

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
<u>EDR PROPRIETARY DATABASES</u>								
Coal Gas		N/A	N/A	N/A	N/A	N/A	N/A	N/A
AQUIFLOW	- see EDR Physical Setting Source Addendum							

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
HOPKINSVILLE	U003555423	UNKNOWN	HWY 41A	42240	UST, SHWS	6681024
HOPKINSVILLE	S103998475	HOPKINSVILLE COMPOSTING FACILITY	1500 CEDAR AVENUE	42240	SWF/LF	SW024000033
HOPKINSVILLE	1000440598	GRAY PCB	1012 MOAYAN DRIVE	42240	CERCLIS, FINDS	
HOPKINSVILLE	S1035933348	CHRISTIAN COUNTY CONVENIENCE CENTER	EAST MT ZOAR ROAD	42240	SWF/LF	SW024000014
HOPKINSVILLE	1001692979	FAULTLESS HARDWARE	120 POST ROAD	42240	FINDS, SHWS	
OAK GROVE	U001441203	HOT STOP MARKETS #1351	RT 1	42262	UST	139024
OAK GROVE	U000718721	RAES CAR CARE CENTER	HWY 41A	42262	UST	1128024
OAK GROVE	U003132362	FISH PROPERTY/POPS AUTO REPAIR	HWY 41A FT CAMPBELL BLVD	42262	UST	1020024
OAK GROVE	U003070981	ABANDONED HWY 41A STATION	HWY 41A	42262	UST	1018024
OAK GROVE	U001442446	OAK GROVE CO GLC-53609	US 41A FORT CAMPBELL	42262	UST	902024
OAK GROVE	U000807423	MONARCH OIL	6500 HWY 41A	42262	UST	3155024
OAK GROVE	1001686243	PILOT TRAVEL CENTER #357	12745 FT CAMPBELL BLVD	42262	FINDS	

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA

Telephone: N/A

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: 10/13/99

Date of Last EDR Contact: 07/13/00

Database Release Frequency: Quarterly

Date of Next Scheduled EDR Contact: 10/09/00

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4526

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

Date of Government Version: 06/30/99

Date of Last EDR Contact: 07/25/00

Database Release Frequency: Annually

Date of Next Scheduled EDR Contact: 10/23/00

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

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: 04/23/00

Date of Last EDR Contact: 07/10/00

Database Release Frequency: Quarterly

Date of Next Scheduled EDR Contact: 10/09/00

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Date of Government Version: 08/01/98

Date of Last EDR Contact: 07/06/00

Database Release Frequency: Semi-Annually

Date of Next Scheduled EDR Contact: 10/02/00

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91

Date of Last EDR Contact: 05/22/00

Database Release Frequency: No Update Planned

Date of Next Scheduled EDR Contact: 08/21/00

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3936

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

Date of Government Version: 01/01/00

Date of Last EDR Contact: 05/15/00

Database Release Frequency: No Update Planned

Date of Next Scheduled EDR Contact: 08/14/00

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

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: 04/17/95

Date of Last EDR Contact: 06/12/00

Database Release Frequency: No Update Planned

Date of Next Scheduled EDR Contact: 09/11/00

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

HISTORICAL AND 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.

Oil/Gas Pipelines/Electrical Transmission Lines: 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 and electrical transmission lines.

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.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 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 1999 from the U.S. Fish and Wildlife Service.

GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PROPOSED DISTRIBUTION CENTER
NW OF HWY 41A/I-24
HOPKINSVILLE, KY 42262

TARGET PROPERTY COORDINATES

Latitude (North):	36.735298 - 36° 44' 7.1"
Longitude (West):	87.472099 - 87° 28' 19.6"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	457848.1
UTM Y (Meters):	4065410.5

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

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

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

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

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.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2436087-F4 OAK GROVE, KY TN
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General NNE

Source: General Topographic Gradient has been determined from the USGS 1 Degree 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.

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> CHRISTIAN, KY	<u>FEMA Q3 Flood Data Electronic Coverage</u> YES
Flood Plain Panel at Target Property: Additional Panels in search area:	2102770011A / CBPP Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> OAK GROVE	<u>NWI Electronic Coverage</u> NO
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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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

AQUIFLOW®

Search Radius: 2.000 Miles.

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>

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

GEOLOGIC AGE IDENTIFICATION

Geologic Code:	M2	Category:	Stratified Sequence
Era:	Paleozoic		
System:	Mississippian		
Series:	Meramecian Series		

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name:	PEMBROKE
Soil Surface Texture:	silt loam
Hydrologic Group:	Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.
Soil Drainage Class:	Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information						
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)
	Upper	Lower		AASHTO Group	Unified Soil	
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60
2	9 inches	33 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60
3	33 inches	75 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 2.00 Min: 0.60
4	75 inches	80 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 2.00 Min: 0.60

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: silty clay loam

Surficial Soil Types: silty clay loam

Shallow Soil Types: silt loam

Deeper Soil Types: loam
silty clay loam
clay

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater 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

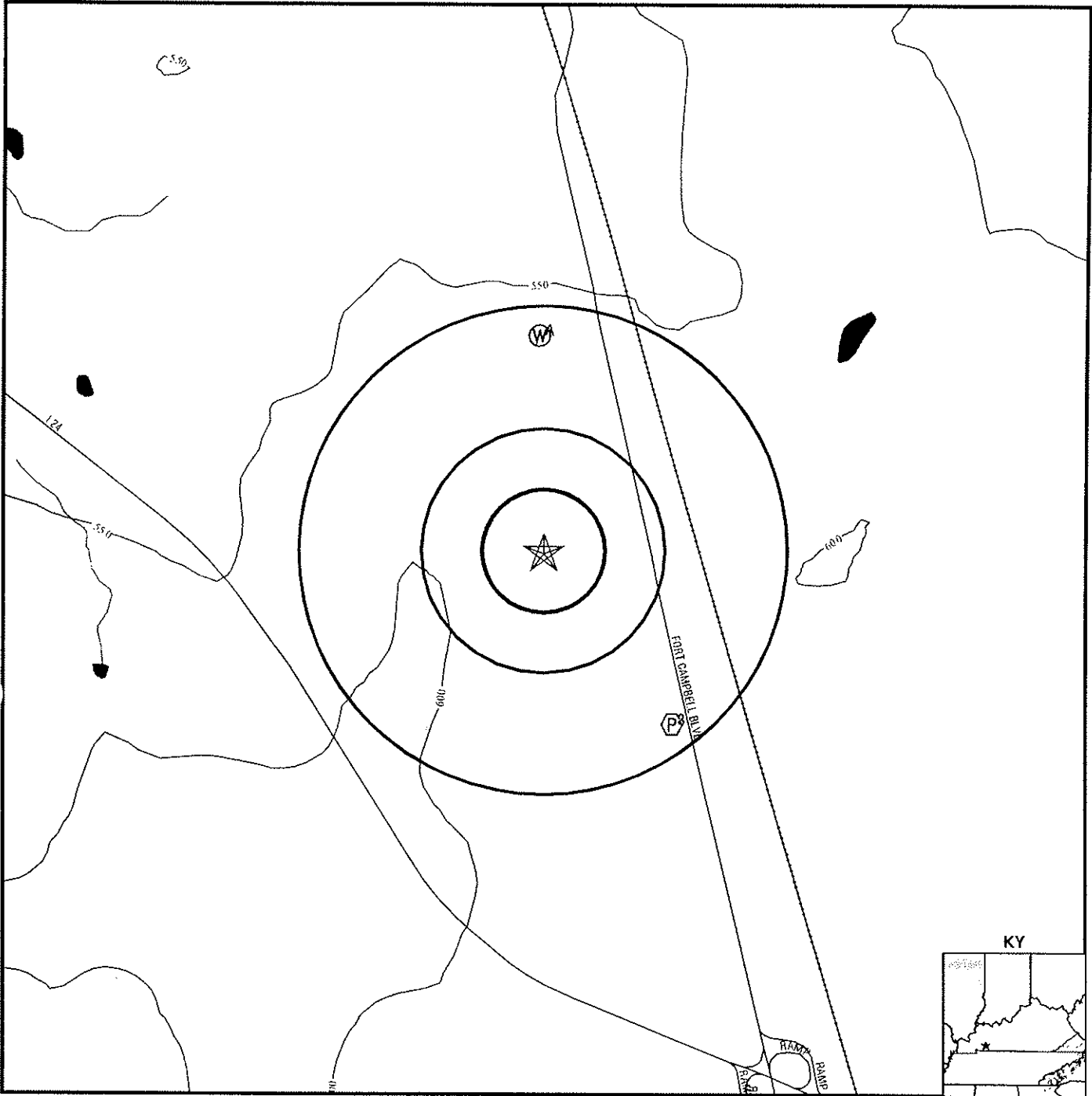
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
3	KY0243153	1/2 - 1 Mile SE

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

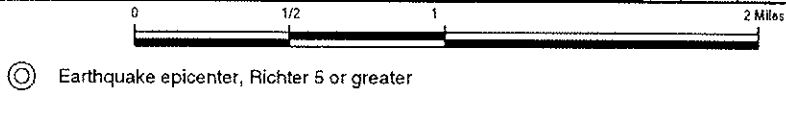
STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	KY00014356	1/2 - 1 Mile North
A2	KY00014355	1/2 - 1 Mile North

PHYSICAL SETTING SOURCE MAP - 545772.1s



- ↘ Major Roads
- ↘ Contour Lines
- ⊙ Water Wells
- Ⓟ Public Water Supply Wells
- ↑ Groundwater Flow Direction
- Ⓜ Indeterminate Groundwater Flow at Location
- Ⓜ Groundwater Flow Varies at Location
- Cluster of Multiple Icons



⊙ Earthquake epicenter, Richter 5 or greater

TARGET PROPERTY: Proposed Distribution Center
 ADDRESS: NW Of Hwy 41A/I-24
 CITY/STATE/ZIP: Hopkinsville KY 42262
 LAT/LONG: 36.7353 / 87.4721

CUSTOMER: Ragan Smith & Associates
 CONTACT: John Farmer
 INQUIRY #: 545772.1s
 DATE: September 27, 2000 3:22 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
North
1/2 - 1 Mile
Lower

KY WELLS KY00014356

Well ID:	00017085	Source Name:	Division of Water
Well Usage:	DOMESTIC	Longitude:	-87.472500
Latitude:	36.748056		

A2
North
1/2 - 1 Mile
Lower

KY WELLS KY00014355

Well ID:	00017085	Source Name:	Division of Water
Well Usage:	DOMESTIC	Longitude:	-87.472500
Latitude:	36.748056		

3
SE
1/2 - 1 Mile
Higher

FRDS PWS KY0243153

PWS ID:	KY0243153	PWS Status:	Active
Date Initiated:	July / 89	Date Deactivated:	Not Reported
PWS Name:	OLD SOUTH PIT BAR-B-QUE HERMAN HARGROVE PO BOX 37 HERNDON, KY 422360000		

Addressee / Facility: Not Reported

Facility Latitude:	36 51 56	Facility Longitude:	087 29 18
Facility Latitude:	36 43 30	Facility Longitude:	087 27 45
City Served:	HERNDON		
Treatment Class:	Treated	Population:	25

PWS currently has or had major violation(s) or enforcement: Yes

VIOLATIONS INFORMATION:

Violation ID:	9260492	Source ID:	Not Reported	PWS Phone:	5028859534
Vio. beginning Date:	10/01/92	Vio. end Date:	10/31/92	Vio. Period:	1 Month
Num required Samples:	Not Reported	Number of Samples Taken:	Not Reported		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Routine Minor (TCR)				
Contaminant:	COLIFORM (TCR)				
Vio. Awareness Date:	112392				

Violation ID:	9260629	Source ID:	Not Reported	PWS Phone:	5028859534
Vio. beginning Date:	11/01/92	Vio. end Date:	11/30/92	Vio. Period:	1 Month
Num required Samples:	Not Reported	Number of Samples Taken:	Not Reported		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Routine Minor (TCR)				
Contaminant:	COLIFORM (TCR)				
Vio. Awareness Date:	122192				

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Violation ID:	9463506	Source ID:	Not Reported	PWS Phone:	Not Reported
Vio. beginning Date:	01/01/93	Vio. end Date:	12/31/93	Vio. Period:	12 Month
Num required Samples:	0	Number of Samples Taken:	0		
Analysis Result:	Not Reported	Maximum Contaminant Level:	Not Reported		
Analysis Method:	Not Reported				
Violation Type:	Monitoring, Regular				
Contaminant:	NITRATE				
Vio. Awareness Date:	052194				

ENFORCEMENT INFORMATION:

System Name:	41-A BAR-B-QUE		
Violation Type:	Monitoring, Routine Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1994-10-01 - 1994-10-31	Analytical Value:	00000000.00
Violation ID:	9465888	Enforcement ID:	9400001E
Enforcement Date:	1994-11-22	Enf. Action:	State Violation/Reminder Notice
System Name:	41-A BAR-B-QUE		
Violation Type:	Monitoring, Routine Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1994-10-01 - 1994-10-31	Analytical Value:	00000000.00
Violation ID:	9465888	Enforcement ID:	9500003E
Enforcement Date:	1995-02-03	Enf. Action:	State Formal NOV Issued
System Name:	41-A BAR-B-QUE		
Violation Type:	Monitoring, Routine Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1994-10-01 - 1994-10-31	Analytical Value:	00000000.00
Violation ID:	9465888	Enforcement ID:	9600001E
Enforcement Date:	1995-10-25	Enf. Action:	State Public Notif Requested
System Name:	41-A BAR-B-QUE		
Violation Type:	Monitoring, Routine Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1994-10-01 - 1994-10-31	Analytical Value:	00000000.00
Violation ID:	9465888	Enforcement ID:	9600002E
Enforcement Date:	1995-12-15	Enf. Action:	State Formal NOV Issued
System Name:	41-A BAR-B-QUE		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-01-01 - 1995-01-31	Analytical Value:	00000000.00
Violation ID:	9566775	Enforcement ID:	9500002E
Enforcement Date:	1995-02-28	Enf. Action:	State Violation/Reminder Notice
System Name:	41-A BAR-B-QUE		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-01-01 - 1995-01-31	Analytical Value:	00000000.00
Violation ID:	9566775	Enforcement ID:	9600001E
Enforcement Date:	1995-10-25	Enf. Action:	State Public Notif Requested
System Name:	41-A BAR-B-QUE		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-01-01 - 1995-01-31	Analytical Value:	00000000.00
Violation ID:	9566775	Enforcement ID:	9600002E
Enforcement Date:	1995-12-15	Enf. Action:	State Formal NOV Issued

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	41-A BAR-B-QUE		
Violation Type:	Monitoring, Regular		
Contaminant:	NITRATE		
Compliance Period:	1995-01-01 - 1995-12-31	Analytical Value:	00000000.00
Violation ID:	9670630	Enforcement ID:	9500004E
Enforcement Date:	1995-10-18	Enf. Action:	State Violation/Reminder Notice
System Name:	41-A BAR-B-QUE		
Violation Type:	Monitoring, Regular		
Contaminant:	NITRATE		
Compliance Period:	1995-01-01 - 1995-12-31	Analytical Value:	00000000.00
Violation ID:	9670630	Enforcement ID:	9500005E
Enforcement Date:	1995-11-20	Enf. Action:	State Violation/Reminder Notice
System Name:	41-A BAR-B-QUE		
Violation Type:	Monitoring, Regular		
Contaminant:	NITRATE		
Compliance Period:	1995-01-01 - 1995-12-31	Analytical Value:	00000000.00
Violation ID:	9670630	Enforcement ID:	9500006E
Enforcement Date:	1995-11-22	Enf. Action:	State Violation/Reminder Notice
System Name:	41-A BAR-B-QUE		
Violation Type:	Monitoring, Regular		
Contaminant:	NITRATE		
Compliance Period:	1995-01-01 - 1995-12-31	Analytical Value:	00000000.00
Violation ID:	9670630	Enforcement ID:	9600001E
Enforcement Date:	1995-10-25	Enf. Action:	State Public Notif Requested
System Name:	41-A BAR-B-QUE		
Violation Type:	Monitoring, Regular		
Contaminant:	NITRATE		
Compliance Period:	1995-01-01 - 1995-12-31	Analytical Value:	00000000.00
Violation ID:	9670630	Enforcement ID:	9600002E
Enforcement Date:	1995-12-15	Enf. Action:	State Formal NOV Issued
System Name:	41-A BAR-B-QUE		
Violation Type:	Monitoring, Regular		
Contaminant:	NITRATE		
Compliance Period:	1995-01-01 - 1995-12-31	Analytical Value:	00000000.00
Violation ID:	9670630	Enforcement ID:	9600003E
Enforcement Date:	1995-12-20	Enf. Action:	State Violation/Reminder Notice
System Name:	41-A BAR-B-QUE		
Violation Type:	Monitoring, Routine Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-09-01 - 1995-09-30	Analytical Value:	00000000.00
Violation ID:	9569931	Enforcement ID:	9500004E
Enforcement Date:	1995-10-18	Enf. Action:	State Violation/Reminder Notice
System Name:	41-A BAR-B-QUE		
Violation Type:	Monitoring, Routine Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-09-01 - 1995-09-30	Analytical Value:	00000000.00
Violation ID:	9569931	Enforcement ID:	9500006E
Enforcement Date:	1995-11-22	Enf. Action:	State Violation/Reminder Notice
System Name:	41-A BAR-B-QUE		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1995-10-01 - 1995-10-31	Analytical Value:	00000000.00
Violation ID:	9570175	Enforcement ID:	9500005E
Enforcement Date:	1995-11-20	Enf. Action:	State Violation/Reminder Notice

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	41-A BAR-B-QUE	Analytical Value:	00000000.00
Violation Type:	Monitoring, Routine Major (TCR)	Enforcement ID:	9500006E
Contaminant:	COLIFORM (TCR)	Enf. Action:	State Violation/Reminder Notice
Compliance Period:	1995-10-01 - 1995-10-31		
Violation ID:	9570175		
Enforcement Date:	1995-11-22		
System Name:	41-A BAR-B-QUE	Analytical Value:	00000000.00
Violation Type:	Monitoring, Routine Major (TCR)	Enforcement ID:	9500005E
Contaminant:	COLIFORM (TCR)	Enf. Action:	State Violation/Reminder Notice
Compliance Period:	1995-11-01 - 1995-11-30		
Violation ID:	9570323		
Enforcement Date:	1995-11-20		
System Name:	41-A BAR-B-QUE	Analytical Value:	00000000.00
Violation Type:	Monitoring, Routine Major (TCR)	Enforcement ID:	9600003E
Contaminant:	COLIFORM (TCR)	Enf. Action:	State Violation/Reminder Notice
Compliance Period:	1995-11-01 - 1995-11-30		
Violation ID:	9570323		
Enforcement Date:	1995-12-20		
System Name:	41-A BAR-B-QUE	Analytical Value:	00000000.00
Violation Type:	Monitoring, Routine Major (TCR)	Enforcement ID:	9600003E
Contaminant:	COLIFORM (TCR)	Enf. Action:	State Violation/Reminder Notice
Compliance Period:	1995-12-01 - 1995-12-31		
Violation ID:	9670439		
Enforcement Date:	1995-12-20		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for CHRISTIAN County: 2

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

CHRISTIAN COUNTY, KY

Number of sites tested: 15

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.420 pCi/L	93%	7%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.900 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 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 1999 from the U.S. Fish and Wildlife Service.

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

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

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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: 202-260-2805

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: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. 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 more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

Kentucky Well Data Files

Source: University of Kentucky, Geological Survey
Telephone: 606-257-5500

RADON

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

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

APPENDIX E

LOCATION MAP