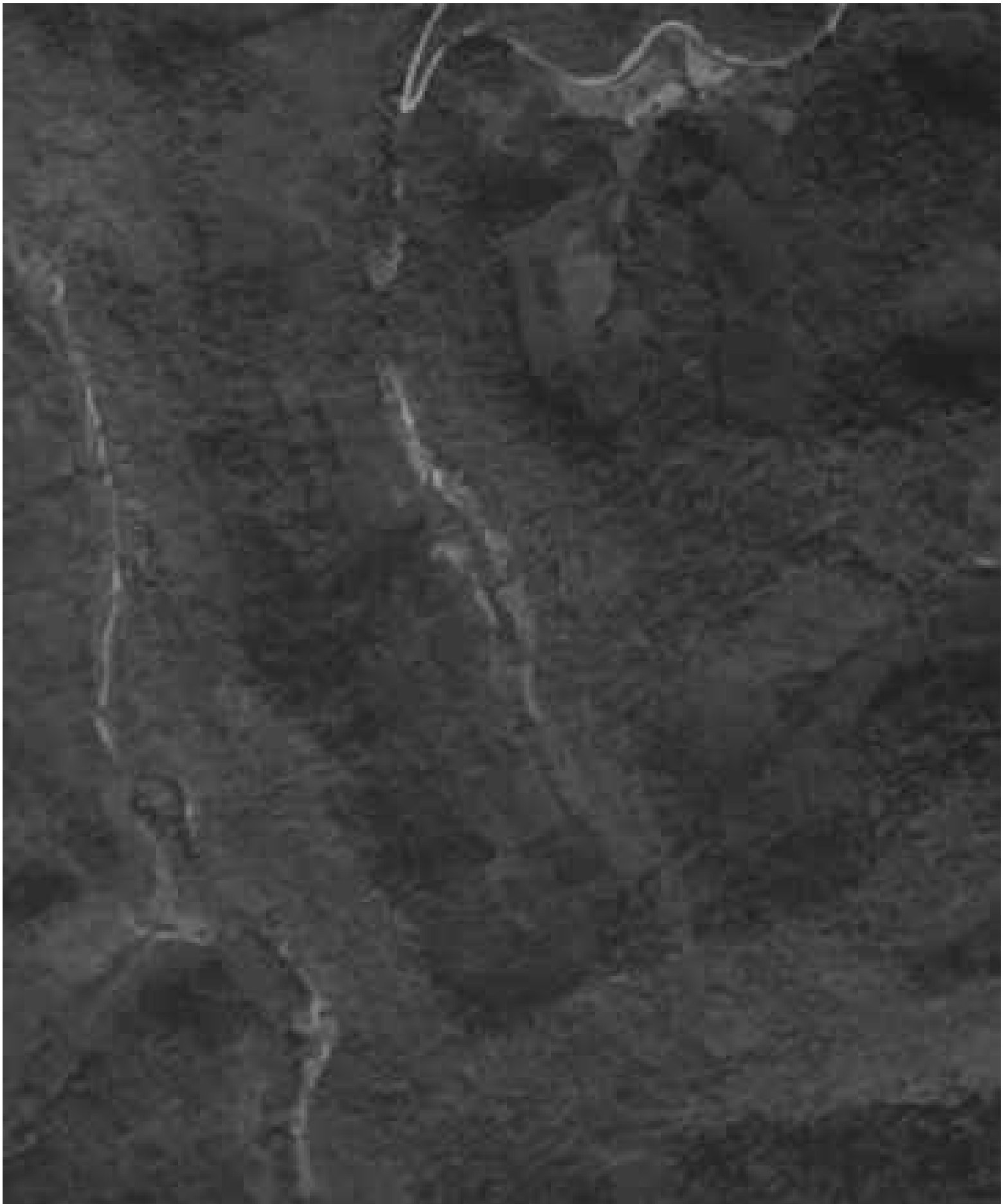


INQUIRY #: 7321455.8

YEAR: 1977

— = 625'





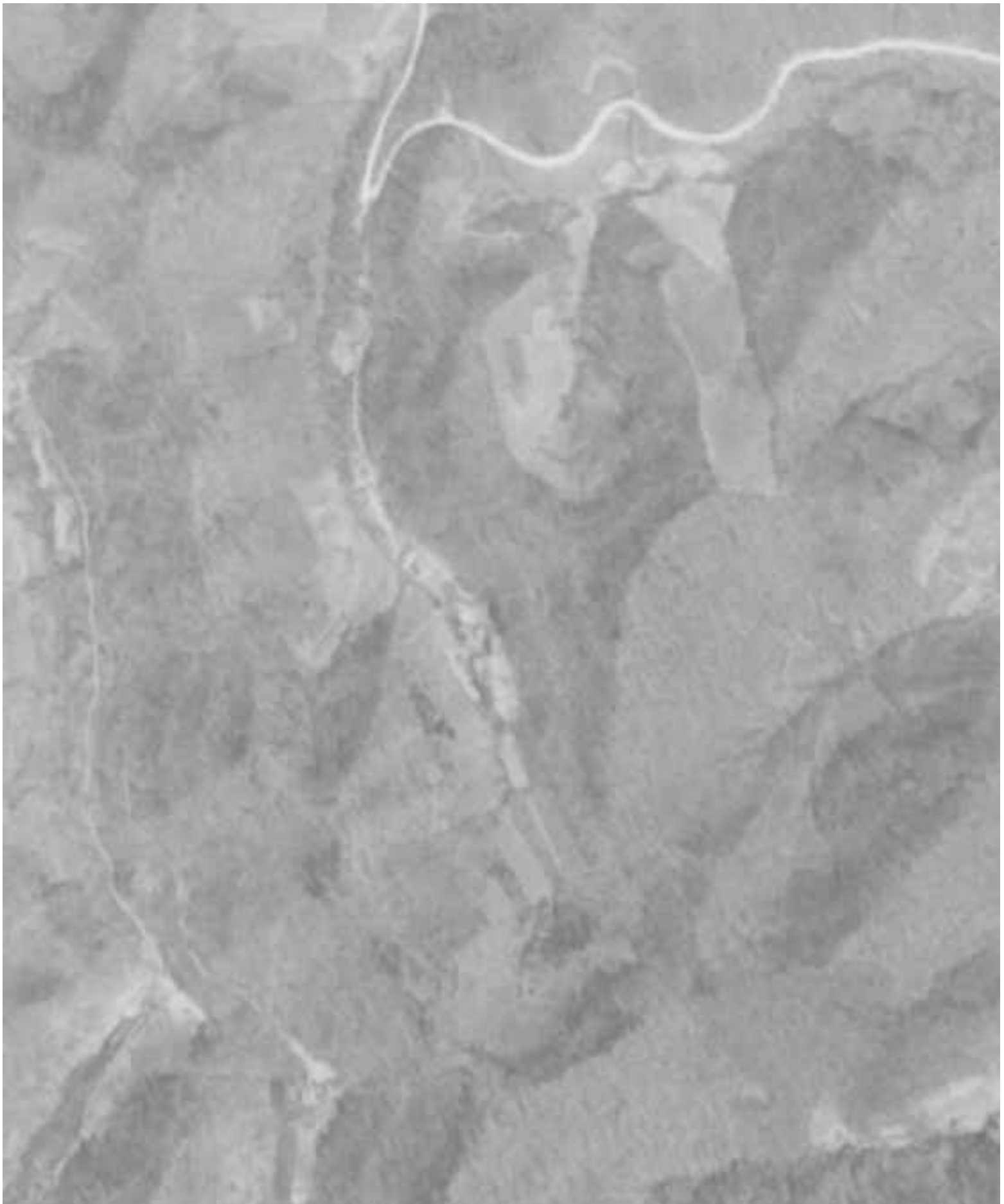
INQUIRY #: 7321455.8

YEAR: 1960

 = 625'



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



INQUIRY #: 7321455.8

YEAR: 1953

 = 625'



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

Appendix C

Site Reconnaissance

Photographs

May 10, 2023



Photo 1: Gravel road on NE portion of site; midway between Skyview Lane and gate.
Orientation: North facing view



Photo 2: Gravel road on the NE portion of site; Frontline Ministries visible in distance.
Orientation: North facing view



Photo 3: Vegetation off gravel road on NE portion of site; midway between Skyview Lane and gate.
Orientation: Northwest facing view



Photo 4: View of the pond from Skyview Lane.
Orientation: West facing view



Photo 5: SW corner of the pond; vegetation obstructing view.
Orientation: North facing view



Photo 6: S of the pond on-site; vegetation obstructing view.
Orientation: North facing view



Photo 7: SE corner of pond; vegetation obstructing view.
Orientation: Northwest facing view



Photo 8: N part of site; picture taken from adjacent property.
Orientation: West facing view



Photo 9: N part of site; picture taken from adjacent property.
Orientation: Southwest facing view



Photo 10: W side of adjacent property with drainage issues.
Orientation: Southwest facing view



Photo 11: W side of adjacent property with drainage issues.
Orientation: West facing view



Photo 12: Center of subject site.
Orientation: South facing view



Photo 13: NE part of site; photo taken from adjacent property.
Orientation: East facing view



Photo 14: Central portion of site near coordinates for oil well.
Orientation: West facing view



Photo 15: Center of site; photo taken from adjacent property.
Orientation: South facing view



Photo 16: Area where the coordinates for the oil well are.
Orientation: West facing view



Photo 17: Gravel road on the NE portion of site; close to Skyview Lane.

Orientation: South facing view



Photo 18: Gravel road on east central portion of site; just south of the gate.

Orientation: South facing view



Photo 19: Gate on gravel road; east central portion of site.

Orientation: South facing view



Photo 20: SE part of subject site.

Orientation: East facing view



Photo 21: Southeast corner of subject property.
Orientation: Southeast facing view



Photo 22: Southern edge of subject site showing a survey marker.
Orientation: South facing view



Photo 23: Southern edge of subject site showing a survey marker.
Orientation: South facing view



Photo 24: SW part of subject site.
Orientation: West facing view



Photo 25: Vegetation on SW corner of property.
Orientation: West facing view



Photo 26: Area where coordinates for the domestic use well are;
thick vegetation restricted access.
Orientation: East facing view



Photo 27: View of the gravel road on the western side of the
property.
Orientation: North facing view



Photo 28: View of the central part of the western side of the
property; vehicle is parked on gravel road.
Orientation: West facing view



Photo 29: North central portion of western side of site; photo taken from closest accessible area to the domestic well coordinates.
Orientation: Northwest facing view



Photo 31: South central portion of western side of site; photo taken from closest accessible area to the domestic well coordinates.
Orientation: Southwest facing view



Photo 30: Cell tower engine on northern portion of property.
Orientation: North facing view



Photo 32: View of western edge of subject site off gravel road.
Orientation: North facing view



Photo 33: Western side of subject property; cell tower is visible in distance.
Orientation: North facing view



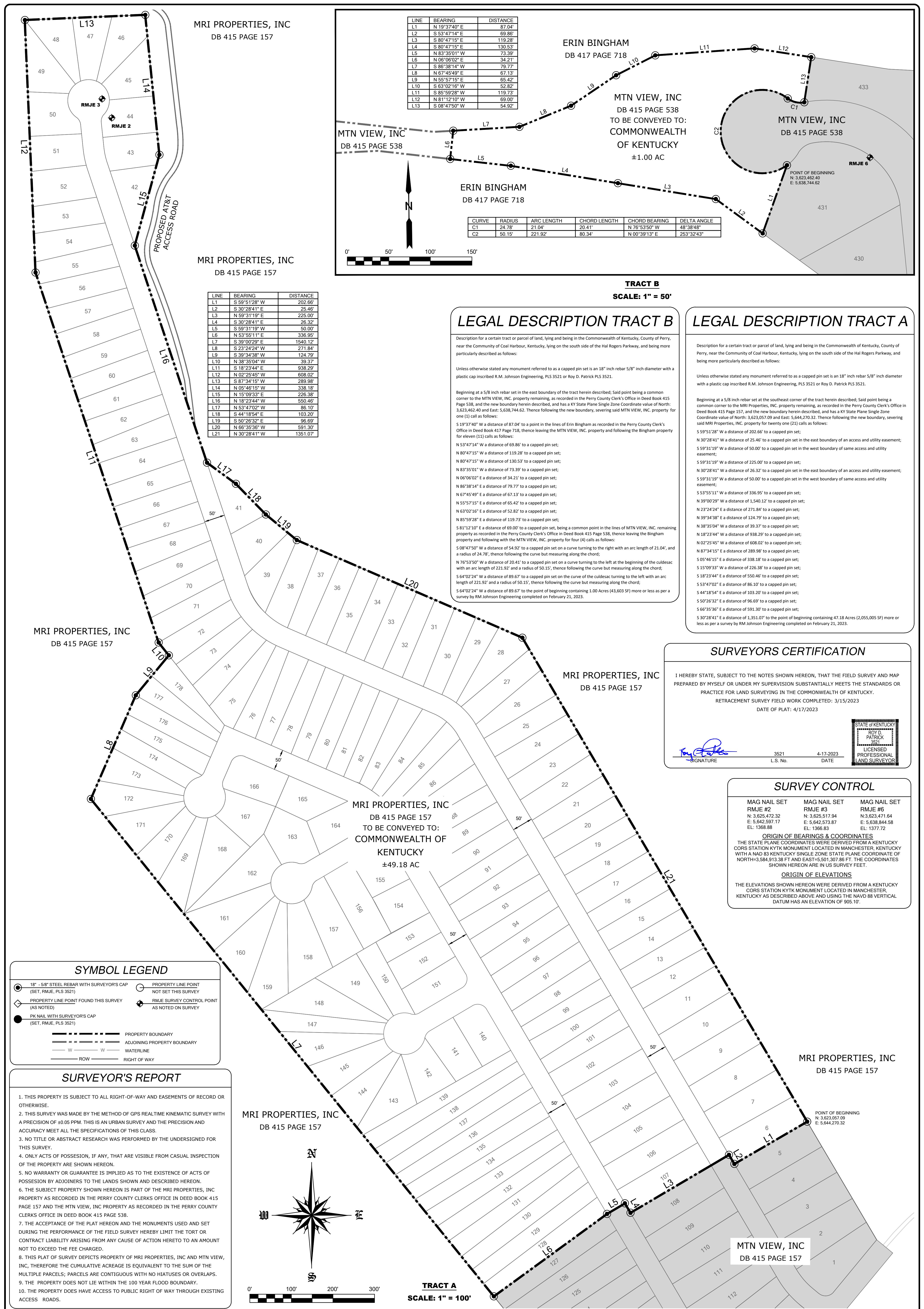
Photo 34: View of western edge of subject site off gravel road.
Orientation: South facing view



Photo 35: Gate on the east central portion of the subject site.
Orientation: South facing view

Appendix D

Plat Map



LINE	BEARING	DISTANCE
L1	N 19°37'40" E	87.04'
L2	S 53°47'11" E	69.86'
L3	S 80°47'15" E	119.28'
L4	S 80°47'15" E	130.53'
L5	N 83°35'01" W	73.39'
L6	N 06°06'02" E	34.21'
L7	S 86°38'14" W	79.77'
L8	N 67°45'49" E	67.13'
L9	N 55°57'15" E	65.42'
L10	S 63°02'16" W	52.82'
L11	S 85°59'28" W	119.73'
L12	N 81°12'10" W	69.00'
L13	S 08°47'50" W	54.92'

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	24.78'	21.04'	20.41'	N 76°53'50" W	48°38'48"
C2	50.15'	221.92'	80.34'	N 00°39'13" E	253°32'43"

LINE	BEARING	DISTANCE
L1	S 59°51'28" W	202.66'
L2	S 30°28'41" E	25.46'
L3	N 59°31'19" E	225.00'
L4	S 30°28'41" E	26.32'
L5	S 59°31'19" W	50.00'
L6	N 53°55'11" E	336.95'
L7	S 39°00'29" E	1540.12'
L8	S 23°24'24" W	271.84'
L9	S 39°34'38" W	124.79'
L10	N 38°35'04" W	39.37'
L11	S 18°23'44" E	938.29'
L12	N 02°25'45" W	608.02'
L13	S 87°34'15" W	289.98'
L14	N 05°46'15" W	338.18'
L15	N 15°09'33" E	226.38'
L16	N 18°23'44" W	550.46'
L17	N 53°47'02" E	86.10'
L18	S 44°18'54" E	103.20'
L19	S 50°26'32" E	96.69'
L20	N 66°35'36" W	591.30'
L21	N 30°28'41" W	1351.07'

LEGAL DESCRIPTION TRACT B

Description for a certain tract or parcel of land, lying and being in the Commonwealth of Kentucky, County of Perry, near the Community of Coal Harbour, Kentucky, lying on the south side of the Hal Rogers Parkway, and being more particularly described as follows:

Unless otherwise stated any monument referred to as a capped pin set is an 18" inch rebar 5/8" inch diameter with a plastic cap inscribed R.M. Johnson Engineering, PLS 3521 or Roy D. Patrick PLS 3521.

Beginning at a 5/8 inch rebar set in the east boundary of the tract herein described; Said point being a common corner to the MTN VIEW, INC. property remaining, as recorded in the Perry County Clerk's Office in Deed Book 415 Page 538, and the new boundary herein described, and has a KY State Plane Single Zone Coordinate value of North: 3,623,462.40 and East: 5,638,744.62. Thence following the new boundary, severing said MTN VIEW, INC. property for one (1) call as follows:

- S 19°37'40" W a distance of 87.04' to a point in the lines of Erin Bingham as recorded in the Perry County Clerk's Office in Deed Book 417 Page 718, thence leaving the MTN VIEW, INC. property and following the Bingham property for eleven (11) calls as follows:
 - N 53°47'14" W a distance of 69.86' to a capped pin set;
 - N 80°47'15" W a distance of 119.28' to a capped pin set;
 - N 80°47'15" W a distance of 130.53' to a capped pin set;
 - N 83°35'01" W a distance of 73.39' to a capped pin set;
 - N 06°06'02" E a distance of 34.21' to a capped pin set;
 - N 86°38'14" E a distance of 79.77' to a capped pin set;
 - N 67°45'49" E a distance of 67.13' to a capped pin set;
 - N 55°57'15" E a distance of 65.42' to a capped pin set;
 - N 63°02'16" W a distance of 52.82' to a capped pin set;
 - N 85°59'28" E a distance of 119.73' to a capped pin set;
 - S 81°12'10" W a distance of 69.00' to a capped pin set, being a common point in the lines of MTN VIEW, INC. remaining property as recorded in the Perry County Clerk's Office in Deed Book 415 Page 538, thence leaving the Bingham property and following with the MTN VIEW, INC. property for four (4) calls as follows:
 - S 08°47'50" W a distance of 54.92' to a capped pin set on a curve turning to the right with an arc length of 21.04', and a radius of 24.78', thence following the curve but measuring along the chord;
 - N 76°53'50" W a distance of 20.41' to a capped pin set on a curve turning to the left at the beginning of the culdesac with an arc length of 221.92' and a radius of 50.15', thence following the curve but measuring along the chord;
 - S 64°02'24" W a distance of 89.67' to a capped pin set on the curve of the culdesac turning to the left with an arc length of 221.92' and a radius of 50.15', thence following the curve but measuring along the chord;
 - S 64°02'24" W a distance of 89.67' to the point of beginning containing 1.00 Acres (43,603 SF) more or less as per a survey by RM Johnson Engineering completed on February 21, 2023.

LEGAL DESCRIPTION TRACT A

Description for a certain tract or parcel of land, lying and being in the Commonwealth of Kentucky, County of Perry, near the Community of Coal Harbour, Kentucky, lying on the south side of the Hal Rogers Parkway, and being more particularly described as follows:

Unless otherwise stated any monument referred to as a capped pin set is an 18" inch rebar 5/8" inch diameter with a plastic cap inscribed R.M. Johnson Engineering, PLS 3521 or Roy D. Patrick PLS 3521.

Beginning at a 5/8 inch rebar set at the southeast corner of the tract herein described; Said point being a common corner to the MRI Properties, INC. property remaining, as recorded in the Perry County Clerk's Office in Deed Book 415 Page 157, and the new boundary herein described, and has a KY State Plane Single Zone Coordinate value of North: 3,623,057.09 and East: 5,644,270.32. Thence following the new boundary, severing said MRI Properties, INC. property for twenty one (21) calls as follows:

- S 59°51'28" W a distance of 202.66' to a capped pin set;
- N 30°28'41" W a distance of 25.46' to a capped pin set in the east boundary of an access and utility easement;
- S 59°31'19" W a distance of 225.00' to a capped pin set;
- S 59°31'19" W a distance of 26.32' to a capped pin set in the east boundary of an access and utility easement;
- S 59°31'19" W a distance of 50.00' to a capped pin set in the west boundary of same access and utility easement;
- S 53°55'11" W a distance of 336.95' to a capped pin set;
- N 39°00'29" W a distance of 1,540.12' to a capped pin set;
- N 23°24'24" E a distance of 271.84' to a capped pin set;
- N 39°34'38" E a distance of 124.79' to a capped pin set;
- N 38°35'04" W a distance of 39.37' to a capped pin set;
- N 18°23'44" W a distance of 938.29' to a capped pin set;
- N 02°25'45" W a distance of 608.02' to a capped pin set;
- N 87°34'15" W a distance of 289.98' to a capped pin set;
- S 05°46'15" W a distance of 338.18' to a capped pin set;
- S 15°09'33" W a distance of 226.38' to a capped pin set;
- S 18°23'44" W a distance of 550.46' to a capped pin set;
- S 53°47'02" E a distance of 86.10' to a capped pin set;
- S 44°18'54" E a distance of 103.20' to a capped pin set;
- S 50°26'32" E a distance of 96.69' to a capped pin set;
- S 66°35'36" W a distance of 591.30' to a capped pin set;
- S 30°28'41" W a distance of 1,351.07' to the point of beginning containing 47.18 Acres (2,055,005 SF) more or less as per a survey by RM Johnson Engineering completed on February 21, 2023.

SURVEYORS CERTIFICATION

I HEREBY STATE, SUBJECT TO THE NOTES SHOWN HEREON, THAT THE FIELD SURVEY AND MAP PREPARED BY MYSELF OR UNDER MY SUPERVISION SUBSTANTIALLY MEETS THE STANDARDS OR PRACTICE FOR LAND SURVEYING IN THE COMMONWEALTH OF KENTUCKY.
 RETRACEMENT SURVEY FIELD WORK COMPLETED: 3/15/2023
 DATE OF PLAT: 4/17/2023

STATE OF KENTUCKY
 ROY D. PATRICK
 3521
 LICENSED PROFESSIONAL LAND SURVEYOR
 SIGNATURE: [Signature] L.S. No. 3521 DATE: 4-17-2023

SURVEY CONTROL

MAG NAIL SET	MAG NAIL SET	MAG NAIL SET
RMJE #2	RMJE #3	RMJE #6
N: 3,625,472.32 E: 5,642,597.17 EL: 1368.88	N: 3,625,517.94 E: 5,642,573.87 EL: 1366.83	N: 3,623,471.64 E: 5,638,844.58 EL: 1377.72

ORIGIN OF BEARINGS & COORDINATES
 THE STATE PLANE COORDINATES WERE DERIVED FROM A KENTUCKY CORS STATION KYTK MONUMENT LOCATED IN MANCHESTER, KENTUCKY WITH A NAD 83 KENTUCKY SINGLE ZONE STATE PLANE COORDINATE OF NORTH=3,584,913.38 FT AND EAST=5,501,307.86 FT. THE COORDINATES SHOWN HEREON ARE IN US SURVEY FEET.

ORIGIN OF ELEVATIONS
 THE ELEVATIONS SHOWN HEREON WERE DERIVED FROM A KENTUCKY CORS STATION KYTK MONUMENT LOCATED IN MANCHESTER, KENTUCKY AS DESCRIBED ABOVE AND USING THE NAVD 88 VERTICAL DATUM HAS AN ELEVATION OF 905.10'.

SYMBOL LEGEND

- 18" - 5/8" STEEL REBAR WITH SURVEYOR'S CAP (SET, RMJE, PLS 3521)
- PROPERTY LINE POINT FOUND THIS SURVEY (AS NOTED)
- PK NAIL WITH SURVEYOR'S CAP (SET, RMJE, PLS 3521)
- PROPERTY LINE POINT NOT SET THIS SURVEY
- RMJE SURVEY CONTROL POINT AS NOTED ON SURVEY
- PROPERTY BOUNDARY
- ADJOINING PROPERTY BOUNDARY
- WATERLINE
- ROW
- RIGHT OF WAY

SURVEYOR'S REPORT

- THIS PROPERTY IS SUBJECT TO ALL RIGHT-OF-WAY AND EASEMENTS OF RECORD OR OTHERWISE.
- THIS SURVEY WAS MADE BY THE METHOD OF GPS REALTIME KINEMATIC SURVEY WITH A PRECISION OF ±0.05 PPM. THIS IS AN URBAN SURVEY AND THE PRECISION AND ACCURACY MEET ALL THE SPECIFICATIONS OF THIS CLASS.
- NO TITLE OR ABSTRACT RESEARCH WAS PERFORMED BY THE UNDERSIGNED FOR THIS SURVEY.
- ONLY ACTS OF POSSESSION, IF ANY, THAT ARE VISIBLE FROM CASUAL INSPECTION OF THE PROPERTY ARE SHOWN HEREON.
- NO WARRANTY OR GUARANTEE IS IMPLIED AS TO THE EXISTENCE OF ACTS OF POSSESSION BY ADJOINERS TO THE LANDS SHOWN AND DESCRIBED HEREON.
- THE SUBJECT PROPERTY SHOWN HEREON IS PART OF THE MRI PROPERTIES, INC PROPERTY AS RECORDED IN THE PERRY COUNTY CLERKS OFFICE IN DEED BOOK 415 PAGE 157 AND THE MTN VIEW, INC PROPERTY AS RECORDED IN THE PERRY COUNTY CLERKS OFFICE IN DEED BOOK 415 PAGE 538.
- THE ACCEPTANCE OF THE PLAT HEREON AND THE MONUMENTS USED AND SET DURING THE PERFORMANCE OF THE FIELD SURVEY HEREBY LIMIT THE TORT OR CONTRACT LIABILITY ARISING FROM ANY CAUSE OF ACTION HERETO TO AN AMOUNT NOT TO EXCEED THE FEE CHARGED.
- THIS PLAT OF SURVEY DEPICTS PROPERTY OF MRI PROPERTIES, INC AND MTN VIEW, INC, THEREFORE THE CUMULATIVE ACREAGE IS EQUIVALENT TO THE SUM OF THE MULTIPLE PARCELS; PARCELS ARE CONTIGUOUS WITH NO HIATUSES OR OVERLAPS.
- THE PROPERTY DOES NOT LIE WITHIN THE 100 YEAR FLOOD BOUNDARY.
- THE PROPERTY DOES HAVE ACCESS TO PUBLIC RIGHT OF WAY THROUGH EXISTING ACCESS ROADS.

TRACT A AND B PLAT

SCALE:	AS SHOWN	REVISIONS
JOB No.:	21-026	1 SUBDIVIDED TO 1/4 AND 1/3 AC LOTS 2-9-23
DESIGNED BY:		
DETAILED BY:	JBS	
CHECKED BY:	RMJ	
DATE:	4-17-2023	
COPYRIGHT © 2023 R.M. JOHNSON ENGINEERING, INC.		

SKY VIEW ESTATES
 SKY VIEW LANE, PERRY COUNTY, KENTUCKY
 TO BE CONVEYED TO:
 COMMONWEALTH OF KENTUCKY

RMJE
 3213 Summit Square Place
 Suite 100
 Lexington, KY 40509
 (859)543-1256
 P.O. Box 444
 Hindman, KY 41822
 (606)785-5926

SHT 2 OF 2

Appendix E
Title Opinion



CAMPBELL ROGERS & STACY PLLC
ATTORNEYS at LAW

February 24th, 2023

Finance and Administration Cabinet
Department of Facilities and Support Services
Division of Real Properties
Attn: Luka Bowman, PMPA II
Bush Building 3rd Floor
403 Wapping Street
Frankfort, Ky 40601

Dear Ms. Bowman:

Re: **Title Opinion:** Perry County, Sky View Estates project.
Effective Date of Opinion: February 24th, 2023
Beneficiary of Opinion: Commonwealth of Kentucky

Dear Ms. Bowman,

Pursuant to your request, we have examined the properly indexed records of the Perry County Clerk relative to the property of MRI Properties, Inc. by virtue of the Deed of Conveyance to MRI Properties, Inc. dated May 11th, 2021 of record in Deed Book 415, Page 157 of the Perry County Clerk's office, specifically Tracts 1, 2, 4 and 20 therein for a period ending February 24th, 2023.

Based on our examinations, and subject to the exceptions and qualifications set forth below, it is our opinion that as of the time and date referred to above, record title to the Perry County property is owned by MRI Properties, Inc., except as noted below.

In the course of our examination, we found of record in the properly indexed records of the Perry County Clerk, no mortgages, no vendor's liens, no mechanic's liens, no lis pendens nor any other encumbrances of record pertaining to the subject property, with the exception of those listed below. Mineral rights have not been severed from the property and are vested with MRI Properties, Inc. by virtue of their Deed subject to exceptions set forth below.

Exception as to the whole property (all tracts and subparcels):

1. Power line easement from MRI Properties, Inc. to Kentucky Power Company dated April 14th, 2022 of record in Deed Book 422, Page 528. Does not describe location.

Due to the multiple properties contained in the above Deed, each Tract and subparcel will be addressed separately as follows:

I. TRACT 1

Tract 1 is owned by Mtn. View, Inc. by virtue of two Deeds of Conveyance: Mtn. View, Inc. from MRI Properties, Inc. dated October 14th, 2021 of record in Deed Book 418, Page 267, and from the Estate of Roy Campbell, June C. Ison and Paul Michael Ison, individually and as co-executors dated June 7th, 2021 of record in Deed Book 415, Page 538.

36.68 acres referenced as Deed Book 297, Page 550, traced back to a Deed dated November 19th, 1898, Mortgage Book 2, Page 25.

NOTE: The property to be searched was identified as Tract 1 of Deed Book 415, Page 157 which referenced Deed Book 297, Page 550, 36.68 acres. The Deeds to Mtn. View, Inc. (Deed Book 418, Page 267 and Deed Book 415, Page 538), also include two additional tracts, Tracts 1 and 2, both legal descriptions without stated acreage. Those Deeds state that the subject 36.68 acres is within Tracts 1 and 2. However, the source deeds for Tracts 1 and 2 are separate and distinct from the 36.68 acres. No opinion is given herein regarding Tracts 1 and 2, except for the 36.68 acres if contained therein.

Exceptions:

1. Pipeline Easement. Property is subject to a gas pipeline easement from Roy Campbell to Cut Through Hydrocarbon dated April 26th, 2007 of record in Deed Book 331, Page 67.

2. Pipeline Easement. Property is subject to a Pipeline Easement from Kentucky Mountain Partners to West Bay Exploration Co. dated March 11th, 2002 of record in Deed Book 292, Page 347 conveying a 30 foot pipeline right of way.

3. Possible Gas Meter Site Easement. Kentucky Mountain Partners entered into a Meter Site Agreement with Kentucky and West Virginia Gas Co. dated March 11th, 2002 of record in Deed Book 292, Page 350 conveying a gas meter site easement. Said agreement contains no description of the property or back reference. Therefore, unable to determine if the easement is upon the subject property or another property.

4. Coal Lease. Property is subject to a Coal Lease from Maude Stollings and the Arnold Stollings heirs to Reeves Coal Company, Inc. dated May 1st, 1975 and of record in Lease Book 21, Page 317. Said Lease is for an initial term of 2 years, with a possible extension of 3 years, and thereafter for so long as coal is mined from the property.

Curative Action. Either a release executed and recorded of record releasing the Lease, or verification that the property is not being mined for coal.

5. Possible power line easement. Tug Baker and Elizabeth Baker granted a power line easement across the parent tract to this property to Kentucky and West Virginia Power Company by Deed dated September 16th, 1946 of record in Deed Book 90, Page 325. The parent tract was larger than this subject tract. Therefore, unable to determine if the easement is upon the subject property or the remainder of the parent tract.

II. TRACT 2

Tract 2 is owned by MRI Properties, Inc. by virtue of the Deed of Conveyance dated May 11th, 2021 of record in Deed Book 415, Page 157 of the Perry County Clerk's office.

Referenced as Deed Book 302, Page 524.

Exceptions as to all of Tract 2:

1. Power line easement from Roy Campbell estate to Kentucky Power Company dated March 16th, 2011 of record in Deed Book 358, Page 514.
2. Property is subject to an easement for purposes of installing and maintaining a sewer system, 0.30 acres, from Roy Campbell to Frontline Ministries, Inc. dated September 9th, 2010 of record in Deed Book 355, Page 762.
3. An off sale of 2.0005 acres by Deed from Roy Campbell to Frontline Ministries, Inc. dated July 24th, 2009 of record in Deed Book 348, Page 178, also including a right of way easement.
4. Oil and Gas Lease from Roy Campbell to Kinzer Business Realty Ltd dated January 20th, 2004 of record in Lease Book 54, Page 739. The term of the lease is 5 years and for so long as drilling is conducted.

Curative Action. Either a release executed and recorded of record releasing the Lease, or verification that the property is not being drilled for oil or gas.

5. Coal Lease Agreement from Roy Campbell to Perry County Coal Corporation dated December 3rd, 2003 of record in Lease Book 59, Page 139. The term of the lease is 10 years and annual 1 year renewals for so long as coal is being mined.

Curative Action. Either a release executed and recorded of record releasing the Lease, or verification that the property is not being mined for coal.

6. Power line easement from Roy Campbell estate to Kentucky Power Company dated March 16th, 2011 of record in Deed Book 358, Page 514.

Tract 2 consists of multiple separate Parcels which are address individually below.

TRACT 2, PARCEL 1

20 acres more or less traced back to Deed dated July 1st, 1876 of record in Deed Book E, Page 57.

Exceptions:

1. Coal Lease. The property is subject to an unreleased Coal Lease from Donald C. Graves and wife, Gaynell Graves, Gaylord Stacy and wife Gladys Stacy, Roy Campbell and wife Mildred Campbell, George Campbell and wife, Jackee Campbell, to Prince Resources Inc. dated June 18th, 1985 of record in Lease Book 33, Page 620. Said Lease was assigned multiple times. Reference is made to Assignments of record Lease Book 33, Page 679; Lease Book 35, Page 149; Lease Book 36, Page 36; Misc Book 24, Page 113. The last recorded holder of said Lease was Aryshire Land Company. Said lease is for a term of 8 years and for as long thereafter as coal is mined from the property.

Curative Action. Either a release executed and recorded of record releasing the Lease, or verification that the property is not being mined for coal.

2. Possible conveyance of mineral rights. Wm. K Jameson and wife, Ellen Jameson conveyed all mineral rights, including the right to use the surface for extraction, to Wm Ellison by Deed of Conveyance dated October 3rd, 1911 of record in Deed Book 25, Page 590. Said Deed conveyed two tracts 365.3 acres and 46.2 acres, both surveyed descriptions, but contained no back reference to determine the source of the title. Therefore, unable to determine if the conveyed mineral rights were on this subject property or another property of Wm. K Jameson.

Curative Action. Additional analysis, possibly by a surveyor to determine if Tract 2, Parcel 1 is in fact subject to the reservation of mineral rights. If so, obtain and record a Deed from the current holder of the rights. Otherwise, a legal action against the current holder of the rights to extinguish the claim either by adverse possession or eminent domain.

TRACT 2, PARCEL 2

1 acres more or less traced back to Deed dated January 17th, 1888 of record in Deed Book G, Page 105.

Exceptions:

1. Coal Lease. The property is subject to an unreleased Coal Lease from Donald C. Graves and wife, Gaynell Graves, Gaylord Stacy and wife Gladys Stacy, Roy Campbell and wife Mildred Campbell, George Campbell and wife, Jackee Campbell, to Prince Resources Inc. dated June 18th, 1985 of record in Lease Book 33, Page 620. Said Lease was assigned multiple times.

Reference is made to Assignments of record Lease Book 33, Page 679; Lease Book 35, Page 149; Lease Book 36, Page 36; Misc Book 24, Page 113. The last recorded holder of said Lease was Aryshire Land Company. Said lease is for a term of 8 years and for as long thereafter as coal is mined from the property.

Curative Action. Either a release executed and recorded of record releasing the Lease, or verification that the property is not being mined for coal.

2. Property is subject to a right of way easement from Donald C. Graves, Gaylord S. Stacy, Roy Campbell and George Campbell to Melvin Clutts and Melvin Earl Clutts, dated March 16th, 1987 of record in Deed Book 271, Page 534 conveying a perpetual 20 foot roadway easement.

3. Possible power line easement. William Fields granted a power line easement across the parent tract to this property to Kentucky and West Virginia Power Company by Deed dated November 28th, 1947 of record in Deed Book 94, Page 140. Unable to determine if the easement is upon the subject property or the remainder of the parent tract.

TRACT 2, PARCEL 3

50 acres more or less traced back to Deed dated January 17th, 1888 of record in Deed Book G, Page 105.

Exceptions:

1. Coal Lease. The property is subject to an unreleased Coal Lease from Donald C. Graves and wife, Gaynell Graves, Gaylord Stacy and wife Gladys Stacy, Roy Campbell and wife Mildred Campbell, George Campbell and wife, Jackee Campbell, to Prince Resources Inc. dated June 18th, 1985 of record in Lease Book 33, Page 620. Said Lease was assigned multiple times. Reference is made to Assignments of record Lease Book 33, Page 679; Lease Book 35, Page 149; Lease Book 36, Page 36; Misc Book 24, Page 113. The last recorded holder of said Lease was Aryshire Land Company. Said lease is for a term of 8 year and for as long thereafter as coal is mined from the property.

Curative Action. Either a release executed and recorded of record releasing the Lease, or verification that the property is not being mined for coal.

2. Property is subject to a right of way easement from Donald C. Graves, Gaylord S. Stacy, Roy Campbell and George Campbell to Melvin Clutts and Melvin Earl Clutts, dated March 16th, 1987 of record in Deed Book 271, Page 534 conveying a perpetual 20 foot roadway easement.

3. Subject to an Agreement by Green Baker and wife, Mattie Baker with the Commonwealth of Kentucky, Department of Highways, that the property will not have road access, dated November 22nd, 1969, of record in Deed Book 138A, Page 269.

4. An off sale of 1 acres more or less by Deed from Mattie Baker and Green Baker to Alpha Rinear dated May 2nd, 1964 of record in Deed Book 128, Page 205. This off sale being Tract 2, Parcel 2 above.

5. Power line easement. William Fields granted a power line easement across this property to Kentucky and West Virginia Power Company by Deed dated November 28th, 1947 of record in Deed Book 94, Page 140.

TRACT 2, PARCEL 4

1 acre more or less traced back to Deed dated July 1st, 1876 of record in Deed Book E, Page 57.

Exceptions:

1. Property is subject to a right of way easement from Donald C. Graves and wife, Gaynell Graves, Gaylord S. Stacy and wife, Gladys Stacy, Roy Campbell and wife, Mildred Campbell, George Campbell, and wife, Jackee Campbell to the Perry County Fiscal Court, dated February 28th, 1990 of record in Deed Book 226, Page 540 conveying a perpetual 20 foot roadway easement.

2. Coal Lease. The property is subject to an unreleased Coal Lease from Donald C. Graves and wife, Gaynell Graves, Gaylord Stacy and wife Gladys Stacy, Roy Campbell and wife Mildred Campbell, George Campbell and wife, Jackee Campbell, to Prince Resources Inc. dated June 18th, 1985 of record in Lease Book 33, Page 620. Said Lease was assigned multiple times. Reference is made to Assignments of record Lease Book 33, Page 679; Lease Book 35, Page 149; Lease Book 36, Page 36; Misc Book 24, Page 113. The last recorded holder of said Lease was Aryshire Land Company. Said lease is for a term of 8 year and for as long thereafter as coal is mined from the property.

Curative Action. Either a release executed and recorded of record releasing the Lease, or verification that the property is not being mined for coal.

3. Property is subject to a right of way easement from Donald C. Graves, Gaylord S. Stacy, Roy Campbell and George Campbell to Melvin Clutts and Melvin Earl Clutts, dated March 16th, 1987 of record in Deed Book 271, Page 534 conveying a perpetual 20 foot roadway easement.

4. An off sale of 0.35 acres from Charles Wooton and wife, Prudie Wooton to the Commonwealth of Kentucky Department of Highways dated August 5th, 1970 of record in Deed Book 138A, Page 417.

5. Subject to an Agreement by Charles Wooton and wife, Prudie Wooton with the Commonwealth of Kentucky, Department of Highways, that the property will not have road access, dated November 8th, 1969, of record in Deed Book 138A, Page 263.

6. Possible conveyance of mineral rights. Wm. K Jameson and wife, Ellen Jameson conveyed the mineral rights and rights to the surface for extraction to Wm Ellison by Deed of Conveyance dated October 3rd, 1911 of record in Deed Book 25, Page 590. Said Deed conveyed two tracts 365.3 acres and 46.2 acres, both surveyed descriptions, but contained no back reference to determine the source of the title. Therefore, unable to determine if the conveyed mineral rights were on this subject property or another property of Wm. K Jameson.

Curative Action. Additional analysis, possibly by a surveyor to determine if Tract 2, Parcel 4 is in fact subject to the reservation of mineral rights. If so, obtain and record a Deed from the current holder of the rights. Otherwise, a legal action against the current holder of the rights to extinguish the claim either by adverse possession or eminent domain.

7. Possible power line easement. Lee Crawford granted a power line easement across the parent tract to this property to Kentucky and West Virginia Power Company by Deed dated June 14th, 1946 of record in Deed Book 90, Page 354. Unable to determine if the easement is upon the subject property or the remainder of the parent tract.

TRACT 2, PARCEL 5

10 acre tract and 25 acre tract traced back to Deed dated July 1st, 1876 of record in Deed Book E, Page 57.

Exceptions:

1. Coal Lease. The property is subject to an unreleased Coal Lease from Donald C. Graves and wife, Gaynell Graves, Gaylord Stacy and wife Gladys Stacy, Roy Campbell and wife Mildred Campbell, George Campbell and wife, Jackee Campbell, to Prince Resources Inc. dated June 18th, 1985 of record in Lease Book 33, Page 620. Said Lease was assigned multiple times. Reference is made to Assignments of record Lease Book 33, Page 679; Lease Book 35, Page 149; Lease Book 36, Page 36; Misc Book 24, Page 113. The last recorded holder of said Lease was Aryshire Land Company. Said lease is for a term of 8 year and for as long thereafter as coal is mined from the property.

Curative Action. Either a release executed and recorded of record releasing the Lease, or verification that the property is not being mined for coal.

2. Property is subject to a right of way easement from Donald C. Graves, Gaylord S. Stacy, Roy Campbell and George Campbell to Melvin Clutts and Melvin Earl Clutts, dated March 16th, 1987 of record in Deed Book 271, Page 534 conveying a perpetual 20 foot roadway easement.

3. An off sale of 1 acres more or less (from the 10 acre tract) by Deed from Boyd Fields and wife, Zelfhia Fields to Charles Wooton and wife, Prudie Wooton dated November 30th, 1966 of record in Deed Book 136, Page 10. This off sale being Tract 2, Parcel 4 above.

4. An off sale of 3.06 acres by Boyd Fields and wife, Zelphia Fields to the Commonwealth of Kentucky Department of Highways dated November 21st, 1969 of record in Deed Book 138A, Page 259.

5. Possible conveyance of mineral rights. Wm. K Jameson and wife, Ellen Jameson conveyed the mineral rights to Wm Ellison by Deed of Conveyance dated October 3rd, 1911 of record in Deed Book 25, Page 590. Said Deed conveyed two tracts 365.3 acres and 46.2 acres, both surveyed descriptions, but contained no back reference to determine the source of the title. Therefore, unable to determine if the conveyed mineral rights were on this subject property or another property of Wm. K Jameson.

Curative Action. Additional analysis, possibly by a surveyor to determine if Tract 2, Parcel 5 is in fact subject to the reservation of mineral rights. If so, obtain and record a Deed from the current holder of the rights. Otherwise, a legal action against the current holder of the rights to extinguish the claim either by adverse possession or eminent domain.

6. Possible power line easement. Lee Crawford granted a power line easement across the parent tract to this property to Kentucky and West Virginia Power Company by Deed dated June 14th, 1946 of record in Deed Book 90, Page 354. Unable to determine if the easement is upon the subject property or the remainder of the parent tract.

TRACT 2, PARCEL 6

50 acres more or less traced back to Deeds dated March 22nd, 1883 of record in Deed Book Q, Page 292, and December 16th, 1890 of record in Deed Book I, Page 554.

Exceptions:

1. Pipeline Easement. Property is subject to a gas pipeline easement from Roy Campbell to Cut Through Hydrocarbon dated April 28th, 2006 of record in Lease Book 61, Page 89 and Lease Book 61, Page 93. If not constructed within 2 years the easement is void.

2. Surface lease. The property is subject to an unreleased Surface Lease for mining purposes from Donald C. Graves and wife, Gaynell Graves, Gaylord Stacy and wife Gladys Stacy, Roy Campbell and wife Mildred Campbell to Kem Coal Company dated September 17th, 1991 of record in Lease Book 40, Page 672. Said lease is for a term of 1 year and for as long thereafter as coal is mined from the property.

Curative Action. Either a release executed and recorded of record releasing the Lease, or verification that the property is not being mined for coal.

3. Property is subject to a right of way easement from Donald C. Graves and wife, Gaynell Graves, Gaylord S. Stacy and wife, Gladys Stacy, Roy Campbell and wife, Mildred Campbell, George Campbell, and wife, Jackee Campbell to the Perry County Fiscal Court, dated

February 28th, 1990 of record in Deed Book 226, Page 540 conveying a perpetual 20 foot roadway easement.

4. Property is subject to a right of way easement from Donald C. Graves and wife, Gaynell Graves, Gaylord S. Stacy and wife, Gladys Stacy, Roy Campbell and wife, Mildred Campbell to Ronald Deaton and wife Mary E. Deaton, dated September 17th, 1990 of record in Deed Book 229, Page 509 conveying a perpetual easement for ingress and egress.

5. An off sale of 10 acres more or less (from the 50 acre tract) by Deed from W G Baker and wife, Zelma Baker to Arnold Couch and wife, Oma Couch dated October 13th, 1970 of record in Deed Book 145, Page 446. This off sale being Tract II, Parcel 8 below.

6. An off sale of 19.78 acres and an additional tract by W G Baker and wife, Zelma Baker to the Commonwealth of Kentucky Department of Highways dated November 18th, 1969 of record in Deed Book 138A, Page 297.

7. Gap in chain of title. A parent tract of the subject 50 acres was a 125 acre tract acquired by James Campbell and Frank Campbell by Deed dated March 8th, 1908 of record in Deed Book 21, Page 39. Frank Campbell subsequently conveyed the property by Deed to Felix Stacy dated August 17th, 1908 of record in Deed Book 21, Page 534. There is no conveyance or transfer of record from James Campbell.

Curative Action. Most likely legal action, quiet title against the heirs, successors and assigns of James Campbell.

8. Gap in chain of title. A parent tract of the subject 50 acres was a 50 acre tract conveyed by Deed of Conveyance from Eva J Lewis, John Lewis, Arlie Sandlin, and Mary Sandlin to Dock Campbell and Emma Campbell dated August 3rd, 1945 of record in Deed Book 85, Page 438. The back reference therein is to Deed Book 35, Page 393. Deed Book 35, Page 393 is a Deed to Sylvania Williams and Eva Sandlin dated March 24th, 1917 for 125 acres. From ancillary Deeds it appears that Eva Sandlin and Eva Lewis are the same person. However, there is no conveyance or transfer of record from Sylvania Williams.

Curative Action. Most likely legal action, quiet title against the heirs, successors and assigns of Sylvania Williams.

9. A 2/10th interest in the subject property is owned by Ronald Deaton. The parent Deed for the subject 50 acres was a Deed to Henry Baker dated July 5th, 1949, of record in Deed Book 98, Page 125 consisting of two 50 acre tracts. Henry Baker died intestate July 31st, 1955. By his Affidavit of Descent of record in Deed Book 114, Page 94 his property passed to ten heirs. Maude Caudill acquired ownership of 8/10th interest as an heir of Henry Baker and by various Deeds from the other heirs. Maude Caudill transferred the property by Deed and that ownership transferred by Deed unto the current owner of Tract 2, MRI Properties, Inc. by virtue of the Deed of Conveyance dated May 11th, 2021 of record in Deed Book 415, Page 157.

1/10th went was inherited by Dave Baker, and 1/10th was inherited by Maggie Skeens.

Maggie Skeens conveyed her 1/10th interest unto Dave Baker by Deed dated September 9th, 1957 of record in Deed Book 115, Page 394. Dave Baker conveyed his interest, 2/10th in one of the 50 acre parent tracts to Pine Branch Coal Sales Inc. by Deed dated May 5th, 1967 of record in Deed Book 143, Page 219. Pine Branch Coal Sales, Inc. subsequently conveyed the 2/10th interest to Ron Deaton by Deed dated 4/11/1997 of record in Deed Book 256, Page 578. Ron Deaton conveyed three separate tracts of property to Roy Campbell by Deed dated March 14th, 2003 of record in Deed Book 298, Page 602. Tract 2 therein is a legal description without stated acreage and cites 3 Deeds as its back reference; the second of which is the Deed from Dave Baker, Deed Book 256, Page 578. The 2/10th interest in the 50 acres parent tract cannot be part of a legal description of a separate property.

As a result 2/10th interest in that parent tract remains titled in Ron Deaton.

The 2/10th interest in the other 50 acre parent tract remained with Dave Baker. There is no record of any subsequent transfer by Dave Baker. Dave Baker died intestate February 27th, 1969 survived by his wife, Tavie Baker; daughter, Emma Campbell; and daughter, Dana Irene New, per his Affidavit of Descent of record in Deed Book 146, Page 227.

As a result a 1/10th interest in the other 50 acre parent tract is owned by Tavie Baker, Emma Campbell, and Dana Irene New.

Curative Action. A quit claim deed from Ron Deaton, or most likely legal action, quiet title against the heirs, successors and assigns of Ron Deaton, Tavie Baker, Emma Campbell, and Dana Irene New.

TRACT 2, PARCEL 7

Described lot traced back to multiple Deeds: Deed Book 21, Page 509, August 12th, 1908; Deed Book N, Page 216, December 12th, 1898; Deed Book M, Page 639, March 6th, 1894; Deed Book M, Page 220, August 27th, 1896; Deed Book H, Page 273, September 12th, 1874; Deed Book 25, Page 590, October 3rd, 1911; Deed Book M, Page 274, December 12th, 1896, Deed Book M, Page 499, July 12th, 1898; Deed Book 25, Page 499, August 23rd, 1911; Deed Book 22, Page 469, December 28th, 1909; Deed Book O, Page 394, July 21st, 1887; Deed Book O, Page 391, June 10th, 1901; Deed Book 33, Page 208, January 28th, 1914; Deed Book 38, Page 608, January 15th, 1919; and Deed Book 24, Page 454, September, 1910.

Exceptions:

1. An off sale of 4.8 acres by Roy Campbell to Tiffany Smith dated January 17th, 2010 of record in Deed Book 351, Page 399.
2. An off sale of 0.59 acres by Roy Campbell and wife, Wanda Campbell to Housing Development Alliance, Inc. dated December 18th, 2009 of record in Deed Book 350, Page 445.
3. Possible power line easement. S H Campbell granted a power line easement across a parent tract to this property to Kentucky and West Virginia Power Company by Deed dated May 2nd, 1941 of record in Deed Book 77, Page 602. Unable to determine if the easement is upon the subject property or the remainder of the parent tract.

4. Mineral rights. All coal, oil, gas and mineral rights, including the right to use the surface for extraction, retained in source Deeds by C. E. Ellison to H. Frank Rhodes dated August 7th, 1943, Deed Book 80, Page 15; June 8th, 1941, Deed Book 76, Page 598; and June 8th, 1940, Deed Book 76, Page 259.

Curative Action. Obtain and record a Deed from the current holder of the rights. Otherwise, a legal action against the current holder of the rights to extinguish the claim either by adverse possession or eminent domain.

TRACT 2, PARCEL 8

½ acre more or less traced back to Deeds dated March 22nd, 1883 of record in Deed Book Q, Page 292, and December 16th, 1890 of record in Deed Book I, Page 554.

Exceptions:

*This Parcel is subject to the same exceptions of Tract 2, Parcel 6 outlined above.

TRACT 2, PARCEL 9

22 acres more or less traced back to Master Commissioner Deed dated October 25th, 1919 of record in Deed Book 40, Page 277.

Exceptions:

1. Possible Oil and Gas Lease. Oil and Gas Lease from Richard Johnson et al to Peco Resources dated January 10th, 1986 of record in Lease Book 34, Page 555; Lease Book 34, Page 551 and Lease Book 34, Page 546 for 1,500 acres acquired by Deed Book 157, Page 771. Said Lease is for a term of 5 years or for so long as the property is used under the lease.

Curative Action. Either a release executed and recorded of record releasing the Lease, or verification that the property is not being drilled for oil or gas.

2. Coal Lease. The property is subject to an unreleased Coal Lease from Donald C. Graves and wife, Gaynell Graves, Gaylord Stacy and wife Gladys Stacy, Roy Campbell and wife Mildred Campbell to Kentucky Prince Coal Corporation dated March 5th, 1979 of record in Lease Book 31, Page 696. Said lease is for a term of 2 years and for as long thereafter as coal is mined from the property.

Curative Action. Either a release executed and recorded of record releasing the Lease, or verification that the property is not being mined for coal.

3. Mineral Rights. All mineral rights, including the right to use the surface for extraction, for the subject property were conveyed by Willie Wells and wife, Nora Wells, Mallie Wells Statzer and husband, Emmet Statzer, Mattie Wells Wilson and husband, Alfred Wilson to Richard M. Johnson by Deed dated April 29th, 1939, Deed Book 75, Page 201. They were subsequently conveyed by Richard M. Johnson to Blue Grass Mining Company by Deed dated May 27th, 1942, Deed Book 76, Page 192. Then from Blue Grass Mining Company to Richard Johnson, Ed Johnson, Mark Johnson, Louise Prior, Julia Barrett, JE Johnson III, and the estate of JE Johnson by Deed (Parcel 9 therein) dated June 25th, 1974 of record in Deed Book 157, Page 771.

Curative Action. Obtain and record a Deed from the current holder of the rights. Otherwise, a legal action against the current holder of the rights to extinguish the claim either by adverse possession or eminent domain.

TRACT 2, PARCEL 10

Two 4.32 acre tracts traced back to Master Commissioner Deeds dated October 25th, 1919 of record in Deed Book 41, Page 393 and in Deed Book 40, Page 277.

Exceptions:

1. Possible off sale. Roy Campbell, Gaylord Stacy, Donald Graves and others entered into a Deed dated March 11th, 1979 of record in Deed Book 190, Page 636. Campbell, Stacy and Graves executed as Grantors to convey any land described therein conveyed that may be included in the description to their property, Tract 2, Parcel 10, acquired by Deed Book 172, Page 539.

TRACT 2, PARCEL 11

23 acres and 25 acres more or less traced back to Master Commissioner Deeds dated October 25th, 1919 of record in Deed Book 41 197, Page 393 and in in Deed Book 40, Page 279.

Exceptions:

1. Coal Lease. The property is subject to an unreleased Coal Lease from Donald C. Graves and wife, Gaynell Graves, Gaylord Stacy and wife Gladys Stacy, Roy Campbell and wife Mildred Campbell to Kentucky Prince Coal Corporation dated March 5th, 1979 of record in Lease Book 31, Page 696. Said lease is for a term of 2 years and for as long thereafter as coal is mined from the property.

Curative Action. Either a release executed and recorded of record releasing the Lease, or verification that the property is not being mined for coal.

2. Mineral rights. Regarding the 25 acre tract, a ½ interest in all coal, oil, gas and mineral rights, including the right to use the surface are retained and not conveyed by Pauline Baker Bailey and husband, James H. Bailey in the Deed to Matt Crawford dated October 10th, 1942, Deed Book 86, Page 45.

Curative Action. Obtain and record a Deed from the current holder of the rights. Otherwise, a legal action against the current holder of the rights to extinguish the claim either by adverse possession or eminent domain.

3. Possible Oil and Gas Lease. Matt Crawford and wife, Bertha Crawford granted an Oil and Gas Lease unto J T Justice dated June 11th, 1929 of record in Lease Book 8, Page 270 Said lease is for a term of 15 years or for so long oil or gas is produced.

Curative Action. Either a release executed and recorded of record releasing the Lease, or verification that the property is not being drilled for oil or gas.

4. Possible Oil and Gas Lease. Matt Crawford and wife, Bertha Crawford granted an Oil and Gas Lease unto C A Barbour dated December 2nd, 1930 of record in Lease Book 11, Page 333 Said lease is for a term of 10 years or for so long oil or gas is produced.

Curative Action. Either a release executed and recorded of record releasing the Lease, or verification that the property is not being drilled for oil or gas.

TRACT 2, PARCEL 12

20 acres more or less to deed dated January 2nd, 1888, Deed Book L, Page 21.

Exceptions:

1. Subject to an easement roadway access to family cemetery reserved by Robert Jameson and wife Debbie Jameson in Deed dated April 26th, 1979 of record in Deed Book 178, Page 481.

2. Possible conveyance of mineral rights. Wm. K. Jameson and wife, Ellen Jameson conveyed the mineral rights and rights to use the surface for extraction to Wm Ellison by Deed of Conveyance dated October 3rd, 1911 of record in Deed Book 25, Page 590. Said Deed conveyed two tracts 365.3 acres and 46.2 acres, both surveyed descriptions, but contained no back reference to determine the source of the title. Therefore, unable to determine if the conveyed mineral rights were on this subject property or another property of Wm. K. Jameson.

Curative Action. Additional analysis, possibly by a surveyor to determine if Tract 2, Parcel 12 is in fact subject to the reservation of mineral rights. If so, obtain and record a Deed from the current holder of the rights. Otherwise, a legal action against the current holder of the rights to extinguish the claim either by adverse possession or eminent domain.

TRACT 2, PARCEL 13

25 acres more or less traced back to deed dated August 4th, 1907, Deed Book 21, Page 179.

Exceptions:

1. An off sale of a lot by Deed from Roy Campbell and wife, Mildred Campbell to the Church of Lord Jesus Christ dated May 21st, 1973 of record in Deed Book 153, Page 546. Said Deed contains a reversion that in the event the lot is not used as a place of worship the property would revert to Roy Campbell and Mildred Campbell or their heirs.

2. Power line easement by Deed from Roy Campbell and wife, Mildred Campbell to Kentucky Power Company dated June 30th, 1970 of record in Deed Book 141, Page 81.

3. Deed Restriction. The property may not be used as a supermarket to sell groceries per Deed dated November 14th, 1969 from Tommy Smith and wife, Esther Smith, E C Dixon and wife, Pansy Dixon to Roy Campbell and wife, Mildred Campbell of record in Deed Book 142, Page 602.

Curative Action. Obtain a release of the Deed Restriction from the current owner or owners of the property remaining when the restriction was created.

4. Mineral Rights. All coal, oil, gas and mineral rights, including the right to use the surface for extraction are retained and not conveyed in the Master Commissioner Deed to Sam Crawford dated July 14th, 1945, Deed Book 85, Page 214.

Curative Action. Obtain and record a Deed from the current holder of the rights. Otherwise, a legal action against the current holder of the rights to extinguish the claim either by adverse possession or eminent domain.

TRACT 2, PARCEL 14

15 acres more or less traced back to deed dated October 28th, 1901, Deed Book 9, Page 166.

Exceptions:

1. Mineral Rights. All coal, oil, gas and mineral rights, including the right to use the surface for extraction are retained and not conveyed in the Deed from Fordson Coal Company to Ford Motor Company dated December 30th, 1940, Deed Book 75, Page 606.

Curative Action. Obtain and record a Deed from the current holder of the rights. Otherwise, a legal action against the current holder of the rights to extinguish the claim either by adverse possession or eminent domain.

III. TRACT 4

Tract 4 is owned by MRI Properties, Inc. by virtue of the Deed of Conveyance dated May

11th, 2021 of record in Deed Book 415, Page 157 of the Perry County Clerk's office.

1.14 acres referenced as Deed Book 273, Page 689, traced back to multiple Deeds dated January 5th, 1887, Deed Book J, Page 601; October 19th, 1885, Deed Book J, Page 598; March 3rd, 1907, Deed Book 22, Page 230; and April 15th, 1891 Deed Book J, Page 437.

Exceptions:

1. Gap in chain of title. The source property was conveyed to Green Baker and his wife, Polly Baker by Deed dated October 29th, 1915, and subsequently conveyed by only Polly Baker by two Deeds dated August 8th, 1951, Deed Book 105, Page 456, and August 8th, 1952, Deed Book 107, Page 254. It is noted that at the time of the subsequent conveyances, Polly Baker was a widow. However, the Deed to Green and Polly Baker was not a survivorship Deed. Perry County records contain no Will or Affidavit of Descent regarding Green Baker or the disposition of his interest.

Curative Action. Most likely legal action, quiet title against the heirs, successors and assigns of Green Baker.

2. Possible conveyance of mineral rights. This tract derives from multiple source Deeds and properties. The mineral rights and easement upon the surface for any mining purpose were conveyed from one of the source properties by Deed from Drew Combs and Debby Combs to Hamilton Realty Group dated April 8th, 1912 of record in Deed Book 26, Page 229 conveying 16.01 acres of that particular source tract. It is undetermined if this conveyance is part of the 1.14 acres consisting Tract 4.

Curative Action. Additional analysis, possibly by a surveyor to determine if Tract 4 is in fact subject to the reservation of mineral rights. If so, obtain and record a Deed from the current holder of the rights. Otherwise, a legal action against the current holder of the rights to extinguish the claim either by adverse possession or eminent domain.

3. Possible conveyance of mineral rights. This tract derives from multiple source Deeds and properties. The mineral rights and easement upon the surface for any mining purpose were conveyed from one of the source properties by Deed from Drew Combs and Debby Combs to Slemp Coal Company dated November 27th, 1905 of record in Deed Book 18, Page 236 conveying 100 acres of that particular source tract. It is undetermined if this conveyance is part of the 1.14 acres consisting Tract 4.

Curative Action. Additional analysis, possibly by a surveyor to determine if Tract 4 is in fact subject to the reservation of mineral rights. If so, obtain and record a Deed from the current holder of the rights. Otherwise, a legal action against the current holder of the rights to extinguish the claim either by adverse possession or eminent domain.

IV. TRACT 20

Tract 20 is the same property as Tract 2. For reference see Tract 2, Parcels 7, 8, 9, 10, 11, 13, and 14 above.

DISCLAIMER

This title opinion and report is subject to any errors or omissions found in the office of the Perry County Clerk's office, any overlapping of legal descriptions that an accurate survey might reveal, and subject to any additional information or documents not of record in the Perry County Clerk's office.

Sincerely,

A handwritten signature in black ink, appearing to be 'ER', written in a cursive style.

Earl Rogers III
Attorney at Law

Appendix F

Skyview Former Mine Site Investigation Report



Skyview Former Mine Site Investigation Report

Skyview Lane
Perry County, Kentucky

Prepared By:

Kentucky Energy and Environmental Cabinet
Department for Environmental Protection
Kentucky Superfund Branch
Petroleum Cleanup Section
300 Sower Blvd.
Frankfort, Kentucky, 40601

April 19, 2023

Site Name: Skyview Former Mine Site			Program: Superfund, PCS
Site Address: Skyview Lane			
City: Hazard	State: Kentucky	Zip: 41701	County: Perry Co.
Inspection Type: Investigative	Purpose: Sample site for Fe, Pb, and As		
Sample Date: 1/24/2023	Time: 11:50 am-1:47 pm		
Latitude: 37.245507	Longitude: -83.265459		
Coordinate Collection Method: Garmin GPSMAP 65s HandheldGPS +/- 90 Meters			
Type of Site: Mine Site			

I. Background

Several former mine site properties have been suggested as potential housing sites for the 2022 eastern Kentucky flood victims. The Kentucky Superfund Branch has been tasked with investigating these sites to determine if the site soils are appropriate for residential development. The main areas of concern for these properties are heavy metals, such as iron, arsenic, and lead levels associated with former mining operations.

II. Site Sampling

On January 24, 2023, Superfund staff visited the 311-acre Whitaker Coal LLC mine site located in Perry County, Kentucky. Twelve grab soil samples between 0-1 ft. were collected within the four designated areas per the conceptual subdivision lot layout. Each sample location was uploaded prior to arriving at the site and then remarked on the team's GPS units while in the field (Figure 1). Soil samples were analyzed using the Bruker S1 Titan Model 600 X-Ray Florescence (XRF) device according to proper standards and procedures. Two of the samples were taken to the Kentucky State Lab to be analyzed via sample method SW846-6020B. Sample results are illustrated in Table 1. Photos during the sampling event are included in Appendix A.

III. Results

Lab analysis results for Arsenic and Lead were reported slightly higher than the XRF readings. When taking into consideration the plus or minus values of the XRF readings the difference between the results is negligible. The state lab report and analysis breakdown is included in Appendix B.

Arsenic

Lab analytical results for arsenic were between 6.61 ppm and 11.2 ppm. Two results were below Kentucky's mean background. The lone result above the mean was within one standard deviation of the mean. No field screened soil sample indicated levels of concern. All XRF analytical results were below the generic mean for arsenic. Based on this data set no arsenic impacts are observed.

Lead

Lab analytical results for Lead at the site ranged between 14.2 and 16.6 ppm. XRF analytical results ranged between the limits of detection and 29 ppm. Lead concentrations fall below the states background level and below EPA's residential regional screening levels. Based on this data set no lead impacts are observed.

Iron

Iron levels at the site were collected to ensure the accuracy of arsenic results. Iron and arsenic levels have been shown to correlate due to their binding efficacy. If the results do not show a correlation between the two elements, result accuracy is either low or the results are indicative of a release. Iron levels at the site stayed consistent when compared to arsenic levels confirming sample accuracy. Iron concentrations ranged between 22,600-28,400 ppm, which fall below both the EPA’s residential regional screening levels and Kentucky’s average background levels.

Table 1: Soil Sample Results (ppm)

		Iron (Fe)	Arsenic (As)	Lead (Pb)
*KY BG Levels:		47,600	8.9	84.6
*EPA R-RSL:		55,000	0.68	400
SK-1		27,000 ±265	3 ±2	<LOD ±14
SK-2		24,000 ±249	<LOD ±2	20 ±16
SK-3		27,000 ±264	<LOD±2	22 ±14
SK-4	XRF Results	28,000 ±265	6 ±2	<LOD ±20
	Lab Results	28,400	11.2	16.3
SK-5		11,000 ±167	<LOD ±2	<LOD ±17
SK-6		12,000 ±179	<LOD ±3	29 ±24
SK-7		11,000 ±218	<LOD ±2	<LOD ±16
SK-8	XRF Results:	8251 ±142	6 ±3	<LOD ±25
	Lab Results:	22,600	8.69	14.2
SK-9		6051 ±137	<LOD ±3	<LOD ±23
SK-10		27,000±265	<LOD ±2	<LOD ±14
SK-11		20,000±226	<LOD ±2	<LOD ±15
SK-12	XRF Results	14,000	3 ±2	<LOD ±18
	Lab Results:	21,800	6.61	16.6

*KY BG Levels = Kentucky Ambient Background Levels

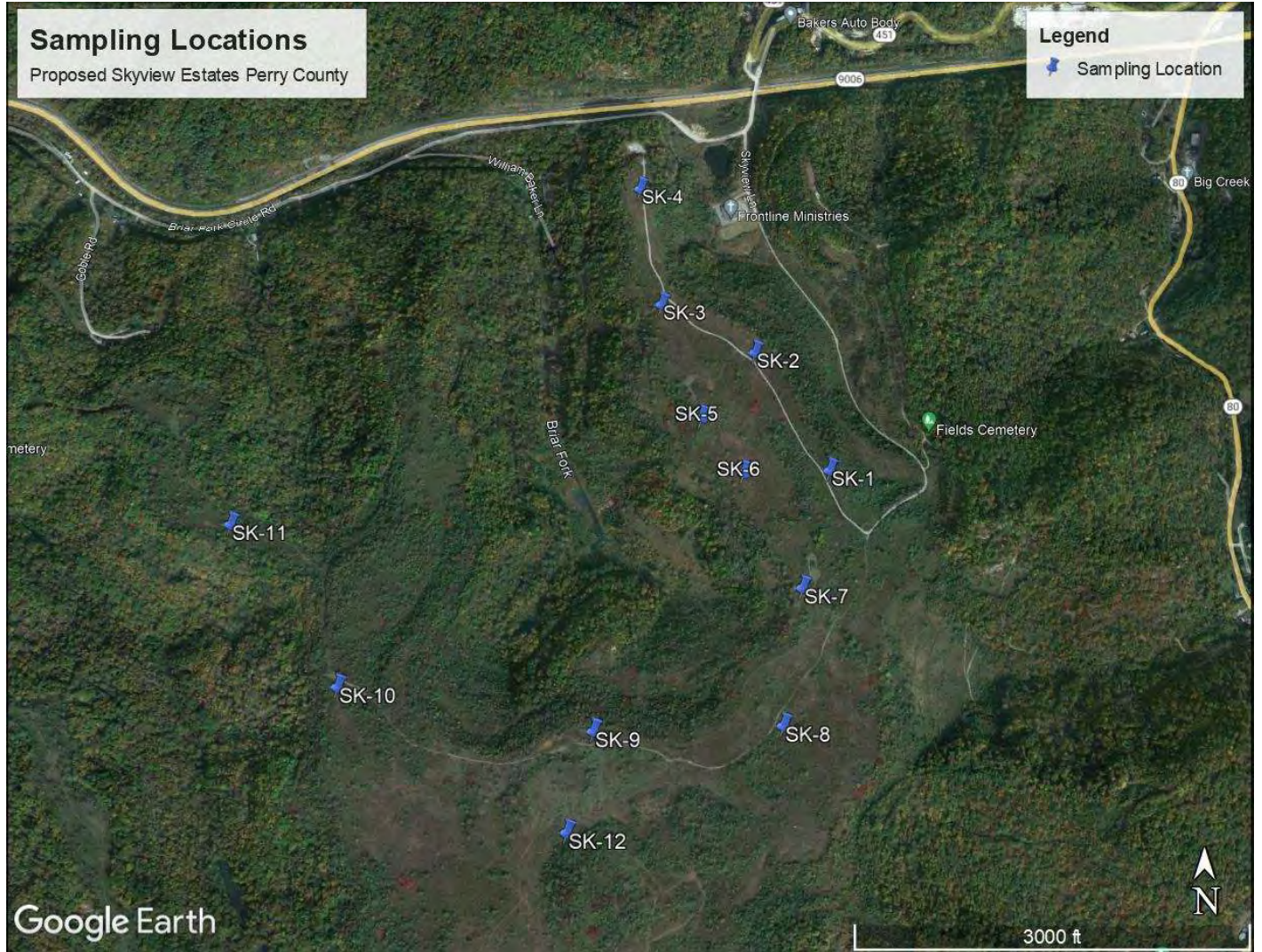
*EPA R-RSL = EPA Residential Regional Screening Levels for Soil

<LOD = Below Limit of Detection

IV. Conclusion

All sample results were reported below allowable levels when compared to the EPA's regional residential screening levels or Kentucky's ambient background levels. While this investigation does not represent a full site characterization, no findings suggest additional sampling or remediation activities necessary at this time.

Figure 1



Appendix A

Photographs



Photo one. West Central part of property near SK-10.



Photo two. Central area of property near SK-8.



Photo three. East part of property near SK-5, looking North.



Photo four. Walking to SK-6, looking south.



Photo five. Sample location SK-6. Representative of all sampled locations.

Marlowe-Thompson Branch
Site Report
April 19, 2023



Appendix B

Laboratory Documents



ANDY BESHEAR
GOVERNOR

REBECCA GOODMAN
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF ENVIRONMENTAL PROGRAM SUPPORT

100 SOWER BOULEVARD, STE. 104
FRANKFORT, KENTUCKY 40601

TONY HATTON
COMMISSIONER

Wednesday, February 01, 2023

Lab Sample Number: AU00918

Station/Project ID:

To: Division of Waste Management
300 Sower Blvd
Frankfort, KY 40601
ATTN: Tammi Hudson

Re: Skyview Hazard

County: Perry

Program Code: B25

Collected By: Sarah Yount

AKGWA:

Delivered By: Sarah Yount

Facility:

Received By: Jennifer Clark

Date: 01/24/2023

Time: 13:05

Sample Matrix: SOIL

Date: 01/25/2023

Time: 14:00

Sample Description: SK-4

Date: 01/25/2023

Time: 14:00

Sample ID: SK-4

Collection Method: Grab

Sample Type: Field Sample

Analyte Count: 4

Container ID:

REPORT OF ANALYSIS

Shipment Temp: 12.0C

<u>LAB ACODE</u>	<u>CAS NUM</u>	<u>CONSTITUENTS</u>	<u>RESULT</u>	<u>UNIT</u>	<u>LOQ</u>	<u>LOD</u>	<u>FLAG</u>
<i>TESTCODE</i>	<i>\$3130S_ASCALC</i>	<i>BY: SW846 6020B</i>	<i>ON: 1/27/2023 12:49:00 PM</i>				
\$3130S_ASCALC 7440-38-2		Arsenic		11.2 mg/Kg DW	0.274	0.137	
<i>TESTCODE</i>	<i>\$3130S_FECALC</i>	<i>BY: SW846 6020B</i>	<i>ON: 1/27/2023 12:49:00 PM</i>				
\$3130S_FECALC 7439-89-6		Iron		28400 mg/Kg DW	13.7	6.86	
<i>TESTCODE</i>	<i>\$3130S_PBCALC</i>	<i>BY: SW846 6020B</i>	<i>ON: 1/27/2023 12:49:00 PM</i>				
\$3130S_PBCALC 7439-92-1		Lead		16.3 mg/Kg DW	0.274	0.137	
<i>TESTCODE</i>	<i>%SOLIDS</i>	<i>BY: SM20 2540 G Mod</i>	<i>ON: 1/26/2023 8:05:00 AM</i>				
%SOLIDS		Percent solids, dry weight		72.0 %			

4

Container Preservation Status at Sample Login

@G-8OZ-1 Glass 8 oz widemouth jar #1 pH not tested

Unit Description

DW = Analyzed on a Dry Weight Basis

Case Narrative

This report has been prepared and reviewed by personnel within the Department for Environmental Protection Laboratory (DEPLAB) and has been approved for release.

for Tony Hatton, Acting Director

Report Format: DESFinal-Full



ANDY BESHEAR
GOVERNOR

REBECCA GOODMAN
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF ENVIRONMENTAL PROGRAM SUPPORT

100 SOWER BOULEVARD, STE. 104
FRANKFORT, KENTUCKY 40601

TONY HATTON
COMMISSIONER

Wednesday, February 01, 2023

Lab Sample Number: AU00919

Station/Project ID:

To: Division of Waste Management
300 Sower Blvd
Frankfort, KY 40601
ATTN: Tammi Hudson

Re: Skyview Hazard

Program Code: B25

County: Perry

AKGWA:

Collected By: Sarah Yount

Facility:

Delivered By: Sarah Yount

Date: 01/24/2023

Time: 12:13

Received By: Jennifer Clark

Date: 01/25/2023

Time: 14:00

Sample Matrix: SOIL

Date: 01/25/2023

Time: 14:00

Sample Description: SK-8

Collection Method: Grab

Sample Type: Field Sample

Sample ID: SK-8

Container ID:

Analyte Count: 4

REPORT OF ANALYSIS

Shipment Temp: 12.0C

<u>LAB ACODE</u>	<u>CAS NUM</u>	<u>CONSTITUENTS</u>	<u>RESULT</u>	<u>UNIT</u>	<u>LOQ</u>	<u>LOD</u>	<u>FLAG</u>
<i>TESTCODE</i>	<i>\$3130S_ASCALC</i>	<i>BY: SW846 6020B</i>	<i>ON:</i>	<i>1/27/2023 1:42:00 PM</i>			
\$3130S_ASCALC 7440-38-2		Arsenic			8.69 mg/Kg DW	0.292	0.146
<i>TESTCODE</i>	<i>\$3130S_FECALC</i>	<i>BY: SW846 6020B</i>	<i>ON:</i>	<i>1/27/2023 1:42:00 PM</i>			
\$3130S_FECALC 7439-89-6		Iron			22600 mg/Kg DW	14.6	7.31
<i>TESTCODE</i>	<i>\$3130S_PBCALC</i>	<i>BY: SW846 6020B</i>	<i>ON:</i>	<i>1/27/2023 1:42:00 PM</i>			
\$3130S_PBCALC 7439-92-1		Lead			14.2 mg/Kg DW	0.292	0.146
<i>TESTCODE</i>	<i>%SOLIDS</i>	<i>BY: SM20 2540 G Mod</i>	<i>ON:</i>	<i>1/26/2023 8:05:00 AM</i>			
%SOLIDS		Percent solids, dry weight			67.9 %		

4

Container Preservation Status at Sample Login

@G-8OZ-1 Glass 8 oz widemouth jar #1 pH not tested

Unit Description

DW = Analyzed on a Dry Weight Basis

Case Narrative

This report has been prepared and reviewed by personnel within the Department for Environmental Protection Laboratory (DEPLAB) and has been approved for release.

for Tony Hatton, Acting Director

Report Format: DESFinal-Full



ANDY BESHEAR
GOVERNOR

REBECCA GOODMAN
SECRETARY

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF ENVIRONMENTAL PROGRAM SUPPORT

100 SOWER BOULEVARD, STE. 104
FRANKFORT, KENTUCKY 40601

TONY HATTON
COMMISSIONER

Wednesday, February 01, 2023

Lab Sample Number: AU00920

Station/Project ID:

To: Division of Waste Management
300 Sower Blvd
Frankfort, KY 40601
ATTN: Tammi Hudson

Re: Skyview Hazard

County: Perry

Program Code: B25

Collected By: Sarah Yount

AKGWA:

Delivered By: Sarah Yount

Facility:

Received By: Jennifer Clark

Date: 01/24/2023

Time: 11:50

Sample Matrix: SOIL

Date: 01/25/2023

Time: 14:00

Sample Description: SK-12

Date: 01/25/2023

Time: 14:00

Sample ID: SK-12

Collection Method: Grab

Sample Type: Field Sample

Analyte Count: 4

Container ID:

REPORT OF ANALYSIS

Shipment Temp: 12.0C

<u>LAB ACODE</u>	<u>CAS NUM</u>	<u>CONSTITUENTS</u>	<u>RESULT</u>	<u>UNIT</u>	<u>LOQ</u>	<u>LOD</u>	<u>FLAG</u>
<i>TESTCODE</i>	<i>\$3130S_ASCALC</i>	<i>BY: SW846 6020B</i>	<i>ON:</i>	<i>1/27/2023 1:52:00 PM</i>			
\$3130S_ASCALC 7440-38-2	Arsenic		6.61	mg/Kg DW	0.314	0.157	
<i>TESTCODE</i>	<i>\$3130S_FECALC</i>	<i>BY: SW846 6020B</i>	<i>ON:</i>	<i>1/27/2023 1:52:00 PM</i>			
\$3130S_FECALC 7439-89-6	Iron		21800	mg/Kg DW	15.7	7.83	
<i>TESTCODE</i>	<i>\$3130S_PBCALC</i>	<i>BY: SW846 6020B</i>	<i>ON:</i>	<i>1/27/2023 1:52:00 PM</i>			
\$3130S_PBCALC 7439-92-1	Lead		16.6	mg/Kg DW	0.314	0.157	
<i>TESTCODE</i>	<i>%SOLIDS</i>	<i>BY: SM20 2540 G Mod</i>	<i>ON:</i>	<i>1/26/2023 8:05:00 AM</i>			
%SOLIDS	Percent solids, dry weight		58.4	%			

4

Container Preservation Status at Sample Login

@G-8OZ-1 Glass 8 oz widemouth jar #1 pH not tested

Unit Description

DW = Analyzed on a Dry Weight Basis

Case Narrative

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for Tony Hatton, Acting Director

Report Format: DESFinal-Full

CHAIN OF CUSTODY RECORD

DEPARTMENT FOR ENVIRONMENTAL PROTECTION

Program/DOW: 106 NPS SDWA Stream Survey Groundwater Wild Rivers Tox. Test Ref. Reach Lakes Pretreatment BMP ERT
 Program/DWM: RCRA UST TSCA Solid Waste Fed. CERCLA St. CERCLA
 Program/AQ: Air Toxics/Canister # _____ Air Quality

Fund Source/MARS # _____ Site # _____ Other Program _____ Incident #/AI # _____

SITE LOCATION: skyview Hazard FACILITY NO.: _____ COUNTY: Perry Incident _____

FIELD ID #	DATE TIME	DESCRIPTION OF SITE	MATRIX	NUMBER OF CONTAINERS	PRESER-VATION	ANALYSIS REQUESTED	pH	LAB USE ONLY
SK-4	Date: <u>1/24/23</u> Time: <u>1:05</u> <input type="checkbox"/> am <input checked="" type="checkbox"/> pm	AKGWA #: _____ - _____	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Chemical <input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite <input type="checkbox"/> Other	___ Glass 1000 ml ___ Plastic 1000 ml ___ VOA 40 ml ___ Glass 140 ml ___ 280 ml <input checked="" type="checkbox"/> Other: <u>glass 250ml</u>	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HNO ₃ <input type="checkbox"/> HCl <input type="checkbox"/> Other	<input type="checkbox"/> ABN <input type="checkbox"/> VOC <input type="checkbox"/> NH ₃ <input type="checkbox"/> TO14 <input type="checkbox"/> TOC <input type="checkbox"/> TSS <input type="checkbox"/> Cl <input type="checkbox"/> HERB <input type="checkbox"/> TKN <input type="checkbox"/> BOD <input type="checkbox"/> CN <input type="checkbox"/> T. METALS <input type="checkbox"/> O&G <input type="checkbox"/> PAH <input type="checkbox"/> FP <input type="checkbox"/> PEST/PCB <input type="checkbox"/> TDS <input type="checkbox"/> ALK <input type="checkbox"/> TCLP <input type="checkbox"/> N/P PEST <input type="checkbox"/> BTEX <input type="checkbox"/> ORTHO/P <input checked="" type="checkbox"/> OTHER: <u>Below metals</u>		Sample # <u>AU00918</u> Report #
SK-8	Date: <u>1/24/23</u> Time: <u>12:13</u> <input type="checkbox"/> am <input checked="" type="checkbox"/> pm	AKGWA #: _____ - _____	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Chemical <input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite <input type="checkbox"/> Other	___ Glass 1000 ml ___ Plastic 1000 ml ___ VOA 40 ml ___ Glass 140 ml ___ 280 ml <input checked="" type="checkbox"/> Other: <u>glass 250ml</u>	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HNO ₃ <input type="checkbox"/> HCl <input type="checkbox"/> Other	<input type="checkbox"/> ABN <input type="checkbox"/> VOC <input type="checkbox"/> NH ₃ <input type="checkbox"/> TO14 <input type="checkbox"/> TOC <input type="checkbox"/> TSS <input type="checkbox"/> Cl <input type="checkbox"/> HERB <input type="checkbox"/> TKN <input type="checkbox"/> BOD <input type="checkbox"/> CN <input type="checkbox"/> T. METALS <input type="checkbox"/> O&G <input type="checkbox"/> PAH <input type="checkbox"/> FP <input type="checkbox"/> PEST/PCB <input type="checkbox"/> TDS <input type="checkbox"/> ALK <input type="checkbox"/> TCLP <input type="checkbox"/> N/P PEST <input type="checkbox"/> BTEX <input type="checkbox"/> ORTHO/P <input checked="" type="checkbox"/> OTHER: <u>Below metals</u>		Sample # <u>AU00919</u> Report #
SK-12	Date: <u>1/24/23</u> Time: <u>11:50</u> <input checked="" type="checkbox"/> am <input type="checkbox"/> pm	AKGWA #: _____ - _____	<input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Chemical <input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite <input type="checkbox"/> Other	___ Glass 1000 ml ___ Plastic 1000 ml ___ VOA 40 ml ___ Glass 140 ml ___ 280 ml <input checked="" type="checkbox"/> Other: <u>glass 250ml</u>	<input checked="" type="checkbox"/> Ice <input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> NaOH <input type="checkbox"/> HNO ₃ <input type="checkbox"/> HCl <input type="checkbox"/> Other	<input type="checkbox"/> ABN <input type="checkbox"/> VOC <input type="checkbox"/> NH ₃ <input type="checkbox"/> TO14 <input type="checkbox"/> TOC <input type="checkbox"/> TSS <input type="checkbox"/> Cl <input type="checkbox"/> HERB <input type="checkbox"/> TKN <input type="checkbox"/> BOD <input type="checkbox"/> CN <input type="checkbox"/> T. METALS <input type="checkbox"/> O&G <input type="checkbox"/> PAH <input type="checkbox"/> FP <input type="checkbox"/> PEST/PCB <input type="checkbox"/> TDS <input type="checkbox"/> ALK <input type="checkbox"/> TCLP <input type="checkbox"/> N/P PEST <input type="checkbox"/> BTEX <input type="checkbox"/> ORTHO/P <input checked="" type="checkbox"/> OTHER: <u>Below metals</u>		Sample # <u>AU00920</u> Report #

Inspector(s): Sarah Yount, Nathan Hancock, Ken Logsdon

Metals: As Ba Cd Cr Pb Hg Se Ag
 Cu Fe Mn Zn Other _____

12.0°C

Relinquished by: <u>Sarah Yount Sarah Yount</u>	Date: <u>1/25/23</u>	Received by: <u>Jennifer Clark</u>
Representing: <u>K Dwm Superfund</u>	Time: <u>2:00 pm</u>	Representing: <u>Deps</u>
Relinquished by:	Date:	Received by:
Representing:	Time:	Representing:

KENTUCKY ENVIRONMENTAL SERVICES LABORATORY LOGIN GROUP RECEIPT

LogBy: JJC

Login Date and Time: 1/25/2023 14:06

RE: Skyview Hazard

For: Division of Waste Management
 300 Sower Blvd
 Frankfort, KY 40601
 ATTN: Tammi Hudson

Collected By: Sarah Yount
Delivered By: Sarah Yount
Received By: Jennifer Clark

Collection Method: Grab
Delivery Date and Time: 1/25/2023 14:00
Received Date and Time: 1/25/2023 14:00

Shipping Temp:

12.0C

LAB ID	CODE	Samp ID	DESCRIPTION	AKGWA	COUNTY	COLLECTED	MATRIX	LW CODE	PARAMETER NAME	pH
AU00918	B25	SK-4	SK-4		Perry	1/24/2023 13:05	SOIL			
								@G-8OZ-1	Glass 8 oz widemouth jar #1	NT
								\$3130S	Metals (ICP-MS) Soil	
								\$3130S_ASCALC	Arsenic (ICP-MS) Soil Result	
								\$3130S_FECALC	Iron (ICP-MS) Soil Result	
								\$3130S_PBCALC	Lead (ICP-MS) Soil Result	
								3030S	Metal Prep (ICP-MS) -Soil	
								%SOLIDS	Percent solids, dry weight	
								!COMMENT	Case Narrative	
AU00919	B25	SK-8	SK-8		Perry	1/24/2023 12:13	SOIL			
								@G-8OZ-1	Glass 8 oz widemouth jar #1	NT
								\$3130S	Metals (ICP-MS) Soil	
								\$3130S_ASCALC	Arsenic (ICP-MS) Soil Result	
								\$3130S_FECALC	Iron (ICP-MS) Soil Result	
								\$3130S_PBCALC	Lead (ICP-MS) Soil Result	
								3030S	Metal Prep (ICP-MS) -Soil	
								%SOLIDS	Percent solids, dry weight	
								!COMMENT	Case Narrative	
AU00920	B25	SK-12	SK-12		Perry	1/24/2023 11:50	SOIL			
								@G-8OZ-1	Glass 8 oz widemouth jar #1	NT
								\$3130S	Metals (ICP-MS) Soil	
								\$3130S_ASCALC	Arsenic (ICP-MS) Soil Result	
								\$3130S_FECALC	Iron (ICP-MS) Soil Result	
								\$3130S_PBCALC	Lead (ICP-MS) Soil Result	
								3030S	Metal Prep (ICP-MS) -Soil	
								%SOLIDS	Percent solids, dry weight	
								!COMMENT	Case Narrative	

Appendix G

Qualifications

Qualifications of Environmental Professional

Environmental Professional

Kenneth C. Logsdon
Geologist Registered Supervisor
Petroleum Cleanup Section
Superfund Branch
Division of Waste Management

Education

Bachelor of Science in Biology and Geology, Western Kentucky University 1995

Professional Certification

Professional Geologist, 2005

Professional Experience

Kentucky Department for Environmental Protection -- 24 years

Mr. Logsdon has over 24 years of experience in the assessment, investigation, and remediation of Underground Storage Tank, Superfund, and Hazardous Waste sites.