

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal landfill and/or solid waste disposal site lists

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: 06/11/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/13/2014	Telephone: 502-564-6716
Date Made Active in Reports: 07/23/2014	Last EDR Contact: 08/05/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

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: 07/08/2014
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: No Update Planned

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: 04/01/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/15/2014	Telephone: 502-564-5981
Date Made Active in Reports: 04/25/2014	Last EDR Contact: 07/15/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/14/2014	Source: EPA Region 6
Date Data Arrived at EDR: 05/15/2014	Telephone: 214-665-6597
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 11/20/2014
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/24/2014	Source: EPA Region 4
Date Data Arrived at EDR: 04/25/2014	Telephone: 404-562-8677
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 53	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

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

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Date of Government Version: 02/01/2013 Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013 Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013 Last EDR Contact: 08/01/2014
Number of Days to Update: 184 Next Scheduled EDR Contact: 11/10/2014
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: 11/06/2013 Source: EPA Region 10
Date Data Arrived at EDR: 11/07/2013 Telephone: 206-553-2857
Date Made Active in Reports: 12/06/2013 Last EDR Contact: 04/28/2014
Number of Days to Update: 29 Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

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: 05/12/2014 Source: EPA, Region 5
Date Data Arrived at EDR: 05/12/2014 Telephone: 312-886-7439
Date Made Active in Reports: 06/17/2014 Last EDR Contact: 04/28/2014
Number of Days to Update: 36 Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

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

Date of Government Version: 04/28/2014 Source: EPA Region 7
Date Data Arrived at EDR: 05/01/2014 Telephone: 913-551-7003
Date Made Active in Reports: 06/17/2014 Last EDR Contact: 04/28/2014
Number of Days to Update: 47 Next Scheduled EDR Contact: 11/10/2014
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: 08/27/2012 Source: EPA Region 8
Date Data Arrived at EDR: 08/28/2012 Telephone: 303-312-6271
Date Made Active in Reports: 10/16/2012 Last EDR Contact: 07/22/2014
Number of Days to Update: 49 Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

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: 03/01/2013 Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2013 Telephone: 415-972-3372
Date Made Active in Reports: 04/12/2013 Last EDR Contact: 07/22/2014
Number of Days to Update: 42 Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

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: 05/13/2014 Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/03/2014 Telephone: 502-564-5981
Date Made Active in Reports: 06/30/2014 Last EDR Contact: 06/03/2014
Number of Days to Update: 27 Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Quarterly

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INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/04/2014	Source: EPA Region 10
Date Data Arrived at EDR: 04/08/2014	Telephone: 206-553-2857
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 70	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/12/2014	Source: EPA Region 9
Date Data Arrived at EDR: 05/14/2014	Telephone: 415-972-3368
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/07/2014	Source: EPA Region 8
Date Data Arrived at EDR: 05/09/2014	Telephone: 303-312-6137
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 39	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Quarterly

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: 02/01/2013	Source: EPA, Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 01/27/2014	Last EDR Contact: 08/01/2014
Number of Days to Update: 271	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/14/2014	Source: EPA Region 6
Date Data Arrived at EDR: 05/15/2014	Telephone: 214-665-7591
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 33	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Semi-Annually

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: 05/12/2014	Source: EPA Region 5
Date Data Arrived at EDR: 05/12/2014	Telephone: 312-886-6136
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 36	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/24/2014	Source: EPA Region 4
Date Data Arrived at EDR: 04/25/2014	Telephone: 404-562-9424
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 53	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/28/2014	Source: EPA Region 7
Date Data Arrived at EDR: 05/01/2014	Telephone: 913-551-7003
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 47	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/08/2014
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Varies

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: 06/23/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/26/2014	Telephone: 502-564-6716
Date Made Active in Reports: 07/09/2014	Last EDR Contact: 06/02/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/15/2014
	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: 06/23/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/26/2014	Telephone: 502-564-6716
Date Made Active in Reports: 07/09/2014	Last EDR Contact: 06/02/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/15/2014
	Data Release Frequency: Varies

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: 06/23/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/26/2014	Telephone: 502-564-6716
Date Made Active in Reports: 07/09/2014	Last EDR Contact: 06/02/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/15/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/20/2014	Source: EPA, Region 1
Date Data Arrived at EDR: 04/01/2014	Telephone: 617-918-1102
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 07/01/2014
Number of Days to Update: 77	Next Scheduled EDR Contact: 10/13/2014
	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: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

State and tribal Brownfields 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: 04/16/2014	Source: Division of Compliance Assistance
Date Data Arrived at EDR: 04/24/2014	Telephone: 502-564-0323
Date Made Active in Reports: 04/25/2014	Last EDR Contact: 07/21/2014
Number of Days to Update: 1	Next Scheduled EDR Contact: 11/03/2014
	Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/03/2014	Telephone: 202-566-2777
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 07/03/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 10/06/2014
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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: 07/25/2014
Number of Days to Update: 137	Next Scheduled EDR Contact: 11/10/2014
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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

SWRCY: Recycling Facilities

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

Date of Government Version: 04/07/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/25/2014	Telephone: 502-564-6716
Date Made Active in Reports: 05/12/2014	Last EDR Contact: 07/25/2014
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/03/2014
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 08/01/2014
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

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

Date of Government Version: 05/28/2014	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/20/2014	Telephone: 202-307-1000
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 06/04/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/15/2014
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Location Listing

Clandestine drug lab site locations.

Date of Government Version: 06/23/2014	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/26/2014	Telephone: 502-564-6716
Date Made Active in Reports: 07/07/2014	Last EDR Contact: 06/02/2014
Number of Days to Update: 11	Next Scheduled EDR Contact: 09/15/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 05/28/2014	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/20/2014	Telephone: 202-307-1000
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 06/04/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/15/2014
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

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: 03/31/2014	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/01/2014	Telephone: 202-366-4555
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 07/01/2014
Number of Days to Update: 105	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Annually

SPILLS: State spills

A listing of spill and/or release related incidents.

Date of Government Version: 02/05/2014	Source: DEP, Emergency Response
Date Data Arrived at EDR: 02/13/2014	Telephone: 502-564-2380
Date Made Active in Reports: 03/12/2014	Last EDR Contact: 07/25/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/03/2014
	Data Release Frequency: Varies

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/11/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/13/2014	Telephone: (404) 562-8651
Date Made Active in Reports: 04/09/2014	Last EDR Contact: 07/02/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 08/06/2014
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/17/2014
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/18/2014
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Semi-Annually

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: 12/31/2012	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 02/28/2014	Telephone: 202-528-4285
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 06/04/2014
Number of Days to Update: 55	Next Scheduled EDR Contact: 09/22/2014
	Data Release Frequency: Varies

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: 12/31/2013	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 01/24/2014	Telephone: Varies
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 06/30/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Varies

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: 11/25/2013	Source: EPA
Date Data Arrived at EDR: 12/12/2013	Telephone: 703-416-0223
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 06/10/2014
Number of Days to Update: 74	Next Scheduled EDR Contact: 09/22/2014
	Data Release Frequency: Annually

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: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 02/25/2014
Number of Days to Update: 146	Next Scheduled EDR Contact: 06/09/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/30/2014	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/05/2014	Telephone: 303-231-5959
Date Made Active in Reports: 07/15/2014	Last EDR Contact: 06/06/2014
Number of Days to Update: 132	Next Scheduled EDR Contact: 09/15/2014
	Data Release Frequency: Semi-Annually

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: 12/31/2011	Source: EPA
Date Data Arrived at EDR: 07/31/2013	Telephone: 202-566-0250
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 05/30/2014
Number of Days to Update: 44	Next Scheduled EDR Contact: 09/08/2014
	Data Release Frequency: Annually

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: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 06/25/2014
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/06/2014
	Data Release Frequency: Every 4 Years

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: 05/22/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/08/2014
	Data Release Frequency: Quarterly

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: 05/22/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/08/2014
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006 Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007 Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007 Last EDR Contact: 12/17/2007
Number of Days to Update: 40 Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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

Date of Government Version: 10/19/2006 Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007 Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007 Last EDR Contact: 12/17/2008
Number of Days to Update: 40 Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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: 12/31/2009 Source: EPA
Date Data Arrived at EDR: 12/10/2010 Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011 Last EDR Contact: 07/22/2014
Number of Days to Update: 77 Next Scheduled EDR Contact: 11/10/2014
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: 05/06/2014 Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/16/2014 Telephone: 202-564-5088
Date Made Active in Reports: 06/17/2014 Last EDR Contact: 10/09/2014
Number of Days to Update: 32 Next Scheduled EDR Contact: 10/27/2014
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: 06/01/2013 Source: EPA
Date Data Arrived at EDR: 07/17/2013 Telephone: 202-566-0500
Date Made Active in Reports: 11/01/2013 Last EDR Contact: 07/18/2014
Number of Days to Update: 107 Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Annually

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

Date of Government Version: 07/22/2013 Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/02/2013 Telephone: 301-415-7169
Date Made Active in Reports: 11/01/2013 Last EDR Contact: 06/05/2014
Number of Days to Update: 91 Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RADINFO: Radiation Information Database

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

Date of Government Version: 07/07/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/10/2014	Telephone: 202-343-9775
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 07/10/2014
Number of Days to Update: 18	Next Scheduled EDR Contact: 10/20/2014
	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: 11/18/2013	Source: EPA
Date Data Arrived at EDR: 02/27/2014	Telephone: (404) 562-9900
Date Made Active in Reports: 03/12/2014	Last EDR Contact: 06/13/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/22/2014
	Data Release Frequency: Quarterly

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

RMP: Risk Management Plans

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

Date of Government Version: 04/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/23/2014	Telephone: 202-564-8600
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 07/22/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 11/10/2014
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/30/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Biennially

UIC: UIC Information

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

Date of Government Version: 04/03/2014
Date Data Arrived at EDR: 04/22/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 3

Source: Kentucky Geological Survey
Telephone: 859-323-0544
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Quarterly

DRYCLEANERS: Drycleaner Listing

A listing of drycleaner facility locations.

Date of Government Version: 06/03/2014
Date Data Arrived at EDR: 06/04/2014
Date Made Active in Reports: 06/25/2014
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: 502-573-3382
Last EDR Contact: 06/02/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Varies

NPDES: Permitted Facility Listing

A listing of permitted wastewater facilities.

Date of Government Version: 05/15/2014
Date Data Arrived at EDR: 05/16/2014
Date Made Active in Reports: 06/23/2014
Number of Days to Update: 38

Source: Department of Environmental Protection
Telephone: 502-564-3410
Last EDR Contact: 05/12/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Varies

AIRS: Permitted Airs Facility Listing

A listing of permitted Airs facilities.

Date of Government Version: 06/03/2014
Date Data Arrived at EDR: 06/04/2014
Date Made Active in Reports: 06/25/2014
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: 502-573-3382
Last EDR Contact: 06/02/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Varies

LEAD: Environmental Lead Program Report Tracking Database

Lead Report Tracking Database

Date of Government Version: 02/12/2014
Date Data Arrived at EDR: 02/14/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 26

Source: Department of Public Health
Telephone: 502-564-4537
Last EDR Contact: 05/12/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Varies

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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 07/25/2014
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/03/2014
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/18/2014
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: N/A

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

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/12/2014	Telephone: 703-603-8787
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 07/01/2014
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/20/2014
	Data Release Frequency: Varies

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: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 05/16/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/25/2014
	Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/15/2013 Source: EPA
Date Data Arrived at EDR: 07/03/2013 Telephone: 202-564-6023
Date Made Active in Reports: 09/13/2013 Last EDR Contact: 07/01/2014
Number of Days to Update: 72 Next Scheduled EDR Contact: 10/13/2014
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: 05/16/2014
Number of Days to Update: 88 Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Quarterly

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 Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/06/2014 Telephone: 502-564-5981
Date Made Active in Reports: 06/24/2014 Last EDR Contact: 08/05/2014
Number of Days to Update: 18 Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information.

Date of Government Version: 05/05/2014 Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/06/2014 Telephone: 502-564-6716
Date Made Active in Reports: 05/13/2014 Last EDR Contact: 08/01/2014
Number of Days to Update: 7 Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of coal ash pond site locations.

Date of Government Version: 12/09/2013 Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/01/2014 Telephone: 502-564-6716
Date Made Active in Reports: 07/07/2014 Last EDR Contact: 08/01/2014
Number of Days to Update: 67 Next Scheduled EDR Contact: 11/17/2014
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: 05/05/2014 Source: Department of Environmental Protection
Date Data Arrived at EDR: 05/06/2014 Telephone: 502-564-6716
Date Made Active in Reports: 05/14/2014 Last EDR Contact: 08/01/2014
Number of Days to Update: 8 Next Scheduled EDR Contact: 11/17/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 08/01/2014
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/10/2014
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 06/19/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/20/2014	Telephone: 202-566-1917
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 05/16/2014
Number of Days to Update: 38	Next Scheduled EDR Contact: 09/01/2014
	Data Release Frequency: Quarterly

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: 03/14/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/11/2014	Telephone: N/A
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 06/11/2014
Number of Days to Update: 47	Next Scheduled EDR Contact: 09/22/2014
	Data Release Frequency: Varies

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013	Source: EPA
Date Data Arrived at EDR: 11/06/2013	Telephone: 202-564-2496
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 06/25/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Annually

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013	Source: EPA
Date Data Arrived at EDR: 11/06/2013	Telephone: 202-564-2496
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 06/25/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/13/2014
	Data Release Frequency: Annually

COAL ASH DOE: Sleam-Electric Plan Operation Data

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 07/18/2014
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/27/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGH 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	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/03/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 186	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/15/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 198	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: 07/30/2013	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/19/2013	Telephone: 860-424-3375
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 05/23/2014
Number of Days to Update: 45	Next Scheduled EDR Contact: 09/01/2014
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/19/2012	Telephone: N/A
Date Made Active in Reports: 08/28/2012	Last EDR Contact: 07/17/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/27/2014
	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: 05/01/2014	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/07/2014	Telephone: 518-402-8651
Date Made Active in Reports: 06/10/2014	Last EDR Contact: 05/07/2014
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/18/2014
	Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/24/2013	Telephone: 717-783-8990
Date Made Active in Reports: 08/19/2013	Last EDR Contact: 07/18/2014
Number of Days to Update: 26	Next Scheduled EDR Contact: 11/03/2014
	Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2012 Source: Department of Environmental Management
Date Data Arrived at EDR: 06/21/2013 Telephone: 401-222-2797
Date Made Active in Reports: 08/05/2013 Last EDR Contact: 05/27/2014
Number of Days to Update: 45 Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012 Source: Department of Natural Resources
Date Data Arrived at EDR: 08/09/2013 Telephone: N/A
Date Made Active in Reports: 09/27/2013 Last EDR Contact: 06/16/2014
Number of Days to Update: 49 Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

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

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Certified Child Care Homes

Source: Cabinet for Families & Children
Telephone: 502-564-7130

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

State Wetlands Data: Wetland Polygon Features

Source: Environmental Protection & Public Protection Cabinet
Telephone: 502-564-5174

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MARION BRANCH PROPERTY
MARION BRANCH
PIKEVILLE, KY 41501

TARGET PROPERTY COORDINATES

Latitude (North):	37.4263 - 37° 25' 34.68"
Longitude (West):	82.5371 - 82° 32' 13.56"
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	363994.5
UTM Y (Meters):	4143069.5
Elevation:	1318 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37082-D5 PIKEVILLE, KY
Most Recent Revision:	1992

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 principal 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).

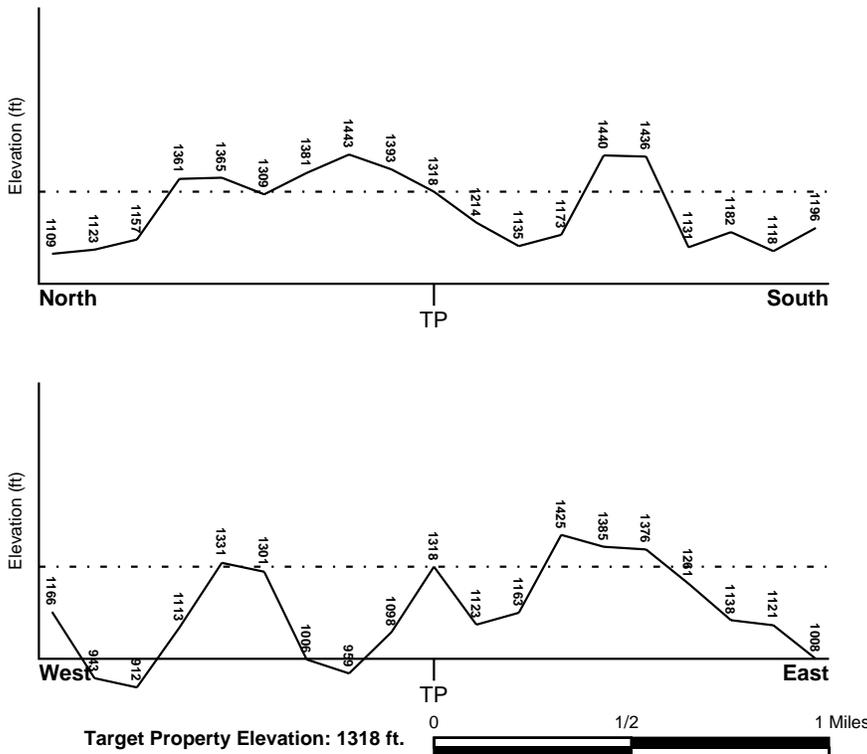
TOPOGRAPHIC INFORMATION

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 SW

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>Target Property County</u>	FEMA Flood
PIKE, KY	<u>Electronic Data</u>
	YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	21195C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	NWI Electronic
PIKEVILLE	<u>Data Coverage</u>
	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</u>	<u>GENERAL DIRECTION</u>
<u>Not Reported</u>	<u>FROM TP</u>	<u>GROUNDWATER FLOW</u>

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

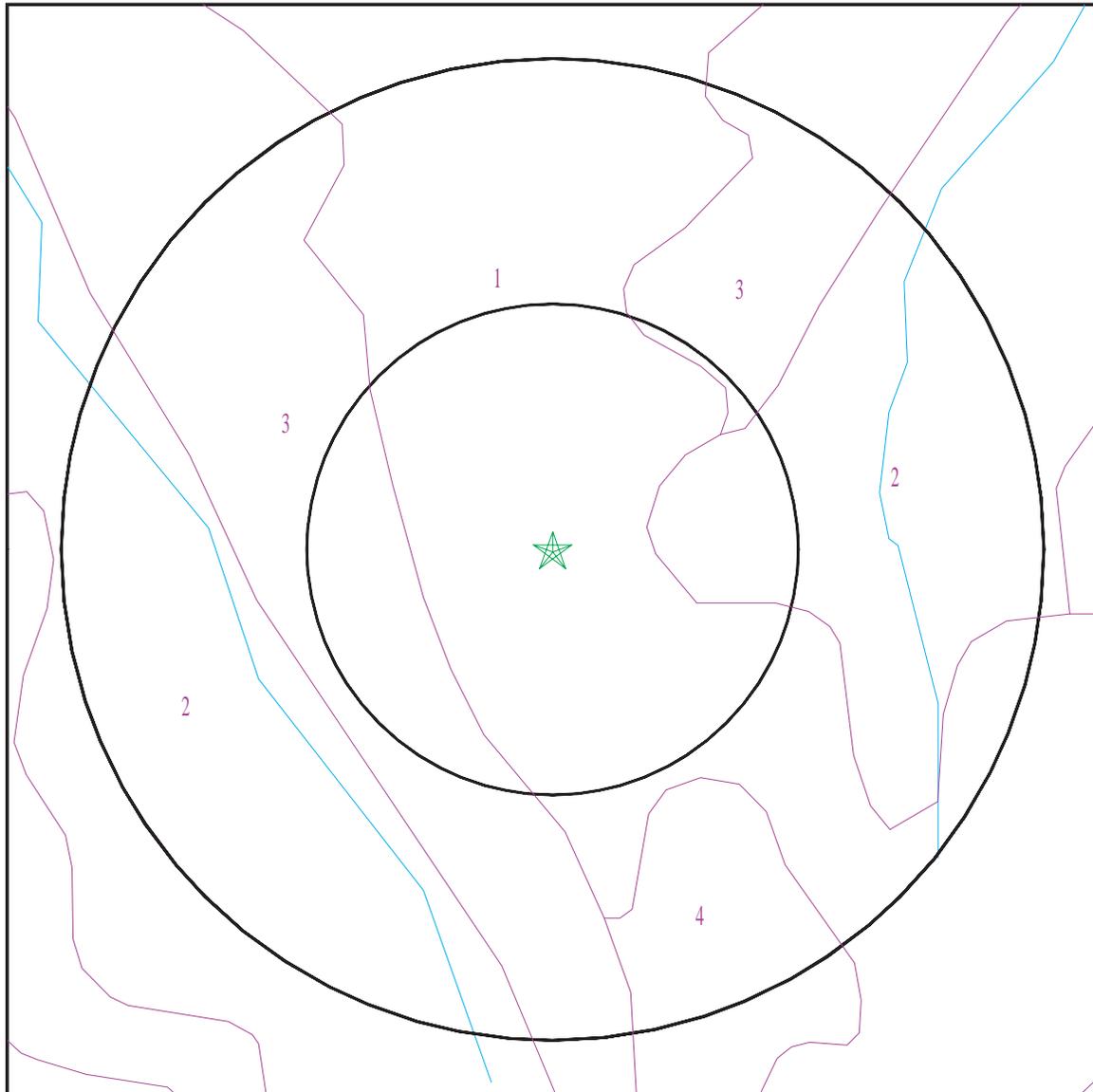
Era: Paleozoic
System: Pennsylvanian
Series: Atokan and Morrowan Series
Code: PP1 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 4029879.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Marlon Branch Property ADDRESS: Marion Branch Pikeville KY 41501 LAT/LONG: 37.4263 / 82.5371	CLIENT: Summit Engineering, Inc. CONTACT: Ashlie Childers INQUIRY #: 4029879.2s DATE: August 07, 2014 11:20 am
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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: Marrowbone

Soil Surface Texture: fine sandy 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: > 71 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	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 3.6
2	5 inches	27 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6 Min: 3.6
3	27 inches	31 inches	unweathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Kimper
 Soil Surface Texture: very channery 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: > 190 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	7 inches	very channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 4	Max: 7.3 Min: 4.1
2	7 inches	51 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14 Min: 4	Max: 6 Min: 4.5
3	51 inches	74 inches	very channery fine sandy 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: 6 Min: 4.5
4	74 inches	79 inches	unweathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: Feds creek
 Soil Surface Texture: channery 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: > 71 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	3 inches	channery loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 4.5
2	3 inches	48 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6 Min: 4.5
3	48 inches	64 inches	very channery loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 42 Min: 4	Max: 6 Min: 4.5
4	64 inches	68 inches	unweathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: Marrowbone

Soil Surface Texture: fine sandy 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: > 71 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	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6.5 Min: 3.6
2	5 inches	27 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 6 Min: 3.6
3	27 inches	31 inches	unweathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

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>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	KY4000000035644	1/2 - 1 Mile West
2	KY4000000035897	1/2 - 1 Mile NW
3	KY4000000035499	1/2 - 1 Mile WSW
4	KY4000000035984	1/2 - 1 Mile NW
A5	KY4000000035853	1/2 - 1 Mile WNW
6	KY4000000035297	1/2 - 1 Mile SE
A7	KY4000000035888	1/2 - 1 Mile WNW
8	KY4000000035631	1/2 - 1 Mile East
9	KY4000000035887	1/2 - 1 Mile WNW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

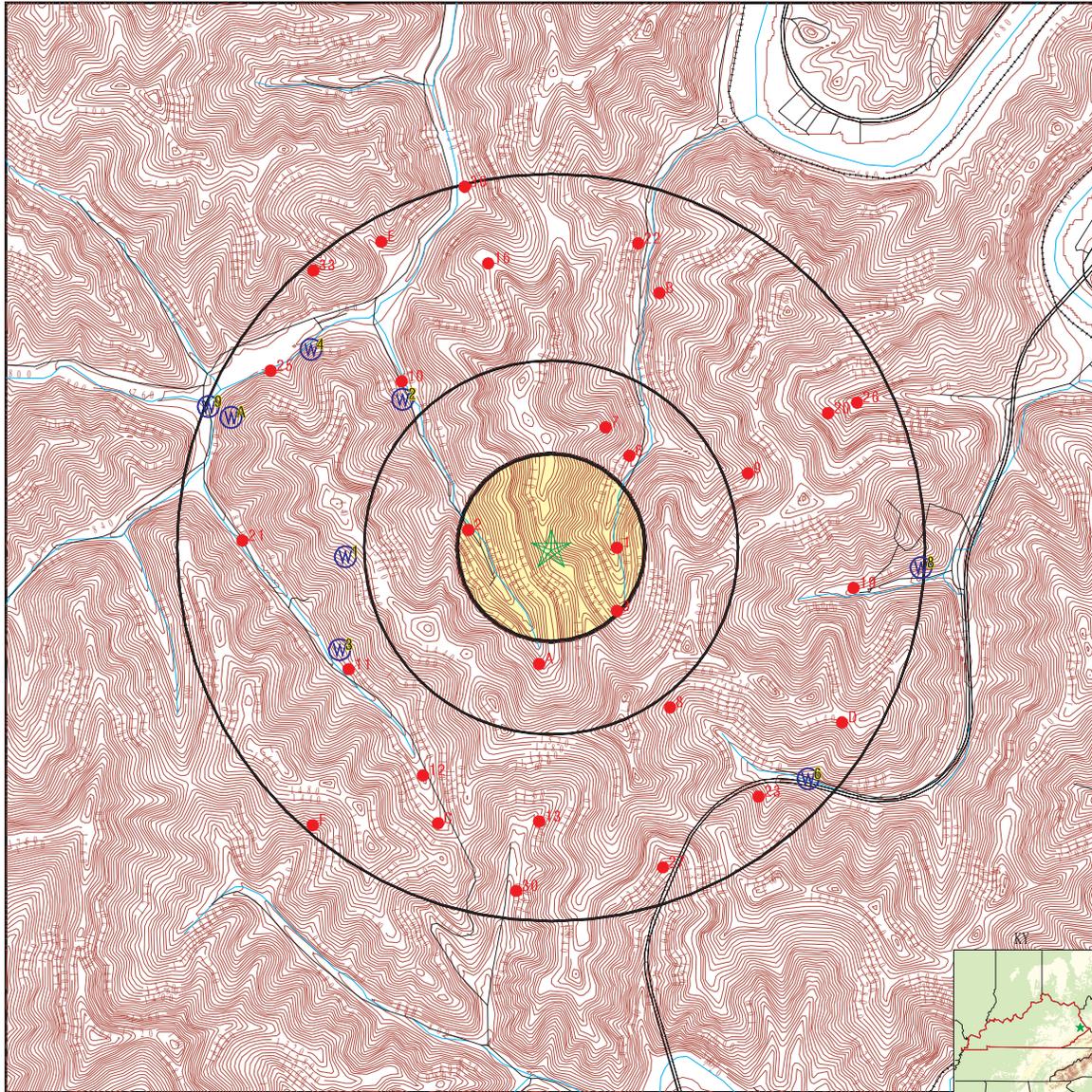
MAP ID	WELL ID	LOCATION FROM TP
1	KYOG90000077180	1/8 - 1/4 Mile East
2	KYOG90000077228	1/8 - 1/4 Mile WNW
3	KYOG90000077020	1/8 - 1/4 Mile SE
A4	KYOG90000076859	1/4 - 1/2 Mile South
A5	KYOG90000076847	1/4 - 1/2 Mile South
6	KYOG90000077420	1/4 - 1/2 Mile NE
7	KYOG90000077486	1/4 - 1/2 Mile NNE
8	KYOG90000076696	1/2 - 1 Mile SE
9	KYOG90000077372	1/2 - 1 Mile ENE
10	KYOG90000077602	1/2 - 1 Mile NW
11	KYOG90000076840	1/2 - 1 Mile WSW
12	KYOG90000076474	1/2 - 1 Mile SSW
13	KYOG90000076337	1/2 - 1 Mile South
B15	KYOG90000077808	1/2 - 1 Mile NNE
B14	KYOG90000077807	1/2 - 1 Mile NNE
16	KYOG90000077886	1/2 - 1 Mile NNW
C17	KYOG90000076327	1/2 - 1 Mile SSW
C18	KYOG90000076325	1/2 - 1 Mile SSW
19	KYOG90000077081	1/2 - 1 Mile East
20	KYOG90000077518	1/2 - 1 Mile ENE
21	KYOG90000077200	1/2 - 1 Mile West
22	KYOG90000077938	1/2 - 1 Mile NNE
23	KYOG90000076403	1/2 - 1 Mile SE
D24	KYOG90000076668	1/2 - 1 Mile ESE
25	KYOG90000077629	1/2 - 1 Mile WNW
26	KYOG90000077547	1/2 - 1 Mile ENE
27	KYOG90000076209	1/2 - 1 Mile SSE
D28	KYOG90000076624	1/2 - 1 Mile ESE
D29	KYOG90000076627	1/2 - 1 Mile ESE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
30	KYOG90000076145	1/2 - 1 Mile South
E31	KYOG90000077945	1/2 - 1 Mile NNW
E32	KYOG90000077944	1/2 - 1 Mile NNW
33	KYOG90000077870	1/2 - 1 Mile NW
F34	KYOG90000076318	1/2 - 1 Mile SW
F35	KYOG90000076320	1/2 - 1 Mile SW
36	KYOG90000078115	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 4029879.2s



- 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: Marlon Branch Property ADDRESS: Marlon Branch Pikeville KY 41501 LAT/LONG: 37.4263 / 82.5371	CLIENT: Summit Engineering, Inc. CONTACT: Ashlie Childers INQUIRY #: 4029879.2s DATE: August 07, 2014 11:20 am
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
1 West 1/2 - 1 Mile Lower	KY WELLS	KY4000000035644
Location i: 33515 North lati: 37.42594 West longi: -82.5471 Akgwa numb: 00020089 Primary us: Domestic Site id: KY4000000035644	Site type: Water Well Constructi: 31-AUG-87	
<hr/>		
2 NW 1/2 - 1 Mile Lower	KY WELLS	KY4000000035897
Location i: 29486 North lati: 37.43205 West longi: -82.54432 Akgwa numb: 00002057 Primary us: Domestic Site id: KY4000000035897	Site type: Water Well Constructi: 16-NOV-85	
<hr/>		
3 WSW 1/2 - 1 Mile Lower	KY WELLS	KY4000000035499
Location i: 28528 North lati: 37.42233 West longi: -82.54738 Akgwa numb: 00000249 Primary us: Domestic Site id: KY4000000035499	Site type: Water Well Constructi: 26-MAR-87	
<hr/>		
4 NW 1/2 - 1 Mile Lower	KY WELLS	KY4000000035984
Location i: 30796 North lati: 37.43399 West longi: -82.54877 Akgwa numb: 00002783 Primary us: Domestic Site id: KY4000000035984	Site type: Water Well Constructi: 18-JUL-86	
<hr/>		
A5 WNW 1/2 - 1 Mile Lower	KY WELLS	KY4000000035853

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Location i:	30745	Site type:	Water Well
North lati:	37.43093	Constructi:	16-JAN-86
West longi:	-82.55266		
Akgwa numb:	00002729		
Primary us:	Domestic		
Site id:	KY4000000035853		

6
SE
1/2 - 1 Mile
Lower **KY WELLS** **KY4000000035297**

Location i:	34287	Site type:	Water Well
North lati:	37.41732	Constructi:	17-MAY-88
West longi:	-82.5246		
Akgwa numb:	00020286		
Primary us:	Unknown		
Site id:	KY4000000035297		

A7
WNW
1/2 - 1 Mile
Lower **KY WELLS** **KY4000000035888**

Location i:	35822	Site type:	Water Well
North lati:	37.43177	Constructi:	18-OCT-88
West longi:	-82.55266		
Akgwa numb:	00012431		
Primary us:	Domestic		
Site id:	KY4000000035888		

8
East
1/2 - 1 Mile
Lower **KY WELLS** **KY4000000035631**

Location i:	251002	Site type:	Water Well
North lati:	37.42552	Constructi:	03-MAR-98
West longi:	-82.51911		
Akgwa numb:	00048908		
Primary us:	Domestic		
Site id:	KY4000000035631		

9
WNW
1/2 - 1 Mile
Lower **KY WELLS** **KY4000000035887**

Location i:	34142	Site type:	Water Well
North lati:	37.43177	Constructi:	02-MAY-88
West longi:	-82.55376		
Akgwa numb:	00011593		
Primary us:	Domestic		
Site id:	KY4000000035887		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance	Database	EDR ID Number
---------------------------------	----------	---------------

1		
East	OIL_GAS	KYOG90000077180
1/8 - 1/4 Mile		
Api:	Not Reported	Kgs recno: 41025
Letter:	L	Number : 84
Section:	23	Fns: 2600
Ns:	N	Few: 200
Ew:	E	Surf elev: 1020
Usgs quad:	PIKEVILLE	County: PIKE
Org farm:	BREWER, SUSAN	
Org oper:	STEELE, SHERMAN	
Org wellno:	Not Reported	Td: 3570
Tdfm:	341OHIO	Deepst pay: 341OHIO
lof ip:	127 MCFGPD	Org wclass: DEV
Org result:	GAS	Cmpl date: 31-AUG-51
Plug date:	17-OCT-88	Plug afdvt: PA
Core:	Not Reported	Cuttings: 0
Elog:	Not Reported	Plotsymbol: GAS
Kgs permit:	Not Reported	
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/1/R00041025/R00041025.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page	
Bore type:	V	
Rec lat27:	37.4261927731	
Rec lng27:	-82.5340220238	
Rec lat83:	37.4262948993	
Rec lng83:	-82.5338969275	

2		
WNW	OIL_GAS	KYOG90000077228
1/8 - 1/4 Mile		
Api:	16195029640000	Kgs recno: 41016
Letter:	L	Number : 84
Section:	23	Fns: 2350
Ns:	N	Few: 2300
Ew:	E	Surf elev: 845
Usgs quad:	PIKEVILLE	County: PIKE
Org farm:	BREWER, SUSAN	
Org oper:	STEELE, SHERMAN	
Org wellno:	1	Td: 3329
Tdfm:	341OHIO	Deepst pay: 341OHIO
lof ip:	300 MCFGPD	Org wclass: DEV
Org result:	GAS	Cmpl date: 23-NOV-50
Plug date:	30-DEC-99	Plug afdvt: Not Reported
Core:	Not Reported	Cuttings: 0
Elog:	Not Reported	Plotsymbol: GAS
Kgs permit:	N11186	
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/1/R00041016/R00041016.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page	
Bore type:	V	
Rec lat27:	37.4268793655	
Rec lng27:	-82.5412532741	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.4269814227
 Rec lng83: -82.541128361

**3
SE
1/8 - 1/4 Mile**

OIL_GAS KYOG90000077020

Api:	Not Reported	Kgs recno:	41009
Letter:	L	Number :	84
Section:	23	Fns:	2575
Ns:	S	Few:	200
Ew:	E	Surf elev:	1200
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	CLINE, J S		
Org oper:	RILEY, R E		
Org wellno:	2	Td:	3696
Tdfm:	341OHIO	Deepst pay:	340BBSI
Iof ip:	189 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	28-SEP-48
Plug date:	25-AUG-64	Plug afdvt:	PA
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	Not Reported		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/1/R00041009/R00041009.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4237385676		
Rec lng27:	-82.5340220238		
Rec lat83:	37.4238407703		
Rec lng83:	-82.5338969488		

**A4
South
1/4 - 1/2 Mile**

OIL_GAS KYOG90000076859

Api:	16195015530000	Kgs recno:	70049
Letter:	L	Number :	84
Section:	23	Fns:	1850
Ns:	S	Few:	1300
Ew:	E	Surf elev:	1102
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	RAY, DOC (SWORD)		
Org oper:	STEELE, SHERMAN		
Org wellno:	2	Td:	0
Tdfm:	000	Deepst pay:	000
Iof ip:	Not Reported	Org wclass:	UNC
Org result:	LOC	Cmpl date:	30-DEC-99
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	LOC
Kgs permit:	418EF		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/7/0/R00070049/R00070049.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4217474499		
Rec lng27:	-82.5378098216		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.4218496881
 Rec lng83: -82.5376848615

**A5
 South
 1/4 - 1/2 Mile**

OIL_GAS KYOG90000076847

Api:	16195034590000	Kgs recno:	60390
Letter:	L	Number :	84
Section:	23	Fns:	1800
Ns:	S	Few:	1300
Ew:	E	Surf elev:	1140
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	COLONY COAL & COKE CO		
Org oper:	UNITED CARBON CO		
Org wellno:	Not Reported	Td:	3626
Tdfm:	341OHIO	Deepst pay:	341OHIO
Iof ip:	400 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	17-JUL-31
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	N2605		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/6/0/R00060390/R00060390.djvu?djvuopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4216101314		
Rec lng27:	-82.5378098216		
Rec lat83:	37.4217123739		
Rec lng83:	-82.5376848627		

**6
 NE
 1/4 - 1/2 Mile**

OIL_GAS KYOG90000077420

Api:	Not Reported	Kgs recno:	41000
Letter:	L	Number :	84
Section:	23	Fns:	1300
Ns:	N	Few:	25
Ew:	E	Surf elev:	920
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	CLINE, JOHN S JR ET AL		
Org oper:	RILEY, R E		
Org wellno:	2	Td:	1641
Tdfm:	332MAXN	Deepst pay:	332MAXN
Iof ip:	2268 MCFGPD	Org wclass:	EXT
Org result:	GAS	Cmpl date:	20-JAN-48
Plug date:	06-JUN-84	Plug afdvt:	PA
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	Not Reported		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/1/R00041000/R00041000.djvu?djvuopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4297630532		
Rec lng27:	-82.5334194196		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.429865072
 Rec lng83: -82.5332942764

7
NNE
1/4 - 1/2 Mile

		OIL_GAS	KYOG90000077486
Api:	16195001950000	Kgs recno:	85353
Letter:	L	Number :	84
Section:	23	Fns:	900
Ns:	N	Few:	360
Ew:	E	Surf elev:	1231
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	CLINE, J S HEIRS		
Org oper:	RILEY-SCOTT TRUSTEE		
Org wellno:	6	Td:	3697
Tdfm:	341OHIO	Deepst pay:	341OHIO
Iof ip:	1500 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	20-MAY-88
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	1117
Elog:	FDC	Plotsymbol:	GAS
Kgs permit:	76406		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/8/5/R00085353/R00085353.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.430861601		
Rec lng27:	-82.5345729762		
Rec lat83:	37.4309635782		
Rec lng83:	-82.534447854		

8
SE
1/2 - 1 Mile

		OIL_GAS	KYOG90000076696
Api:	16195042050000	Kgs recno:	120753
Letter:	L	Number :	84
Section:	22	Fns:	1210
Ns:	S	Few:	550
Ew:	W	Surf elev:	1397
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	EQUITABLE PRODUCTION COMPANY		
Org oper:	EQUITABLE PRODUCTION COMPANY		
Org wellno:	KF3948	Td:	3965
Tdfm:	341OLNG	Deepst pay:	341HURNL
Iof ip:	Not Reported	Org wclass:	EXT
Org result:	GAS	Cmpl date:	18-SEP-00
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	DIL	Plotsymbol:	GAS
Kgs permit:	90753		
Images:	http://kgs.uky.edu/oilgasimages/0/0/1/2/0/R00120753/R00120753.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4199897735		
Rec lng27:	-82.5314394344		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.4200921114
 Rec lng83: -82.5313143258

9
ENE
1/2 - 1 Mile

		OIL_GAS	KYOG90000077372
Api:	16195015130000	Kgs recno:	41030
Letter:	L	Number :	84
Section:	22	Fns:	1550
Ns:	N	Few:	1650
Ew:	W	Surf elev:	1184
Usqs quad:	PIKEVILLE	County:	PIKE
Org farm:	CLINE, J S		
Org oper:	RILEY, R E		
Org wellno:	5	Td:	3715
Tdfm:	341OHIO	Deepst pay:	341OHIO
Iof ip:	103 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	26-MAR-59
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	850E8		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/1/R00041030/R00041030.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4290764609		
Rec lng27:	-82.5276516367		
Rec lat83:	37.4291785379		
Rec lng83:	-82.5275263476		

10
NW
1/2 - 1 Mile

		OIL_GAS	KYOG90000077602
Api:	Not Reported	Kgs recno:	40998
Letter:	L	Number :	84
Section:	23	Fns:	250
Ns:	N	Few:	1600
Ew:	W	Surf elev:	790
Usqs quad:	PIKEVILLE	County:	PIKE
Org farm:	RAY, DOC (SWORD)		
Org oper:	WARE DRILLING CO, INC		
Org wellno:	Not Reported	Td:	3186
Tdfm:	341OHIO	Deepst pay:	341OHIO
Iof ip:	250 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	30-NOV-43
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	Not Reported		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/0/R00040998/R00040998.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.432646741		
Rec lng27:	-82.544490476		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.4327486021
 Rec lng83: -82.544365602

**11
 WSW
 1/2 - 1 Mile**

OIL_GAS KYOG90000076840

Api:	Not Reported	Kgs recno:	41007
Letter:	L	Number :	84
Section:	23	Fns:	1750
Ns:	S	Few:	850
Ew:	W	Surf elev:	920
Usqs quad:	PIKEVILLE	County:	PIKE
Org farm:	COMPTON, JOHN W		
Org oper:	KINDRED, J C ET AL		
Org wellno:	1	Td:	3314
Tdfm:	341OHIO	Deepst pay:	341OHIO
Iof ip:	292 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	19-OCT-44
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	Not Reported		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/1/R00041007/R00041007.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.421472813		
Rec lng27:	-82.5470730654		
Rec lat83:	37.4215749948		
Rec lng83:	-82.5469483462		

**12
 SSW
 1/2 - 1 Mile**

OIL_GAS KYOG90000076474

Api:	Not Reported	Kgs recno:	41006
Letter:	L	Number :	84
Section:	23	Fns:	250
Ns:	S	Few:	1900
Ew:	W	Surf elev:	1040
Usqs quad:	PIKEVILLE	County:	PIKE
Org farm:	COMPTON, BEN		
Org oper:	KINDRED, J C ET AL		
Org wellno:	1	Td:	3448
Tdfm:	341OHIO	Deepst pay:	341OHIO
Iof ip:	629 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	31-DEC-46
Plug date:	23-DEC-97	Plug afdvt:	PA
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	N1616		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/1/R00041006/R00041006.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.417353259		
Rec lng27:	-82.5434574402		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.4174555914
 Rec lng83: -82.5433326608

**13
 South
 1/2 - 1 Mile**

OIL_GAS KYOG90000076337

Api:	16195026860000	Kgs recno:	70674
Letter:	K	Number :	84
Section:	3	Fns:	400
Ns:	N	Few:	1300
Ew:	E	Surf elev:	1000
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	COMPTON, C H		
Org oper:	KINDRED, J C ET AL		
Org wellno:	2	Td:	3441
Tdfm:	341OHIO	Deepst pay:	341OHIO
Iof ip:	600 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	31-DEC-47
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	N10361		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/7/0/R00070674/R00070674.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4155681158		
Rec lng27:	-82.5378088298		
Rec lat83:	37.4156705447		
Rec lng83:	-82.5376839216		

**B15
 NNE
 1/2 - 1 Mile**

OIL_GAS KYOG90000077808

Api:	Not Reported	Kgs recno:	40936
Letter:	L	Number :	84
Section:	19	Fns:	1000
Ns:	S	Few:	400
Ew:	W	Surf elev:	890
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	SWORD, J R		
Org oper:	RILEY, R E		
Org wellno:	5739	Td:	1610
Tdfm:	332MAXN	Deepst pay:	332MAXN
Iof ip:	198 MCFGPD	Org wclass:	NPW
Org result:	GAS	Cmpl date:	31-JUL-47
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	Not Reported		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/0/R00040936/R00040936.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4360796948		
Rec lng27:	-82.5319556469		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.4361815249
 Rec lng83: -82.5318304093

B14
NNE
1/2 - 1 Mile

		OIL_GAS	KYO90000077807
Api:	Not Reported	Kgs recno:	40935
Letter:	L	Number :	84
Section:	19	Fns:	1000
Ns:	S	Few:	400
Ew:	W	Surf elev:	890
Usqs quad:	PIKEVILLE	County:	PIKE
Org farm:	SWORD, J R		
Org oper:	RILEY, R E		
Org wellno:	5739	Td:	3350
Tdfm:	341OHIO	Deepst pay:	341OHIO
Iof ip:	600 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	31-DEC-49
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	Not Reported		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/0/R00040935/R00040935.djvu?djvuopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4360796948		
Rec lng27:	-82.5319556469		
Rec lat83:	37.4361815249		
Rec lng83:	-82.5318304093		

16
NNW
1/2 - 1 Mile

		OIL_GAS	KYO90000077886
Api:	16195048800000	Kgs recno:	125157
Letter:	L	Number :	84
Section:	18	Fns:	1416
Ns:	S	Few:	2017
Ew:	E	Surf elev:	1093
Usqs quad:	PIKEVILLE	County:	PIKE
Org farm:	WALTERS, ELMON ET AL		
Org oper:	KINZER, J W		
Org wellno:	1238	Td:	3768
Tdfm:	341OHIO	Deepst pay:	341OHIO
Iof ip:	Not Reported	Org wclass:	DEV
Org result:	GAS	Cmpl date:	22-OCT-03
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	2164
Elog:	FDC	Plotsymbol:	GAS
Kgs permit:	94307		
Images:	http://kgs.uky.edu/oilgasimages/0/0/1/2/5/R00125157/R00125157.djvu?djvuopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4372221812		
Rec lng27:	-82.5402803172		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.4373239277
 Rec lng83: -82.5401552936

C17			OIL_GAS	KYOG90000076327
SSW				
1/2 - 1 Mile				
Api:	16195057610000	Kgs recno:	132070	
Letter:	K	Number :	84	
Section:	3	Fns:	422	
Ns:	N	Few:	2113	
Ew:	W	Surf elev:	1108	
Usgs quad:	PIKEVILLE	County:	PIKE	
Org farm:	EQUITABLE PRODUCTION COMPANY (BE			
Org oper:	INTERSTATE NATURAL GAS CO			
Org wellno:	2	Td:	3697	
Tdfm:	341OHIO	Deepst pay:	341OHIO	
lof ip:	120 MCFGPD	Org wclass:	DEV	
Org result:	GAS	Cmpl date:	28-MAR-07	
Plug date:	30-DEC-99	Plug afdvt:	Not Reported	
Core:	Not Reported	Cuttings:	0	
Elog:	AUDI	Plotsymbol:	GAS	
Kgs permit:	100544			
Bore type:	V			
Rec lat27:	37.4155076955			
Rec lng27:	-82.5427255969			
Rec lat83:	37.4156100895			
Rec lng83:	-82.5426008137			

C18			OIL_GAS	KYOG90000076325
SSW				
1/2 - 1 Mile				
Api:	16195057590000	Kgs recno:	132068	
Letter:	K	Number :	84	
Section:	3	Fns:	430	
Ns:	N	Few:	2118	
Ew:	W	Surf elev:	1106	
Usgs quad:	PIKEVILLE	County:	PIKE	
Org farm:	EQUITABLE PRODUCTION COMPANY (BE			
Org oper:	INTERSTATE NATURAL GAS CO			
Org wellno:	2-T	Td:	0	
Tdfm:	000	Deepst pay:	332BIGL	
lof ip:	Not Reported	Org wclass:	UNC	
Org result:	LOC	Cmpl date:	30-DEC-99	
Plug date:	30-DEC-99	Plug afdvt:	Not Reported	
Core:	Not Reported	Cuttings:	0	
Elog:	Not Reported	Plotsymbol:	LOC	
Kgs permit:	100545			
Bore type:	V			
Rec lat27:	37.4154857245			
Rec lng27:	-82.5427083834			

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.4155881193
 Rec lng83: -82.5425836

**19
 East**

1/2 - 1 Mile

OIL_GAS KYOG90000077081

Api:	16195032090000	Kgs recno:	41001
Letter:	L	Number :	84
Section:	22	Fns:	2900
Ns:	S	Few:	1700
Ew:	E	Surf elev:	885
Usqs quad:	PIKEVILLE	County:	PIKE
Org farm:	FORD, WILLIAM		
Org oper:	KENTUCKY WEST VIRGINIA GAS CO		
Org wellno:	5320	Td:	3366
Tdfm:	341OHIO	Deepst pay:	340BBSI
Iof ip:	103 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	30-AUG-41
Plug date:	20-OCT-08	Plug afdvt:	PA
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	N20548		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/1/R00041001/R00041001.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4246311377		
Rec lng27:	-82.5225205359		
Rec lat83:	37.4247333901		
Rec lng83:	-82.5223951543		

20

ENE

1/2 - 1 Mile

OIL_GAS KYOG90000077518

Api:	16195027480000	Kgs recno:	109014
Letter:	L	Number :	84
Section:	22	Fns:	700
Ns:	N	Few:	2060
Ew:	E	Surf elev:	1039
Usqs quad:	PIKEVILLE	County:	PIKE
Org farm:	DANIELS, GROVER & ROSY FORD		
Org oper:	J M L OIL & GAS CO		
Org wellno:	140	Td:	3614
Tdfm:	341OHIO	Deepst pay:	341OHIO
Iof ip:	289 MCFGPD	Org wclass:	UNC
Org result:	GAS	Cmpl date:	11-NOV-93
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	934
Elog:	BC	Plotsymbol:	GAS
Kgs permit:	85332		
Images:	http://kgs.uky.edu/oilgasimages/0/0/1/0/9/R00109014/R00109014.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4314108748		
Rec lng27:	-82.5237601789		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.4315129021
 Rec lng83: -82.5236347653

**21
 West
 1/2 - 1 Mile**

OIL_GAS KYOG90000077200

Api:	16195026850000	Kgs recno:	40999
Letter:	L	Number :	84
Section:	24	Fns:	2500
Ns:	N	Few:	650
Ew:	E	Surf elev:	820
Usqs quad:	PIKEVILLE	County:	PIKE
Org farm:	YOST, J E		
Org oper:	KINDRED, J C ET AL		
Org wellno:	1	Td:	3201
Tdfm:	341OHIO	Deepst pay:	341OHIO
Iof ip:	200 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	15-NOV-45
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	N10360		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/0/R00040999/R00040999.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4264674101		
Rec lng27:	-82.5522382441		
Rec lat83:	37.4265694074		
Rec lng83:	-82.5521136214		

**22
 NNE
 1/2 - 1 Mile**

OIL_GAS KYOG90000077938

Api:	Not Reported	Kgs recno:	40948
Letter:	L	Number :	84
Section:	19	Fns:	1700
Ns:	S	Few:	100
Ew:	W	Surf elev:	840
Usqs quad:	PIKEVILLE	County:	PIKE
Org farm:	CLINE, J S		
Org oper:	RILEY, R E		
Org wellno:	3	Td:	5220
Tdfm:	365TRNT	Deepst pay:	341OHIO
Iof ip:	250 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	18-JUN-49
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	Not Reported		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/0/R00040948/R00040948.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4380021478		
Rec lng27:	-82.5329889117		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.4381039118
 Rec lng83: -82.532863685

**23
SE**

1/2 - 1 Mile

OIL_GAS KYOG90000076403

Api:	Not Reported	Kgs recno:	41008
Letter:	K	Number :	84
Section:	2	Fns:	50
Ns:	N	Few:	1800
Ew:	W	Surf elev:	1065
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	FORD, THOMAS		
Org oper:	KENTUCKY WEST VIRGINIA GAS CO		
Org wellno:	5293	Td:	3561
Tdfm:	341OHIO	Deepst pay:	000
Iof ip:	Not Reported	Org wclass:	DEV
Org result:	D&A	Cmpl date:	24-MAY-41
Plug date:	30-DEC-99	Plug afdvt:	PA
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	D&A
Kgs permit:	Not Reported		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/1/R00041008/R00041008.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4165293478		
Rec lng27:	-82.5271364921		
Rec lat83:	37.416631826		
Rec lng83:	-82.5270113049		

**D24
ESE**

1/2 - 1 Mile

OIL_GAS KYOG90000076668

Api:	16195042060000	Kgs recno:	120754
Letter:	L	Number :	84
Section:	22	Fns:	1100
Ns:	S	Few:	1980
Ew:	E	Surf elev:	1458
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	EQUITABLE PRODUCTION COMPANY		
Org oper:	EQUITABLE PRODUCTION COMPANY		
Org wellno:	KF1691	Td:	4070
Tdfm:	341OLNG	Deepst pay:	341HURNL
Iof ip:	Not Reported	Org wclass:	EXT
Org result:	GAS	Cmpl date:	18-SEP-00
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	DIL	Plotsymbol:	GAS
Kgs permit:	90754		
Images:	http://kgs.uky.edu/oilgasimages/0/0/1/2/0/R00120754/R00120754.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4196876729		
Rec lng27:	-82.5234847027		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.4197900771
 Rec lng83: -82.5233593928

**25
 WNW
 1/2 - 1 Mile**

OIL_GAS KYOG90000077629

Api:	Not Reported	Kgs recno:	40995
Letter:	L	Number :	84
Section:	24	Fns:	100
Ns:	N	Few:	250
Ew:	E	Surf elev:	780
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	SWORD, JAMES		
Org oper:	WARE DRILLING CO, INC		
Org wellno:	1	Td:	3142
Tdfm:	341OHIO	Deepst pay:	341OHIO
Iof ip:	103 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	31-MAY-43
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	Not Reported		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/0/R00040995/R00040995.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4330586964		
Rec lng27:	-82.5508608631		
Rec lat83:	37.4331605063		
Rec lng83:	-82.5507361554		

**26
 ENE
 1/2 - 1 Mile**

OIL_GAS KYOG90000077547

Api:	16195015690000	Kgs recno:	41024
Letter:	L	Number :	84
Section:	22	Fns:	550
Ns:	N	Few:	1650
Ew:	E	Surf elev:	929
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	FORD, ALVIS ET AL		
Org oper:	UNITED CARBON CO		
Org wellno:	1	Td:	3413
Tdfm:	341OHIO	Deepst pay:	340BBSI
Iof ip:	300 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	25-JUN-51
Plug date:	28-APR-93	Plug afdvt:	PA
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	498EF		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/1/R00041024/R00041024.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4318228302		
Rec lng27:	-82.5223483633		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.431924853
 Rec lng83: -82.5222229084

27
SSE
 1/2 - 1 Mile

OIL_GAS KYOG90000076209

Api:	16195034790000	Kgs recno:	41011
Letter:	K	Number :	84
Section:	2	Fns:	1050
Ns:	N	Few:	450
Ew:	W	Surf elev:	1101
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	DAMRON, JAMES ET AL		
Org oper:	KENTUCKY WEST VIRGINIA GAS CO		
Org wellno:	902	Td:	3584
Tdfm:	341OHIO	Deepst pay:	341OHIO
Iof ip:	280 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	13-MAY-49
Plug date:	06-JAN-89	Plug afdvt:	PA
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	5EF		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/1/R00041011/R00041011.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4137829707		
Rec lng27:	-82.531784123		
Rec lat83:	37.4138855006		
Rec lng83:	-82.5316590781		

D28
ESE
 1/2 - 1 Mile

OIL_GAS KYOG90000076624

Api:	16195060240000	Kgs recno:	137463
Letter:	L	Number :	84
Section:	22	Fns:	942
Ns:	S	Few:	1810
Ew:	E	Surf elev:	1461
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	EQUITABLE PRODUCTION COMPANY		
Org oper:	EQUITABLE PRODUCTION COMPANY		
Org wellno:	568938	Td:	0
Tdfm:	000	Deepst pay:	341HURN
Iof ip:	Not Reported	Org wclass:	UNC
Org result:	LOC	Cmpl date:	30-DEC-99
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	LOC
Kgs permit:	105231		
Bore type:	H		
Rec lat27:	37.4192537466		
Rec lng27:	-82.5228993157		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.4193561688
 Rec lng83: -82.522773995

**D29
 ESE**

1/2 - 1 Mile

OIL_GAS KYOG90000076627

Api:	16195060260000	Kgs recno:	137488
Letter:	L	Number :	84
Section:	22	Fns:	954
Ns:	S	Few:	1798
Ew:	E	Surf elev:	1464
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	EQUITABLE PRODUCTION COMPANY		
Org oper:	EQUITABLE PRODUCTION COMPANY		
Org wellno:	568937	Td:	0
Tdfm:	000	Deepst pay:	339BREA
lof ip:	Not Reported	Org wclass:	UNC
Org result:	LOC	Cmpl date:	30-DEC-99
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	LOC
Kgs permit:	105259		
Bore type:	H		
Rec lat27:	37.419286703		
Rec lng27:	-82.5228579943		
Rec lat83:	37.4193891245		
Rec lng83:	-82.5227326722		

30

South

1/2 - 1 Mile

OIL_GAS KYOG90000076145

Api:	16195056600000	Kgs recno:	130178
Letter:	K	Number :	84
Section:	3	Fns:	1384
Ns:	N	Few:	1623
Ew:	E	Surf elev:	901
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	EQUITABLE PRODUCTION COMPANY-C C		
Org oper:	INTERSTATE NATURAL GAS CO		
Org wellno:	3	Td:	3427
Tdfm:	341OHIO	Deepst pay:	341OHIO
lof ip:	Not Reported	Org wclass:	DEV
Org result:	GAS	Cmpl date:	18-MAR-06
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	2381
Elog:	AUDI	Plotsymbol:	GAS
Kgs permit:	98832		
Images:	http://kgs.uky.edu/oilgasimages/0/0/1/3/0/R00130178/R00130178.djvu?djuvopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4128656807		
Rec lng27:	-82.5389208185		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.4129681844
 Rec lng83: -82.538795961

**E31
 NNW
 1/2 - 1 Mile**

OIL_GAS KYOG90000077945

Api:	16195041670000	Kgs recno:	120574
Letter:	L	Number :	84
Section:	18	Fns:	1723
Ns:	S	Few:	1314
Ew:	W	Surf elev:	860
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	AKERS, ARTHUR BILL & VICC LAND C		
Org oper:	KINZER, J W		
Org wellno:	981	Td:	3410
Tdfm:	341OHIO	Deepst pay:	341OHIO
Iof ip:	160 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	29-SEP-99
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	AUDI	Plotsymbol:	GAS
Kgs permit:	90574		
Images:	http://kgs.uky.edu/oilgasimages/0/0/1/2/0/R00120574/R00120574.djvu?djvuopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4380653141		
Rec lng27:	-82.5454743001		
Rec lat83:	37.4381670054		
Rec lng83:	-82.5453494098		

**E32
 NNW
 1/2 - 1 Mile**

OIL_GAS KYOG90000077944

Api:	16195041830000	Kgs recno:	120633
Letter:	L	Number :	84
Section:	18	Fns:	1723
Ns:	S	Few:	1308
Ew:	W	Surf elev:	860
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	AKERS, ARTHUR BILL		
Org oper:	KINZER, J W		
Org wellno:	983	Td:	1575
Tdfm:	332MAXN	Deepst pay:	332MAXN
Iof ip:	900 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	30-SEP-99
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	90633		
Images:	http://kgs.uky.edu/oilgasimages/0/0/1/2/0/R00120633/R00120633.djvu?djvuopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.4380653141		
Rec lng27:	-82.5454949654		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.4381670052
 Rec lng83: -82.5453700756

33 NW 1/2 - 1 Mile		OIL_GAS	KYOG90000077870
Api:	16195060550000	Kgs recno:	137927
Letter:	L	Number :	84
Section:	18	Fns:	1316
Ns:	S	Few:	353
Ew:	W	Surf elev:	1047
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	ROWE, G C HEIRS ET AL		
Org oper:	QUALITY NATURAL GAS, LLC		
Org wellno:	1546	Td:	3578
Tdfm:	341OHIO	Deepst pay:	341OHIO
lof ip:	0 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	08-JUL-10
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	105577		
Bore type:	V		
Rec lat27:	37.436947545		
Rec lng27:	-82.5487841917		
Rec lat83:	37.437049251		
Rec lng83:	-82.5486593992		

F34 SW 1/2 - 1 Mile		OIL_GAS	KYOG90000076318
Api:	16195058060000	Kgs recno:	133311
Letter:	K	Number :	84
Section:	3	Fns:	455
Ns:	N	Few:	348
Ew:	W	Surf elev:	1244
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	EPC - DAMRON, JOHN C		
Org oper:	INTERSTATE NATURAL GAS CO		
Org wellno:	1	Td:	3908
Tdfm:	341OHIO	Deepst pay:	341OHIO
lof ip:	84 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	10-JUN-07
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	AUDI	Plotsymbol:	GAS
Kgs permit:	101396		
Bore type:	V		
Rec lat27:	37.4154170651		
Rec lng27:	-82.548801944		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.4155194163
 Rec lng83: -82.5486773153

F35
SW
1/2 - 1 Mile

OIL_GAS **KYOG90000076320**

Api:	16195058070000	Kgs recno:	133312
Letter:	K	Number :	84
Section:	3	Fns:	451
Ns:	N	Few:	338
Ew:	W	Surf elev:	1246
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	EPC - DAMRON, JOHN C		
Org oper:	INTERSTATE NATURAL GAS CO		
Org wellno:	1T	Td:	0
Tdfm:	000	Deepst pay:	332BIGL
lof ip:	Not Reported	Org wclass:	UNC
Org result:	LOC	Cmpl date:	30-DEC-99
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	LOC
Kgs permit:	101397		
Bore type:	V		
Rec lat27:	37.4154280506		
Rec lng27:	-82.5488363709		
Rec lat83:	37.4155304012		
Rec lng83:	-82.548711743		

36
NNW
1/2 - 1 Mile

OIL_GAS **KYOG90000078115**

Api:	Not Reported	Kgs recno:	40954
Letter:	L	Number :	84
Section:	18	Fns:	2500
Ns:	S	Few:	2350
Ew:	E	Surf elev:	717
Usgs quad:	PIKEVILLE	County:	PIKE
Org farm:	ROWE, G C		
Org oper:	UNITED FUEL GAS CO		
Org wellno:	5780	Td:	3109
Tdfm:	341OHIO	Deepst pay:	340BBSI
lof ip:	47 MCFGPD	Org wclass:	DEV
Org result:	GAS	Cmpl date:	03-JUN-47
Plug date:	30-DEC-99	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	Not Reported		
Images:	http://kgs.uky.edu/oilgasimages/0/0/0/4/0/R00040954/R00040954.djvu?djvuopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.440199237		
Rec lng27:	-82.5414272411		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Rec lat83: 37.4403008859
Rec lng83: -82.5413022242

**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON**

AREA RADON INFORMATION

State Database: KY Radon

Radon Test Results

Zip	Test Date	Test Result
41501	9/17/2003	0.50
41501	3/23/2004	5.10
41501	11/6/2004	0.20
41501	6/23/2005	0.00
41501	6/23/2005	0.00
41501	6/23/2005	0.00
41501	5/15/2006	1.60
41501	5/15/2006	1.40
41501	5/15/2006	1.60
41501	3/12/2003	9.40
41501	3/12/2003	8.40

Federal EPA Radon Zone for PIKE 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: 41501

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.733 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.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

State Wetlands Data: Wetland Polygon Features

Source: Environmental Protection & Public Protection Cabinet

Telephone: 502-564-5174

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 Services

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 Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, 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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APPENDIX C
HISTORICAL MAPS

Marion Br - Old Tipple Site

Marion Branch

Pikeville, KY 41501

Inquiry Number: 4029879.11

August 07, 2014

EDR Historical Topographic Map Report



EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

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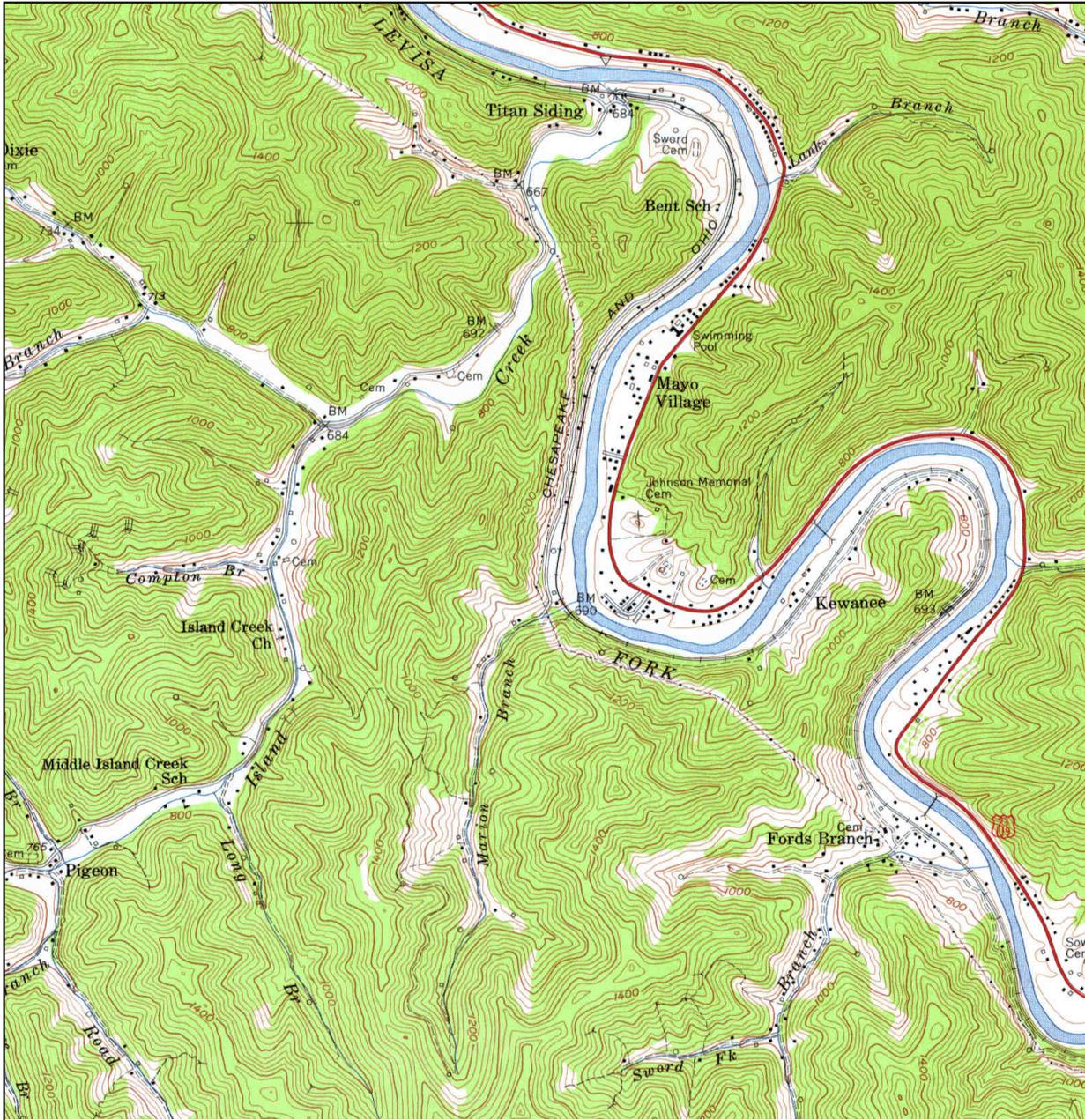
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Historical Topographic Map



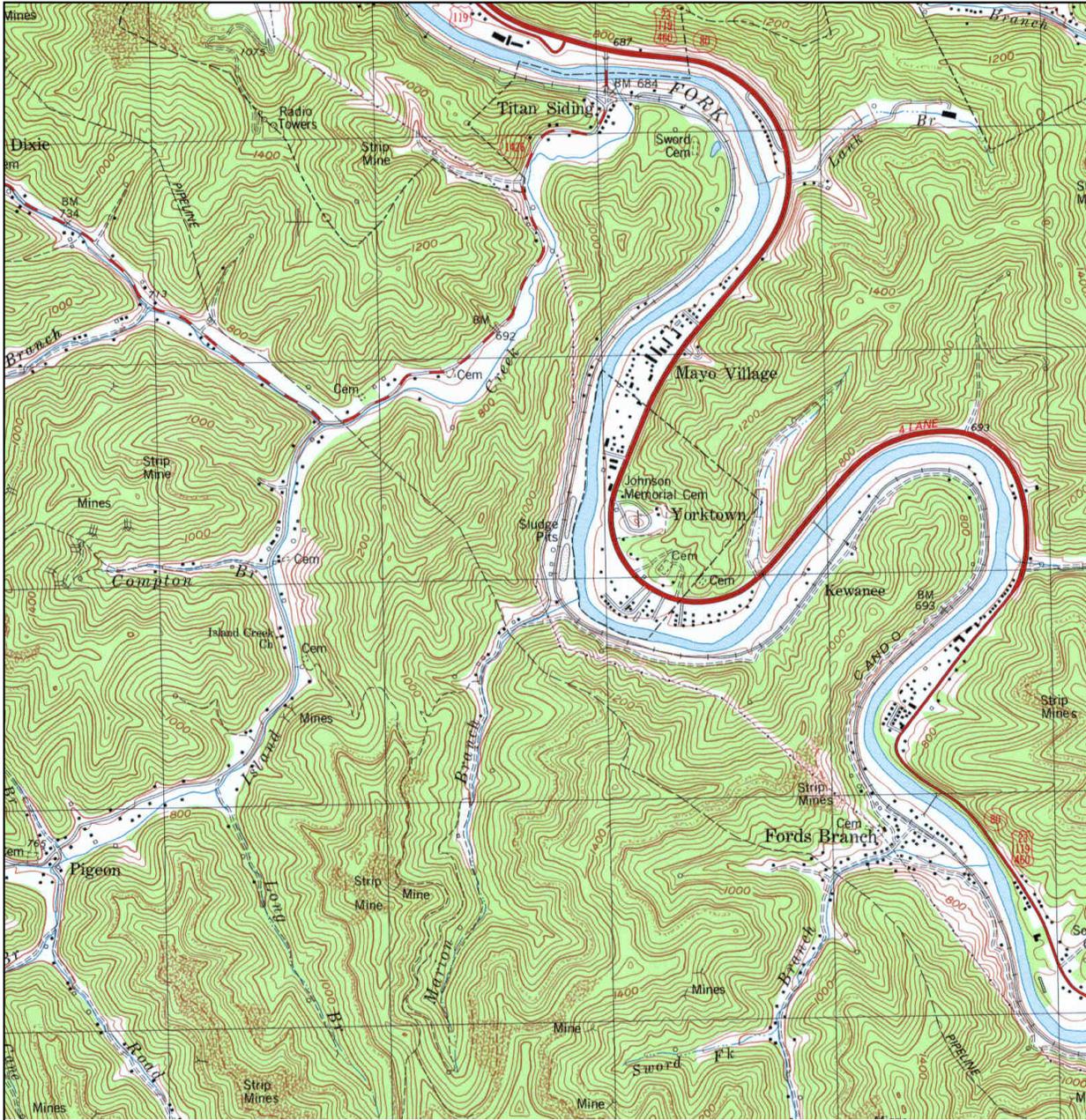
N 	TARGET QUAD	SITE NAME: Marion Br - Old Tipple Site	CLIENT: Summit Engineering, Inc.
	NAME: PIKEVILLE	ADDRESS: Marion Branch	CONTACT: Ashlie Childers
	MAP YEAR: 1916	LAT/LONG: 37.4445 / -82.5291	INQUIRY#: 4029879.11
	SERIES: 15		RESEARCH DATE: 08/07/2014
	SCALE: 1:62500		

Historical Topographic Map



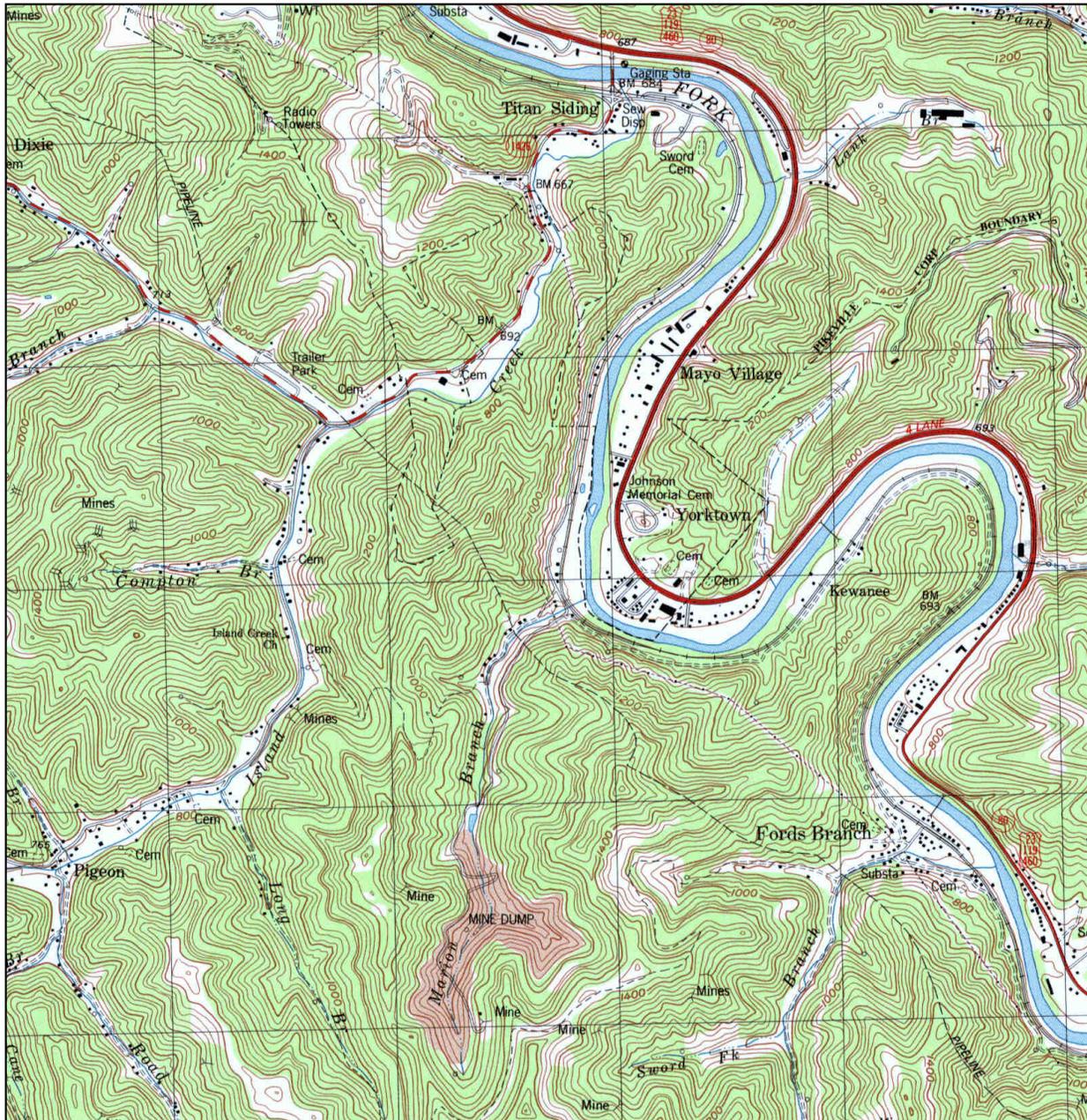
N 	TARGET QUAD	SITE NAME: Marion Br - Old Tipple Site	CLIENT: Summit Engineering, Inc.
	NAME: PIKEVILLE		CONTACT: Ashlie Childers
	MAP YEAR: 1954	ADDRESS: Marion Branch Pikeville, KY 41501	INQUIRY#: 4029879.11
	SERIES: 7.5	LAT/LONG: 37.4445 / -82.5291	RESEARCH DATE: 08/07/2014
	SCALE: 1:24000		

Historical Topographic Map



 N	TARGET QUAD NAME: PIKEVILLE MAP YEAR: 1978	SITE NAME: Marion Br - Old Tipple Site ADDRESS: Marion Branch Pikeville, KY 41501	CLIENT: Summit Engineering, Inc. CONTACT: Ashlie Childers INQUIRY#: 4029879.11 RESEARCH DATE: 08/07/2014
	SERIES: 7.5 SCALE: 1:24000	LAT/LONG: 37.4445 / -82.5291	

Historical Topographic Map



	TARGET QUAD	SITE NAME: Marion Br - Old Tipple Site	CLIENT: Summit Engineering, Inc.
	NAME: PIKEVILLE	ADDRESS: Marion Branch	CONTACT: Ashlie Childers
	MAP YEAR: 1992	PIKEVILLE, KY 41501	INQUIRY#: 4029879.11
	SERIES: 7.5	LAT/LONG: 37.4445 / -82.5291	RESEARCH DATE: 08/07/2014
	SCALE: 1:24000		

Marion Branch Property

Marion Branch

Pikeville, KY 41501

Inquiry Number: 4029879.4

August 07, 2014

EDR Historical Topographic Map Report



EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

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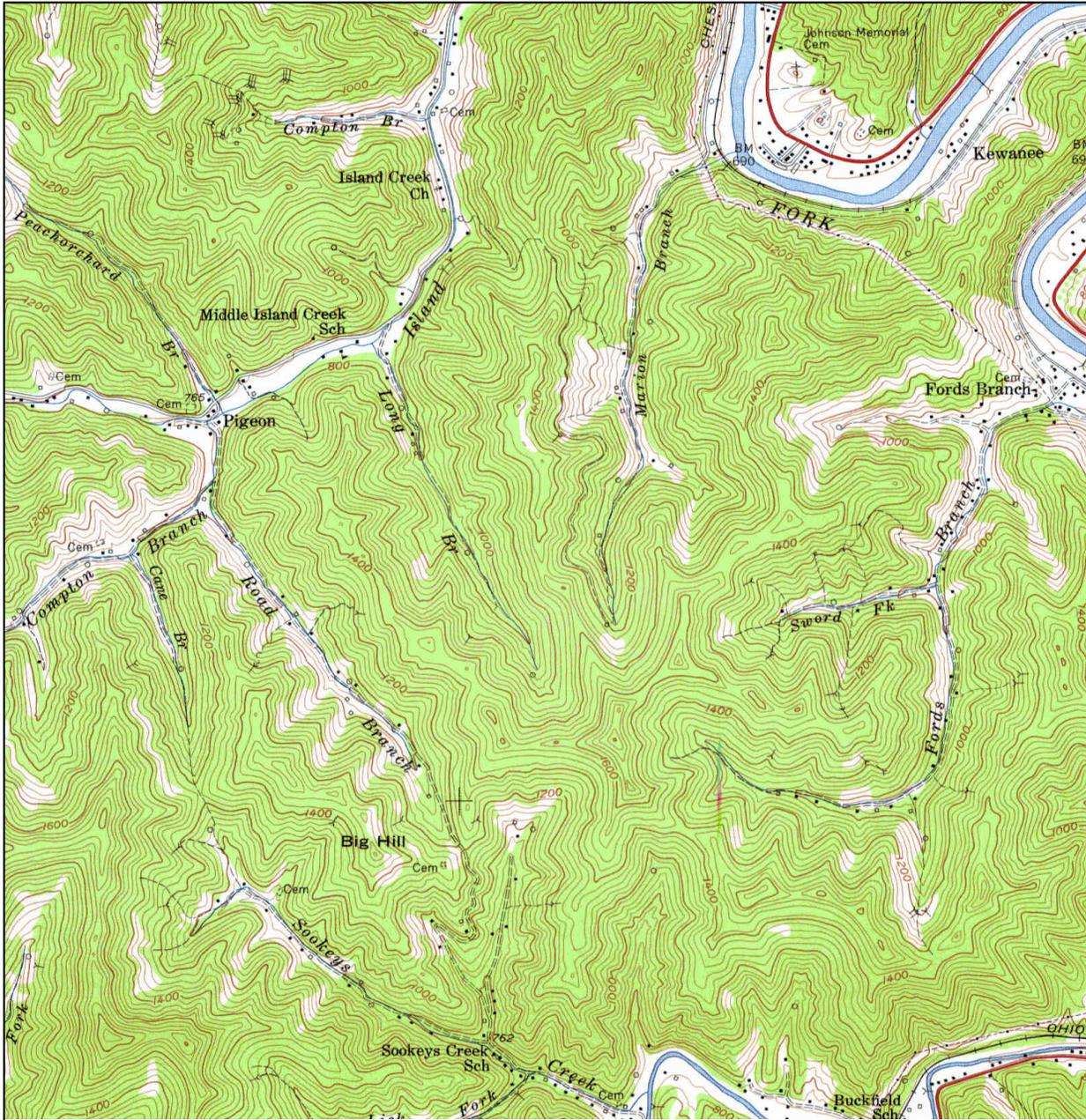
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Historical Topographic Map



N 	TARGET QUAD	SITE NAME: Marion Branch Property	CLIENT: Summit Engineering, Inc.
	NAME: PIKEVILLE	ADDRESS: Marion Branch	CONTACT: Ashlie Childers
	MAP YEAR: 1916	Pikeville, KY 41501	INQUIRY#: 4029879.4
	SERIES: 15	LAT/LONG: 37.4263 / -82.5371	RESEARCH DATE: 08/07/2014
	SCALE: 1:62500		

Historical Topographic Map



N 	TARGET QUAD NAME: PIKEVILLE MAP YEAR: 1954	SITE NAME: Marion Branch Property ADDRESS: Marion Branch Pikeville, KY 41501	CLIENT: Summit Engineering, Inc. CONTACT: Ashlie Childers INQUIRY#: 4029879.4 RESEARCH DATE: 08/07/2014
	SERIES: 7.5 SCALE: 1:24000	LAT/LONG: 37.4263 / -82.5371	

Historical Topographic Map



N 	TARGET QUAD NAME: PIKEVILLE MAP YEAR: 1978	SITE NAME: Marion Branch Property ADDRESS: Marion Branch Pikeville, KY 41501 LAT/LONG: 37.4263 / -82.5371	CLIENT: Summit Engineering, Inc. CONTACT: Ashlie Childers INQUIRY#: 4029879.4 RESEARCH DATE: 08/07/2014
	SERIES: 7.5 SCALE: 1:24000		

Historical Topographic Map



	TARGET QUAD	SITE NAME: Marion Branch Property	CLIENT: Summit Engineering, Inc.
	NAME: PIKEVILLE	ADDRESS: Marion Branch	CONTACT: Ashlie Childers
	MAP YEAR: 1992	Pikeville, KY 41501	INQUIRY#: 4029879.4
	SERIES: 7.5	LAT/LONG: 37.4263 / -82.5371	RESEARCH DATE: 08/07/2014
	SCALE: 1:24000		

APPENDIX D
MINING AND RECLAMATION PLAN MAPS

