Appendix A

Ecological Correspondence

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Kentucky Ecological Services Field Office
330 West Broadway, Suite 265
Frankfort, Kentucky 40601
(502) 695-0468

December 10, 2013

Mr. Ralph Schuler Jr.
Palmer Engineering
P.O. Box 747
Winchester, KY 40392-0747

Re: FWS 2014-B-0103; US 68 improvements from Cumberland Parkway to KY 61; located in Metcalfe and Green counties, Kentucky

Dear Mr. Schuler:

Thank you for the opportunity to provide comments on the above-referenced project. The U.S. Fish and Wildlife Service (Service) has reviewed this proposed project and offers the following comments in accordance with the Endangered Species Act of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) and the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 *et seq.*). This is not a concurrence letter. Please read carefully, as further consultation with the Service may be required.

In accordance with the provisions of the Fish and Wildlife Coordination Act, the Service has reviewed the project with regards to the effects the proposed actions may have on wetlands and/or other jurisdictional waters. We recommend that project plans be developed to avoid impacting wetland areas and/or streams, and reserve the right to review any required federal or state permits at the time of public notice issuance. The U.S. Army Corps of Engineers should be contacted to assist you in determining if wetlands or other jurisdictional waters are present or if a permit is required.

In accordance to section 7 of the ESA, the Service must also consider the effects of actions interrelated and interdependent to the proposed project. "Interrelated actions" are those that are part of a larger action and depend on the larger action for their justification and "interdependent actions" are those that have no independent utility apart from the action under consideration. Please inform us of any future actions and/or projects (*i.e.*; water tanks, water/sewer lines, electrical transmission lines, subdivisions, commercial development) that would reasonably occur as a result of the proposed project so that we may adequately analyze those effects.

In order to assist you in determining if the proposed project has the potential to impact protected species we have searched our records for occurrences of listed species within the vicinity of the proposed project. Based upon the information provided to us and according to our databases, we

believe that the following federally listed species have the potential to occur within the project vicinity. The listed species are:

Group	Species	Common name	Legal* Status
Mammals	*Myotis grisescens*	gray bat	E
	Myotis sodalis	Indiana bat	E
	Myotis septentrionalis	Northern long-eared bat	P
Mussels	*Pleurobema clava*	clubshell	E
	Cyprogenia stegaria	fanshell	E
	Pleurobema plenum	rough pigtoe	E
	Plethobasus cyphyus	sheepnose	E
	Cumberlandia monodonta	spectaclecase	E
	Lampsilis abrupta	pink mucket	E
	Obovaria retusa	ring pink	E
	Plethobasus cooperianus	orangefoot pimpleback	E
	Quadrula cylindrica cylindrica	rabbitsfoot	T, CH
	Epioblasma triquertra	snuffbox	E
Fish	*Crystallaria cincotta*	diamond darter	E,CH

** Key to notations: E = Endangered, T = Threatened, P = Proposed, C = Candidate, CH = Critical Habitat*

We must advise you that collection records available to the Service may not be all-inclusive. Our database is a compilation of collection records made available by various individuals and resource agencies. This information is seldom based on comprehensive surveys of all potential habitats and thus does not necessarily provide conclusive evidence that protected species are present or absent at a specific locality.

Gray bat

Gray bats roost, breed, rear young, and hibernate in caves year round. They migrate between summer and winter caves and will use transient or stopover caves along the way. Gray bats eat a variety of flying aquatic and terrestrial insects present along streams, rivers, and lakes. Low-flow streams produce an abundance of insects and are especially valuable to the gray bat as foraging habitat. For hibernation, the roost site must have an average temperature of 42 to 52 degrees F. Most of the caves used by gray bats for hibernation have deep vertical passages with large rooms that function as cold air traps. Summer caves must be warm, between 57 and 77 degrees F, or have small rooms or domes that can trap the body heat of roosting bats. Summer caves are normally located close to rivers or lakes where the bats feed. Gray bats have been known to fly as far as 12 miles from their colony to feed.

Because we have concerns relating to the gray bat on this project and due to the lack of occurrence information available on this species relative to the proposed project area, we have the following recommendations relative to gray bats.

- Based on the presence of numerous caves, rock shelters, and underground mines in Kentucky, we believe that it is reasonable to assume that other caves, rock shelters, and/or abandoned underground mines may occur within the project area, and, if they occur, they could provide winter/summer habitat for gray bats. Therefore, we would recommend that the project proponent survey the project area for caves, rock shelters, and underground mines, identify any such habitats that may exist on-site, and avoid impacts to those sites pending an analysis of their suitability as gray bat habitat by this office.

- Sediment Best Management Practices (BMPs) should be utilized and maintained to minimize siltation of the streams located within and in the vicinity of the project area, as these streams represent potential foraging habitat for the gray bat.

Indiana bat

Part of the proposed project site is located within habitat designated as "potential habitat" for the Indiana bat. Based on this, we believe that: (1) forested areas in the vicinity of and on the project area provide suitable summer roosting and foraging habitat for the Indiana bat; and (2) caves, rockshelters, and abandoned underground mines in the vicinity of and on the project area may potentially provide suitable wintering habitat for the Indiana bat. KYTC should address the impacts to the Indiana bat through adherence to the September 6, 2012 Indiana bat Programmatic Agreement between KYTC, FHWA, and the Service.

Northern long-eared bat

The northern long-eared bat is currently proposed for federal listing under the ESA. No designated critical habitat has been proposed at this time. The entire state of Kentucky is considered potential habitat for the northern long-eared bat. During the summer, northern long-eared bats typically roost singly or in colonies in a wide-variety of forested habitats, where they seek shelter during daylight hours underneath bark or in cavities/crevices of both live trees and snags, including relatively small trees and snags that are less than 5 inches in diameter at breast height (DBH). Northern long-eared bats have also been documented roosting in man-made structures (i.e., buildings, barns, etc.) during the summer. According to current winter occurrence data, northern long-eared bats predominately winter in hibernacula that include caves, tunnels, and underground mine passages.

Although species proposed for listing are not afforded protection under the ESA, when a species is listed, the prohibitions against jeopardizing its continued existence and unauthorized take are effective immediately, **regardless of an action's stage of completion**. Therefore, to avoid significant project delays, we recommend that you contact our office to identify and resolve potential conflicts regarding the northern long-eared bat in your project area.

Federally listed mussels

Freshwater mussels are one of the most imperiled groups of animals in North America. Reservoir construction, siltation, channelization, and water pollution are all factors that have contributed to the decline of our native mussel populations. The runoff from urban areas has degraded the quality of water and the substrate of many streams. As filter feeders, mussels are sensitive to contaminants and function as indicators of problems with water quality. Several

species of federally listed mussels are known to exist in the Green River and Russell Creek in Kentucky. Additionally, designated critical habitat for the rabbitsfoot exists in the Green River within the action area of the proposed project.

Diamond darter

The diamond darter was historically distributed throughout the Ohio River Basin including the Muskingum River in Ohio; the Ohio River in Ohio, Kentucky, and Indiana; the Green River in Kentucky; and the Cumberland River Drainage in Kentucky and Tennessee. The species has been extirpated from all these streams and is now known to occur only within the lower Elk River in West Virginia. Although not currently occupied, a reach of the Green River, including the portion within the action area of the proposed project, is designated critical habitat for the species. The reach has good water quality and supports fish species that have similar habitat requirements including clean sand and gravel substrates, low levels of siltation, and healthy benthic macroinvertebrate populations for prey items. To be designated as critical habitat, the reach was identified as essential for the conservation of the species.

Thank you again for your request. Your concern for the protection of endangered and threatened species is greatly appreciated. If you have any questions regarding the information that we have provided, please contact Jessi Miller at (502) 695-0468 extension 104.

Sincerely,

for Virgil Lee Andrews, Jr.
Field Supervisor

TOURISM, ARTS AND HERITAGE CABINET
KENTUCKY DEPARTMENT OF FISH & WILDLIFE RESOURCES

Steven L. Beshear
Governor

#1 Sportsman's Lane
Frankfort, Kentucky 40601
Phone (502) 564-3400
1-800-858-1549
Fax (502) 564-0506
fw.ky.gov

Bob Stewart
Secretary

2 December 2013

Palmer Engineering, Inc.
Attn: Ralph Schuler Jr.
Environmental Biologist
400 Shoppers Drive
P.O. Box 747
Winchester, KY 40392-0747

RE: US 68 Scoping Study Environmental Overview, Metcalfe and Green Counties, Kentucky

Dear Mr. Schuler:

The Kentucky Department of Fish and Wildlife Resources (KDFWR) has received your request for information pertaining to the subject project. The Kentucky Fish and Wildlife Information System indicates that the federally-listed Snuffbox *(Epioblasma triquetra)*, Rabbitsfoot *(Quadrula cylindrica cylindrica)*, Fanshell *(Cyprogenia stegaria)*, Clubshell *(Pleurobema clava)*, and Grey bat *(Myotis grisescens)* are known to occur within the ½ mile buffer surrounding the project. No additional state-listed species are known to occur within one mile of the project site. This project does not occur within known Indiana bat habitat according to the U.S. Fish and Wildlife Service Kentucky Field Office. No wildlife management areas are known to occur within the ½-mile buffer. However, the road does cross the Green River, an Outstanding State Resource Water due to the federally-listed species above, and Russell Creek, an Exceptional Use Water designated by the Kentucky Division of Water. Care should be taken to not impact these areas to the extent practicable, and permits from the Kentucky Division of Water, U.S. Fish and Wildlife Service, and U.S. Army Corps of Engineers may be required before project commencement. Please be aware that our database system is a dynamic one that only represents our current knowledge of various species distributions.

I hope this information is helpful to you, and if you have questions or require additional information, please call me at (502) 564-7109 extension 4453.

Sincerely,

Dan Stoelb
Wildlife Biologist

ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
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FRANKFORT, KENTUCKY 40601
PHONE (502) 564-3410
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Leonard K. Peters
Secretary

R. Bruce Scott
Commissioner

Peter T. Goodmann
Acting Director

December 2, 2013

Ralph Schuler Jr.
Environmental Biologist
400 Shoppers Drive
P.O. Box 747
Winchester, KY 40392

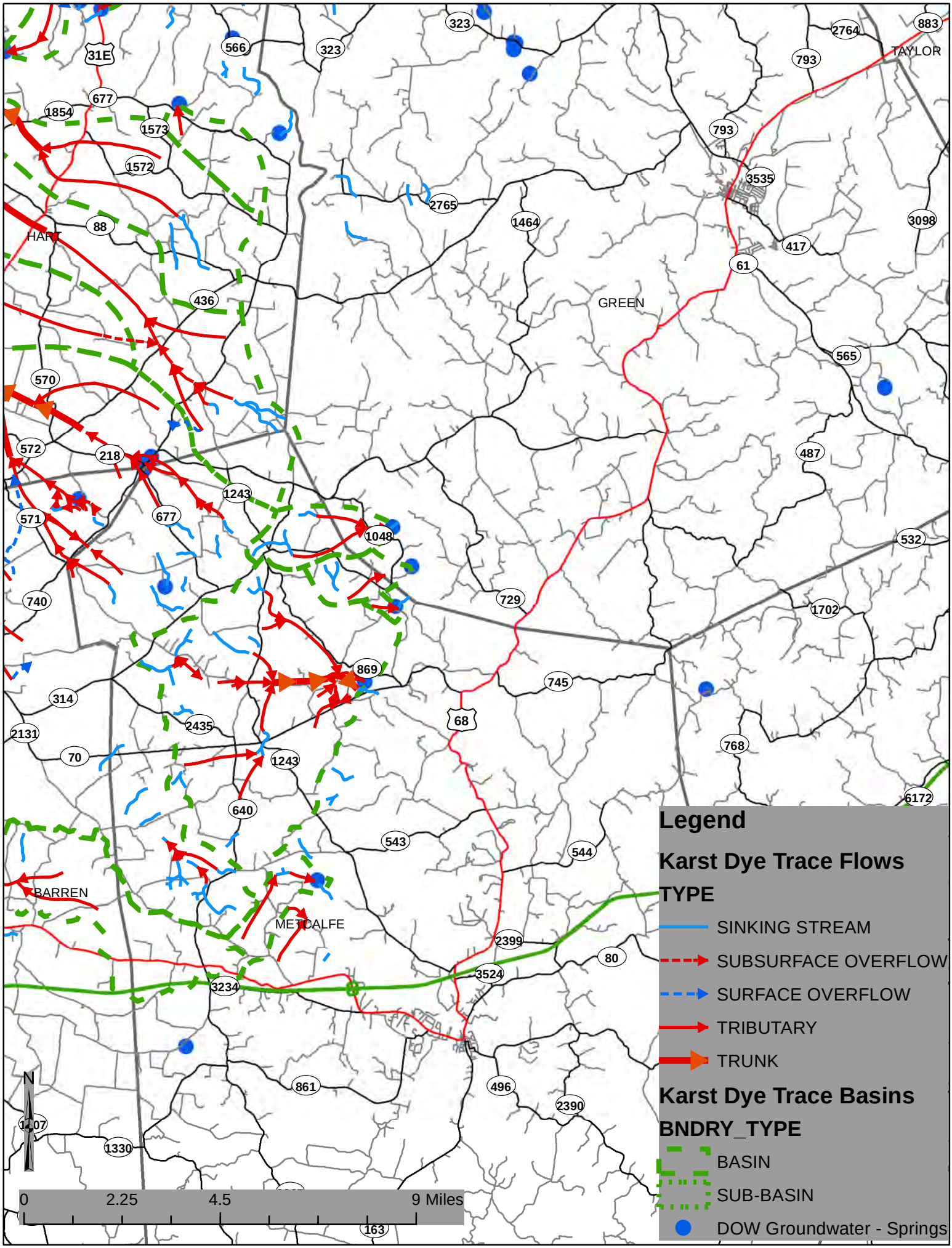
Subject: Re: US 68 Scoping Study Environmental Overview, Metcalfe and Green Counties, Kentucky

Dear Mr. Shuler:

Please refer to the included maps for information regarding source water protection areas, groundwater wells and springs, and karst tracer data for the area referenced in your letter. There is one inactive PWS well in the area, as well as many domestic wells that are currently in use. Tracer data for the area are mainly west of the project. Please let me know if you have any additional questions.

Thanks,

Jessica Moore
Wellhead Protection Program
Jessica.moore2@ky.gov


HART
GREEN
TAYLOR
BARREN
METCALFE
31E
323
566
677
1854
1573
1572
88
436
570
572
218
1243
571
1048
740
729
869
745
314
2435
2131
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68
640
543
544
2399
80
3524
3234
861
496
2390
1330
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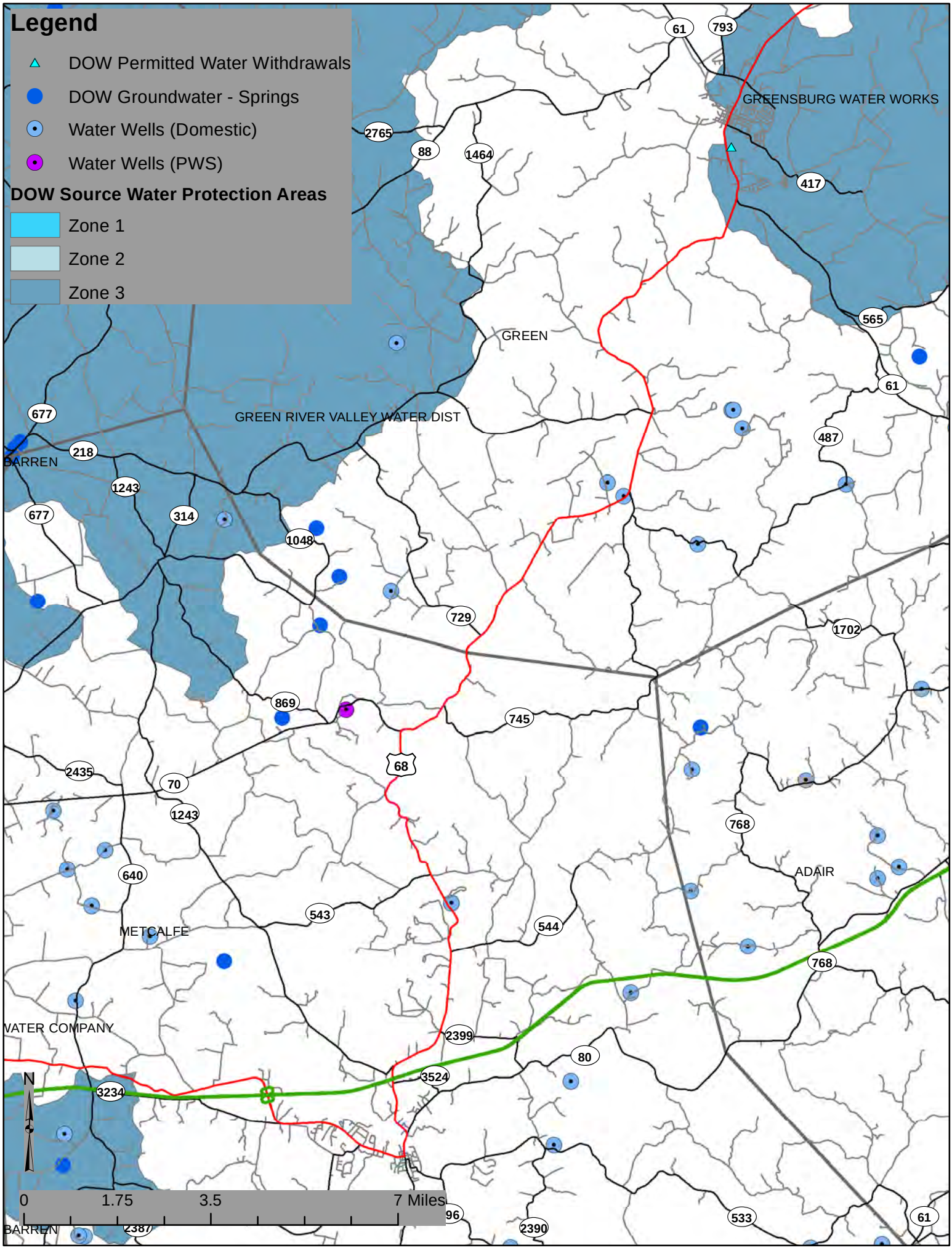
Legend
Karst Dye Trace Flows
TYPE
SINKING STREAM
SUBSURFACE OVERFLOW
SURFACE OVERFLOW
TRIBUTARY
TRUNK
Karst Dye Trace Basins
BNDRY_TYPE
BASIN
SUB-BASIN
DOW Groundwater - Springs


Legend
DOW Permitted Water Withdrawals
DOW Groundwater - Springs
Water Wells (Domestic)
Water Wells (PWS)
DOW Source Water Protection Areas
Zone 1
Zone 2
Zone 3
GREENSBURG WATER WORKS
GREEN
GREEN RIVER VALLEY WATER DIST
BARREN
ADAIR
METCALFE
WATER COMPANY
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2765
88
1464
417
565
677
218
1243
314
1048
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487
533
2390
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7 Miles

Appendix B

Cultural Historic Resources Overview

CULTURAL HISTORIC OVERVIEW
US 68 IMPROVEMENT PROJECT
BETWEEN THE LOUIE B. NUNN CUMBERLAND PARKWAY IN METCALFE COUNTY TO GREENSBURG, GREEN COUNTY, KENTUCKY
Item No. 3-203.00

INTRODUCTION

During December 2013, Palmer Engineering, Inc. Historic Preservation Specialist completed a Cultural Historic Overview Study for the US 68 Corridor between the Louis B. Nunn Cumberland Parkway in Metcalfe County and Greensburg, Green County, Kentucky (see Figure 1). This overview was completed at the request of Brian Aldridge with Stantec Consulting Services, Inc. on behalf of the Kentucky Transportation Cabinet (KYTC), Item No. 3-203.00.

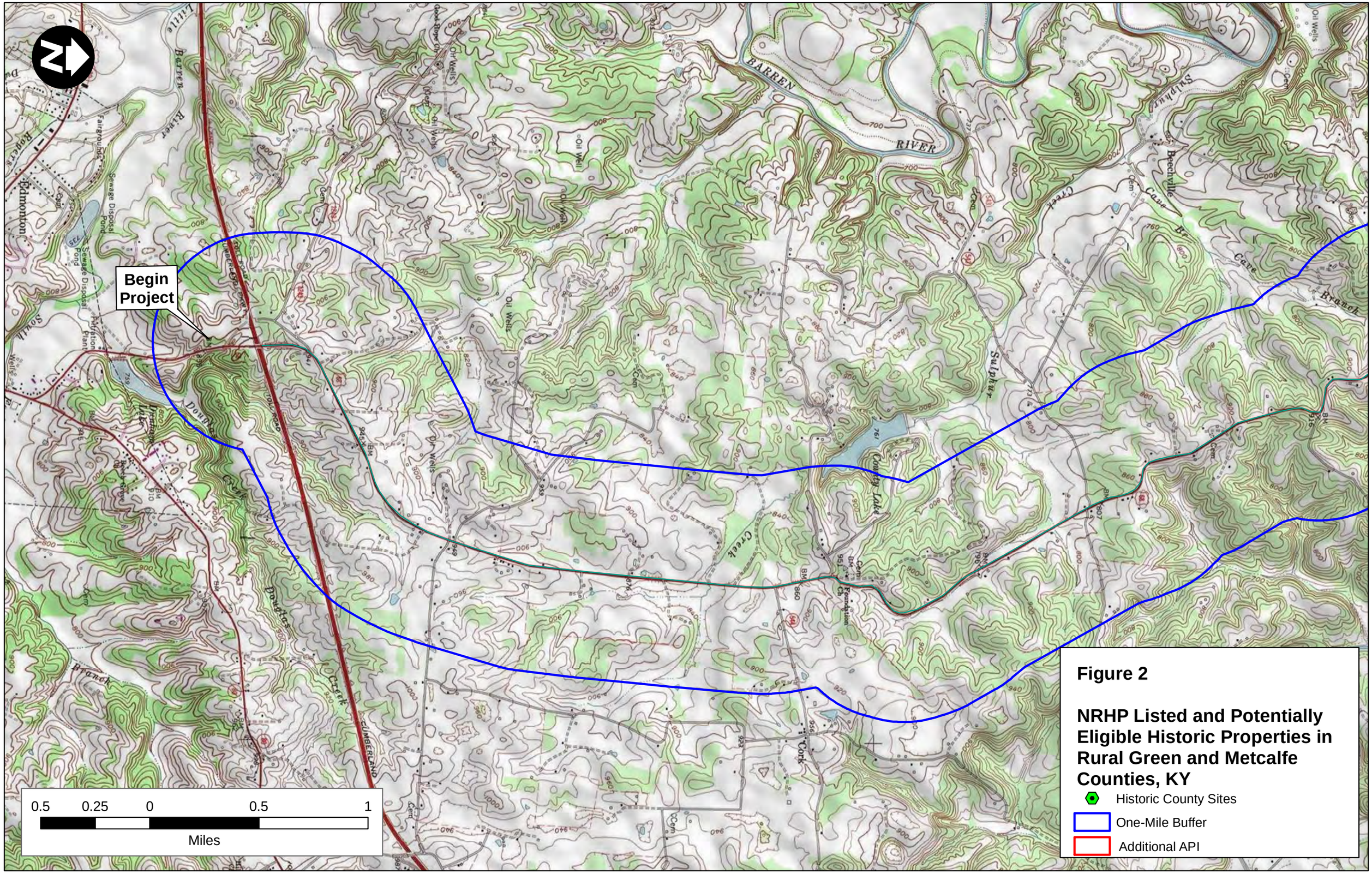
PROJECT BACKGROUND AND DESCRIPTION

The purpose of this overview is to provide specific cultural historic information about the project area regarding historic resources that have been previously recorded, and those that are listed or determined potentially eligible for the National Register of Historic Places (NRHP). This document will aid in the development of this project by identifying those structures or sites that are significant and must be considered in the early stages of planning and design.

The study area, defined as the Area of Potential Effect (APE), established a corridor one-half mile on either side of the existing US 68 route (see Figure 2). This overview included a records search and review of all historic maps, Section 106 Cultural Historic Resource Reports, Kentucky Historic Inventory files, NRHP files, and databases pertinent to the area. A Geographical Information System (GIS) report on previously recorded sites was requested from the Kentucky Heritage Council (KHC), the State Historic Preservation Office (SHPO) under whose jurisdiction these files exist. A field review of the project APE provided current documentation on the existence of these previously documented resources.

Following is a short historic overview and synopsis of the Inventory and National Register activity previously completed in the APE, as well as a brief update on the current historic integrity of the sites listed in the National Register.

Figure 1: Location of Green and Metcalfe Counties, Kentucky


Begin Project
0.5 0.25 0 0.5 1
Miles
Figure 2
NRHP Listed and Potentially Eligible Historic Properties in Rural Green and Metcalfe Counties, KY
Historic County Sites
One-Mile Buffer
Additional API

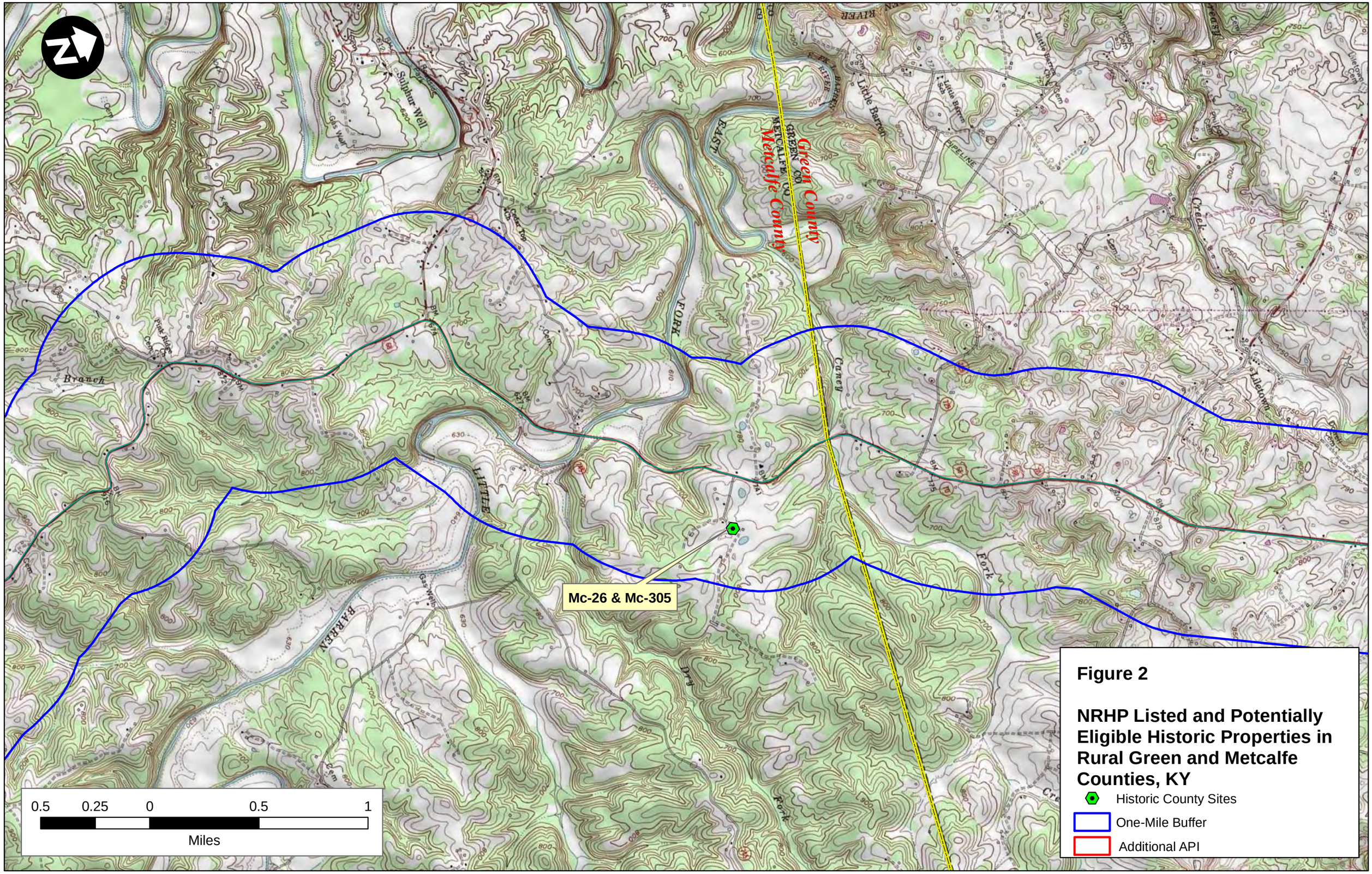


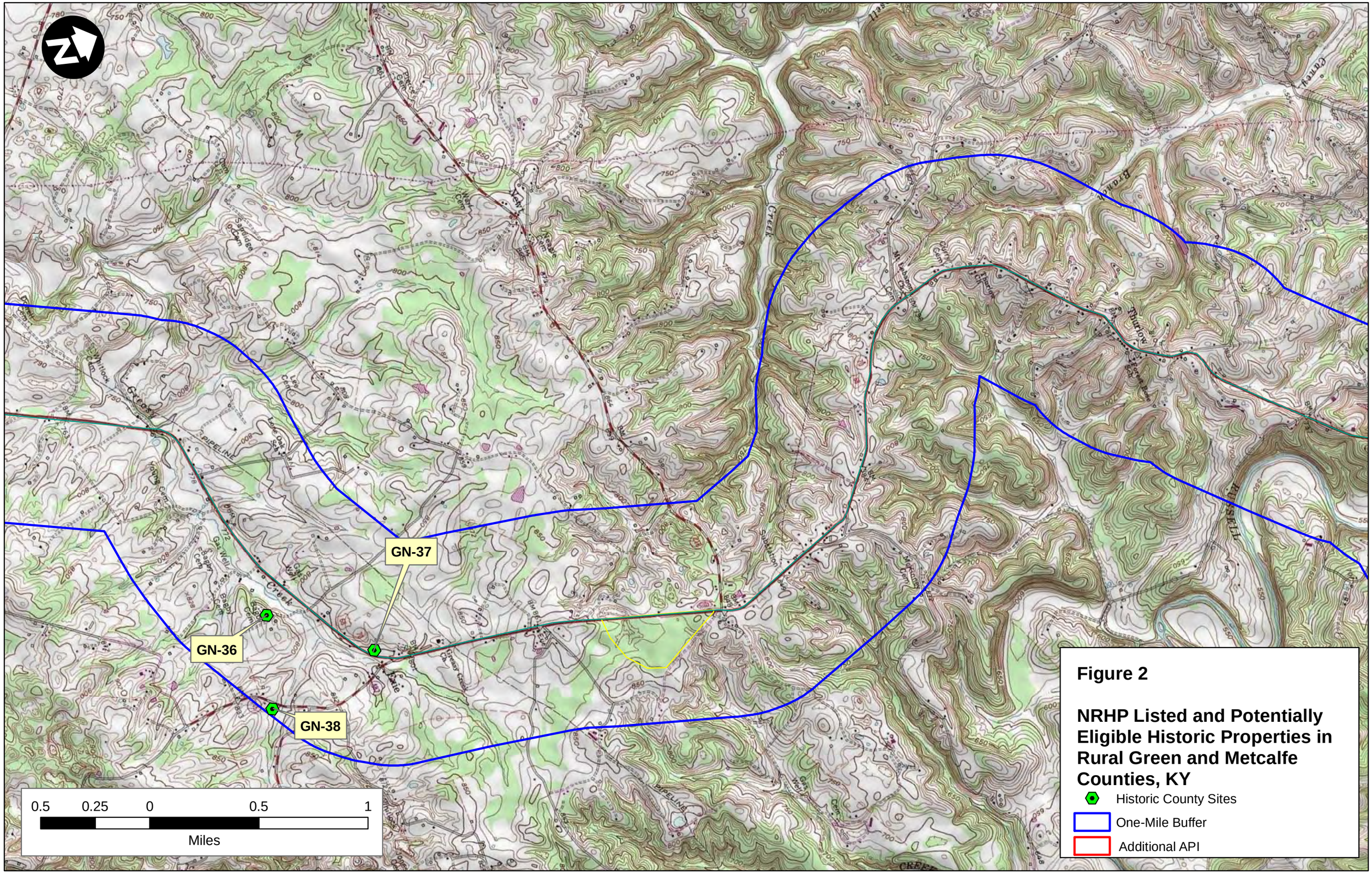
Figure 2

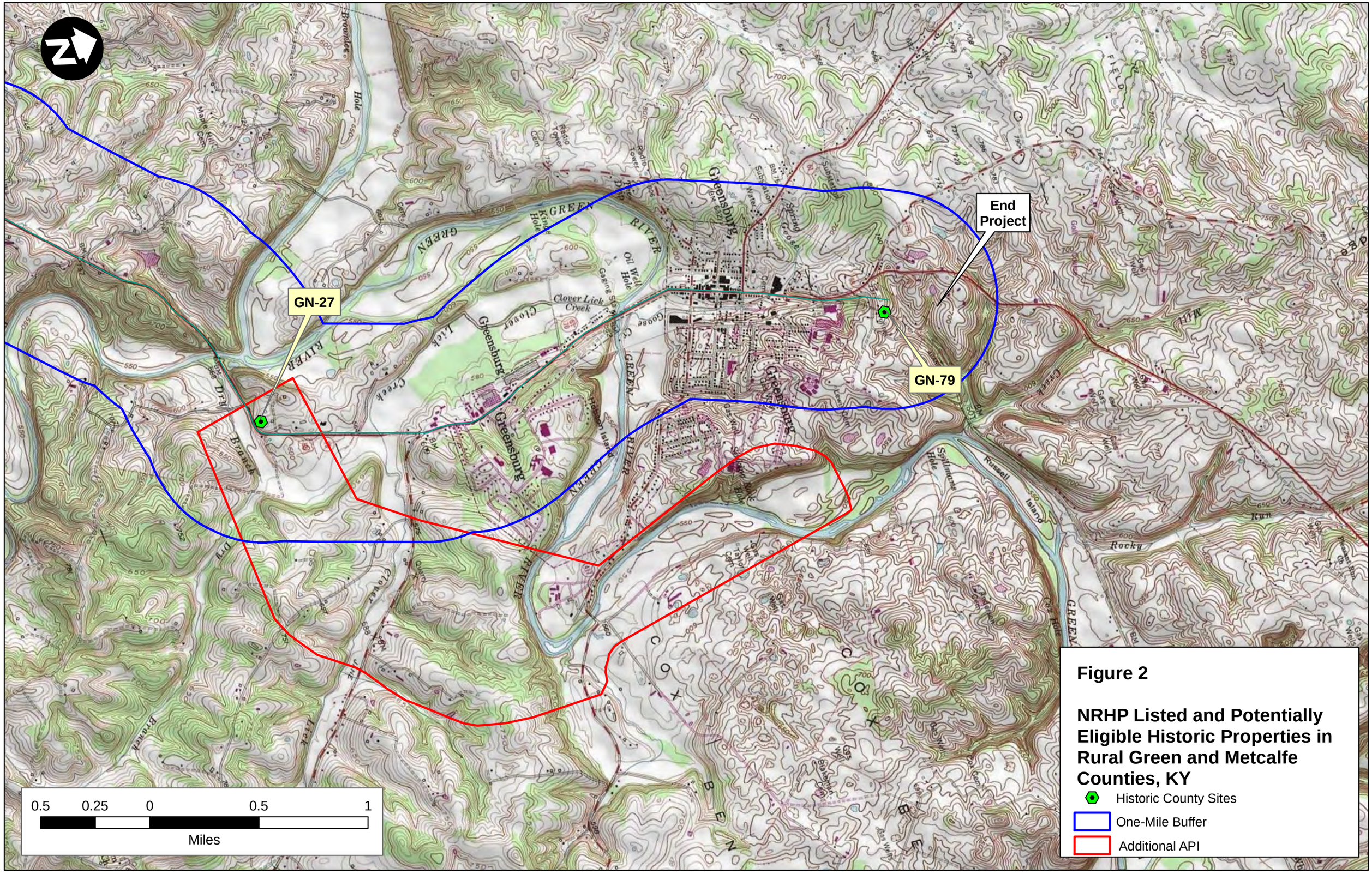
NRHP Listed and Potentially Eligible Historic Properties in Rural Green and Metcalfe Counties, KY

Historic County Sites

One-Mile Buffer

Additional API


GN-37
GN-36
GN-38
0.5 0.25 0 0.5 1
Miles
Figure 2
NRHP Listed and Potentially Eligible Historic Properties in Rural Green and Metcalfe Counties, KY
Historic County Sites
One-Mile Buffer
Additional API


GN-27
GN-79
End Project
0.5 0.25 0 0.5 1
Miles
Figure 2
NRHP Listed and Potentially Eligible Historic Properties in Rural Green and Metcalfe Counties, KY
Historic County Sites
One-Mile Buffer
Additional API

CULTURAL HISTORIC OVERVIEW

METCALFE COUNTY

Metcalfe County was established in 1860 from parts of Barren, Green, Adair, Cumberland, and Monroe counties. Like Green County, Metcalfe County does not have much development pressure due to its few transportation corridors and lack of railroad service. The county was surveyed for historic resources in 1984, when 327 rural county sites and 19 sites in the community of Edmonton were recorded. Metcalfe County has one of the largest numbers of log structures recorded in the state. The project area begins slightly north of the Cumberland Parkway in Metcalfe County and travels to the Green County line. The GIS at the Kentucky Heritage Council identified eight inventory properties within the APE in Metcalfe County; none of these are listed in the National Register.

There are two properties within the APE that have been previously determined to meet the National Register Criteria for listing: Mc-26 and Mc-305 (see Table 1). These structures are part of an agricultural complex that is located ¼ mile east of US 68 and one mile south of the Green County line (see Figure 2). Mc-26 is the Bob Mitchell House (see Figure 3) and Mc-305 is a single pen log barn. The Mitchell House is a two-story, five-bay I-house on a cut-stone block foundation. A two-story portico with two sets of paired square wood piers atop a concrete stoop shelters the central bay. Mc-304, a single pen log structure, is also part of the complex; it is evaluated as undetermined.

Although there are two other buildings in this complex, a single-pen log barn and a single pen log dwelling, the GIS at the KHC only listed the main house (Mc-26) and the log barn (Mc-305) as potentially eligible. A complete evaluation of this grouping would probably also include the log pen as potentially eligible. This complex does not have an association with US 68; appropriate National Register boundaries for this group would probably center on the main house.

A field review of the APE in Metcalfe County did not indicate any other previously recorded properties that appear to be potentially eligible for the National Register under Criterion A, B, or C.

Table 1: Green County Individual Properties Listed or Potentially Eligible for Listing in the NRHP

Smithsonian Designation (NPS)	Historic Name/Description	Location
Mc-26	Bob Mitchell House	¼ mile east of US 68; 1 mile south of Green County line
Mc-305	Single Pen Log Barn	¼ mile east of US 68; 1 mile south of Green County line

Figure 3: Site Mc-26 the Bob Mitchell House

GREEN COUNTY

Green County is one of the smallest counties in Kentucky; it is also one of the oldest counties in Kentucky, formed in 1792 as the state's 13th county. The county experienced a spurt of growth and building activity relatively early in its existence; however, this activity tapered off after 1840. The lack of pressure from development, which is often coupled with demolition, has resulted in the retention of relatively large numbers of historically and architecturally significant resources in Greensburg and the surrounding rural county (Gibbs 1983:1). Green County was surveyed by KHC staff in the late 1970s. There are a total of 83 surveyed resources in Greensburg; 43 resources were surveyed in the county outside Greensburg city limits. During the 1980s, a county-wide Multiple Resource National Register Nomination was completed and the majority of individual properties and the Downtown Greensburg Historic District (see Figure 4) were listed during that effort.

The KHC GIS records identify the Downtown Greensburg Historic District as containing 56 properties; eleven of these were previously individually listed in the NRHP (see Table 2). The district, which encompasses several downtown blocks, is composed of a wide variety of building types constructed over a period of 160 years (see Figures 5 & 6).

Figure 4: National Register Boundaries Greensburg Historic District

Figure 5: Gn-G-15 Historic Green County Courthouse/Downtown Greensburg Historic District

Figure 6: Northwest Quadrant of the Greensburg Public Square/Downtown Greensburg Historic District

Also within Green County are twenty-five individual properties that are either listed in the National Register, pending listing in the National Register, or determined eligible for listing in the National Register by the SHPO. Eleven of these individually listed National Register properties are also located within the Downtown Greensburg Historic District (see Table 2).

At the intersection of KY 61 and US 68 at the north end of Greensburg, Gn-79 is a resource that was determined potentially eligible for listing in the National Register in 2002. This structure is a CSX railroad tunnel that travels under Industrial Park Road. It was determined potentially eligible for listing within the APE of a proposed new bypass around Greensburg called the East Greensburg Connector at KY 61 (Item No. 4-120.00). In October 2002, Palmer Engineering documented the property in *A Cultural Historic Resources Report for the East Greensburg Connector/KY 61 in Green County, Kentucky*. See Figure 7 for the location of this tunnel.

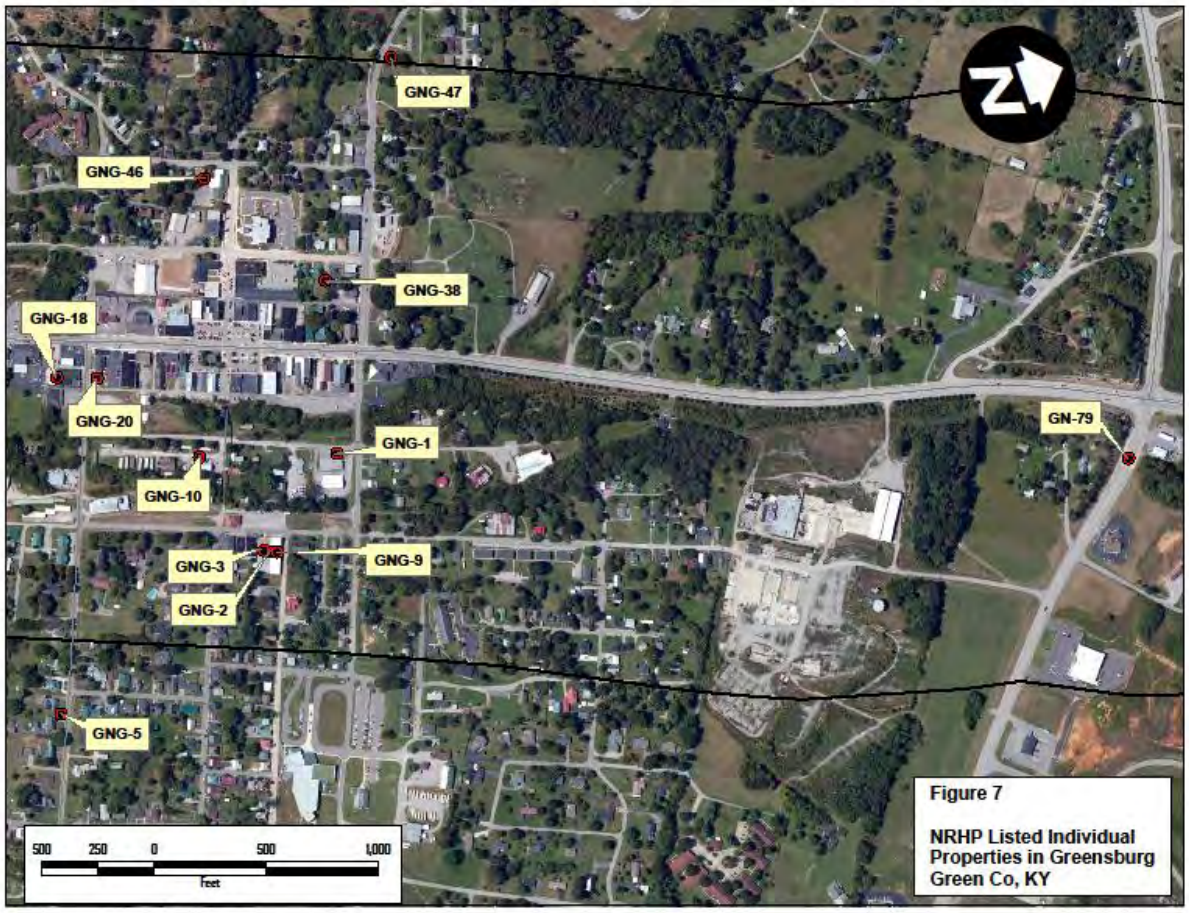


Figure 7: National Register Locations for Twelve Individual properties in Greensburg not located within the Downtown Greensburg Historic District Boundaries

South of Greensburg along US 68, there are two properties within the APE that are listed in the National Register, Gn-27 and Gn-37. Both properties are located on the west side of the US 68 right-of-way between Greensburg and the Metcalfe County line. See Figure 2 for site locations, and see Figures 10 and 13 for listed National Register boundaries.

Gn-27 lists two structures under one site number: the Samuel and Thomas Brent House and the Thomas Waller Lisle House. The Lisle House is a two-story brick I-house and the Brent House is a log dwelling; the boundary includes a contributing barn. The National Register boundary for Gn-27 is a 7.3-acre parcel; this boundary is adjacent to the western right-of-way of US 68 (see Figures 8-10). Both structures in this complex have retained their historic integrity, and the characteristics that qualify them for listing on the National Register are intact.

Gn-37, the Whitlock Log Cabin, is located on the west side of US 68 at Exie (see Figure 2); this structure is listed under Criterion C for its characteristics of single-pen log construction. The structure also has side and rear additions that further indicate a Hall and Parlor type of construction. Since its listing in the 1980s, the slope-shouldered stone chimney on the south end of the log pen – which was a significant characteristic – has been removed. The National Register boundary for this property is less than one acre; the boundary is adjacent to the northern right-of-way of US 68 (see Figures 11-13). The nominated area does not include the ancillary structures on the site.

Figure 8: Gn-27, Thomas Waller Lisle House

Figure 9: Gn-27, Samuel and Thomas Brent House

Figure 10: National Register Boundary for Gn-27

PREVIOUSLY RECORDED BUT UNEVALUATED HISTORIC PROPERTIES (Figure 2)

In Green County there are two historic properties within the APE that may potentially be eligible for listing in the National Register under Criterion C: Sites Gn-36 and Gn-38. Both properties are log structures and were previously recorded during the county-wide survey in the late 1970s. Site Gn-36 is ½ mile west of the intersection of US 68 and KY 487 at Exie. Gn-36 is located off the main road approximately ¼ mile south of US 68. Gn-36 is a one and one-half story, five-bay, dogtrot log house; the KHRI form stated that the interior Federal style woodwork was intact. Gn-38 is located on the east side of KY 745, approximately ½ mile south of US 68 at Exie. It is a single-pen, Hall and Parlor rectangular house with two slope-shouldered stone chimneys.

Figure 11: Gn-37 Whitlock Log Cabin Three-quarter View Showing North Elevation

Figure 12: Gn-37 Whitlock Log Cabin Three-quarter View South elevation (Showing removed Stone Chimney Area)

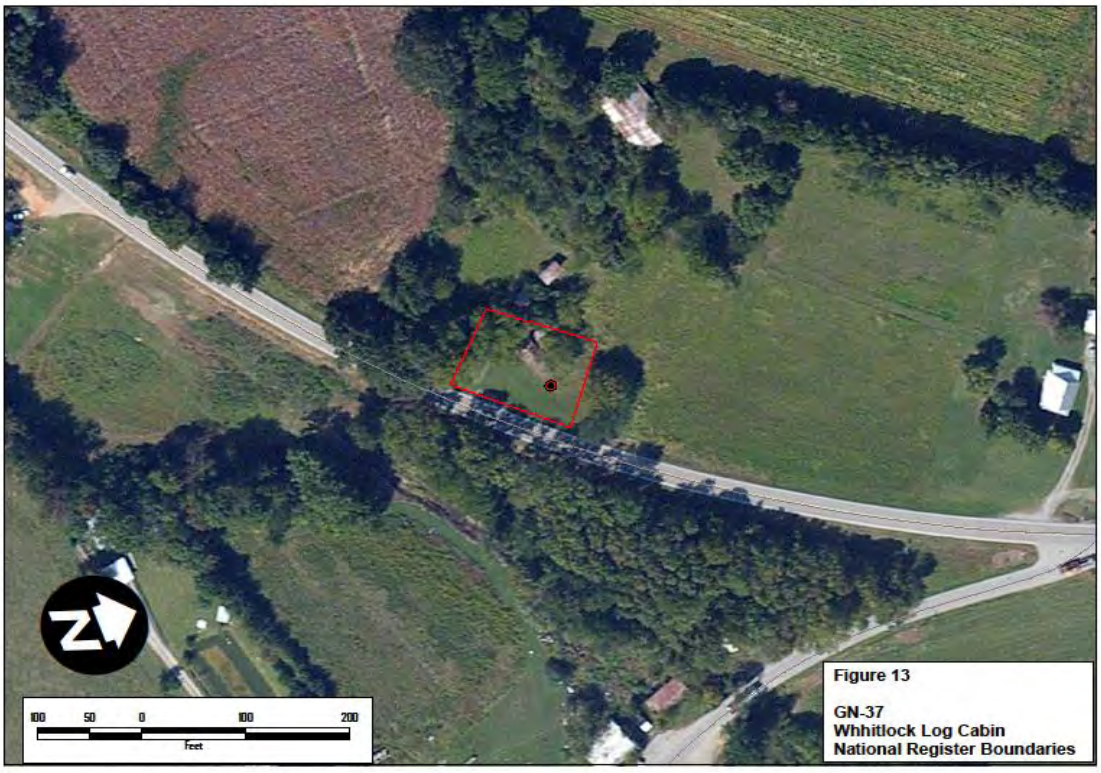


Figure 13: National Register Boundaries for Gn-27

Smithsonian Designation (NPS)	Historic Name/Description	Location
Gn-G-1	R.H. Wilson House	402 North Water Street
Gn-G-2	General William Hobson House	102 South Depot Street
Gn-G-3	White-Penick House	106 South Depot Street
Gn-G-5	Elijah Creel House	East Columbia Avenue
Gn-G-9	L & N Passenger Depot	103 North Depot Street
Gn-G-10	Goose Creek Foot Bridge	Between Court and Depot Streets
Gn-G-12*	Green County Clerks Office	105 East Court Street
Gn-G-13*	Allens Inn	103 East Court Street
Gn-G-14*	Old Greensburg Bank Building	East Court Street
Gn-G-15*	The Old Green County Courthouse	Southeast Quadrant of Public Square
Gn-G-16*	Buildings in the SE Quadrant of the Public Square	
Gn-G-18	Federal House	South Main Street
Gn-G-20	Hilliard-Herndon House	203 South Main Street
Gn-G-29*	Greensburg Deposit Bank	North Public Square
Gn-G-30*	Buildings in the NE Quadrant of the Public Square	
Gn-G-36*	Woodson Lewis House	Main Street
Gn-G-38	Greensburg Cumberland Presbyterian Church	
Gn-G-41*	House	West Court Street
Gn-G-42*	Brents-Wax House	209 West Court Street
Gn-G-43*	House	208 West Court Street
Gn-G-46	Greensburg Academy	101 Second Street
Gn-G-47	Barrett-Blakeman House	Hodgenville Road
Gn-27	Samuel Brent House	North side US 68 ¼ mile east of Russell Creek Bridge
Gn-37	Whitlock House	US 68 at Exie
Gn-79	CSX Railroad Tunnel	Intersection of KY 61 and US 68

* Also located within the Greensburg historic district

Table 2: Green County Individual Properties Listed or SHPO Determined Potentially Eligible for Listing in the NRHP

CONCLUSIONS AND RECOMMENDATIONS

In Metcalfe County, there are no listed National Register properties within the APE; however, there are two previously recorded historic properties that have been determined potentially eligible for listing in the National Register by the SHPO, Mc-26 and Mc-305 (see Table 1 and Figure 2).

In Green County, there are multiple individual National Register listings in both the county and within Greensburg. A large portion of the town's center is also listed as an historic district. Greensburg's Downtown Historic District contains 56 properties; eleven of the contributing buildings within the district were previously individually listed in the National Register (see Table 2).

There are twelve additional historic properties located in Greensburg that are individually listed in the National Register (see Table 2 and Figure 7). These twelve properties are outside the Greensburg Downtown Historic District boundaries. In rural Green County, there are two properties listed in the National Register within the APE: Gn-27 and Gn-37. Both properties have National Register boundaries that are adjacent to the right-of-way for US 68 (see Figures 11 and 13).

Gn-79 is an historic tunnel north of Greensburg that has been determined potentially eligible for the National Register by the SHPO (see Figure 7). There are also two previously recorded historic properties in the survey files of the SHPO that were unevaluated: Gn-36 and Gn-38. Upon a field inspection, they appear to be good examples of log construction and may be considered potentially eligible after further research.

REFERENCES

Fiegel, Jayne Henderson
2002 *A Cultural Historic Resources Report for the East Greensburg Connector/KY 61 in Green County, Kentucky*. Item No.4-120.00. Report on file at the Kentucky Heritage Council, 300 Washington Street, Frankfort, Kentucky.

Gibbs, Kenneth
1983 *Survey of Historic Sites in Green County, Kentucky*. Published by the Green County Historical Society, Greensburg, Kentucky.

Kentucky Heritage Council
Survey of Historic Sites in Kentucky. Survey Files at the SHPO 300 Washington Street Frankfort, Kentucky.

Kentucky Heritage Council
2003 Downtown Greensburg Historic District National Register Nomination. National Register Files at the SHPO 300 Washington Street Frankfort, Kentucky.

Appendix C

Archaeological Overview

Contract Publication Series 13-405

An Archaeological Overview Study for the U.S. 68 Corridor between the Louie B. Nunn Cumberland Parkway in Metcalfe County, and Greensburg, Green County, Kentucky (Item Number 3-203.00)

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Introduction

Between November 5 and December 6, 2013, Cultural Resource Analysts, Inc. (CRA), personnel completed an archaeological overview as part of a scoping study for the U.S. 68 corridor from the Louie B. Nunn Cumberland Parkway in Metcalfe County to Greensburg in Green County, Kentucky (Figure 1). The study was conducted at the request of Stantec Consulting Services, Inc., on behalf of the Kentucky Transportation Cabinet (KYTC) (Item Number 3-203.00). No fieldwork was completed for this project, but a thorough records search was conducted utilizing historic maps, soil data and surveys, geologic maps, previous cultural resource reports, the National Register of Historic Places (NRHP) online database, and the Office of State Archaeology (OSA) site files. This overview includes a review of records, a summary of relevant information, and analysis of the probability for archaeological sites based on existing archaeological data. This records review was conducted in accordance with *Archeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines* (National Park Service [NPS] 1983).

Project Background and Description

This study was conducted to provide an overview of the environmental footprint for the proposed developments associated with improvements to the U.S. 68 corridor that is proposed to connect a new interchange on the Cumberland Parkway (KYTC Item Number 3-8505) with the intersection of KY 61 and U.S. 68 in Greensburg. The new interchange on the Cumberland Parkway, which is scheduled to be let in September 2013, will have some effect on regional travel patterns. The results of the study will aid in the planning for the proposed developments, which will provide a safer, and more efficient and reliable connection for vehicular traffic along U.S. 68, connecting Greensburg and the surrounding communities with I-65.

The area of potential effect (APE) for archaeological resources was defined as the study area, which consists of right-of-way (access limits) along approximately 35 km (22 mi) of U.S. 68 between Greensburg and the soon-to-be constructed interchange on the Cumberland Parkway, as well as a .8 km (.5 mi) buffer on each side of the centerline. Also included in the study area are two amorphous areas south and east of Greensburg that a new roadway corridor is proposed for and intended to provide a more efficient connection between U.S. 68 and Greensburg (see Figure 1). The entire study area covers 6,851 ha (16,930 acres).

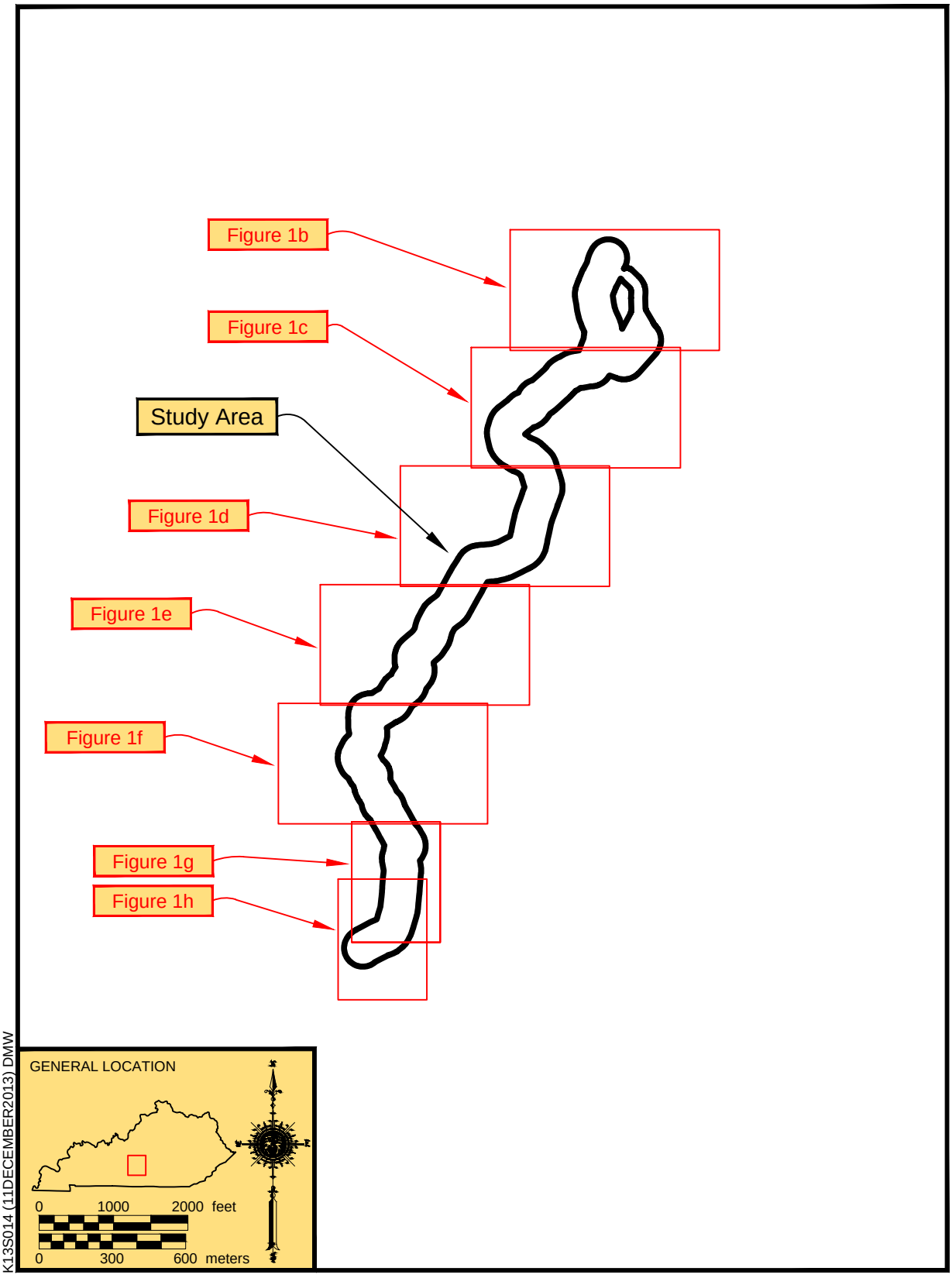

Figure 1a. Key for Figure 1 series maps.

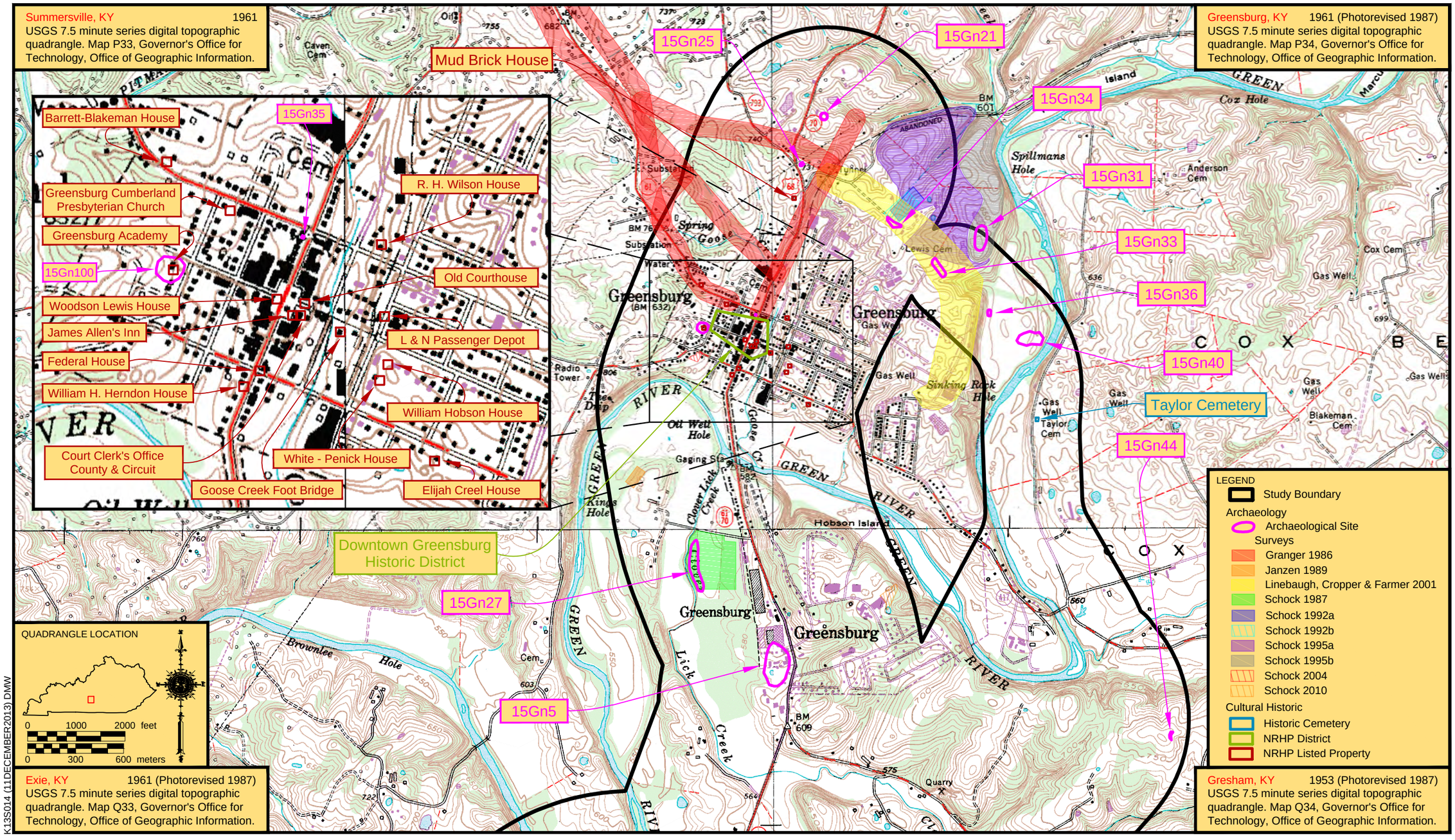

Figure 1b. Location of the study area and cultural resources project area on topographic quadrangle.

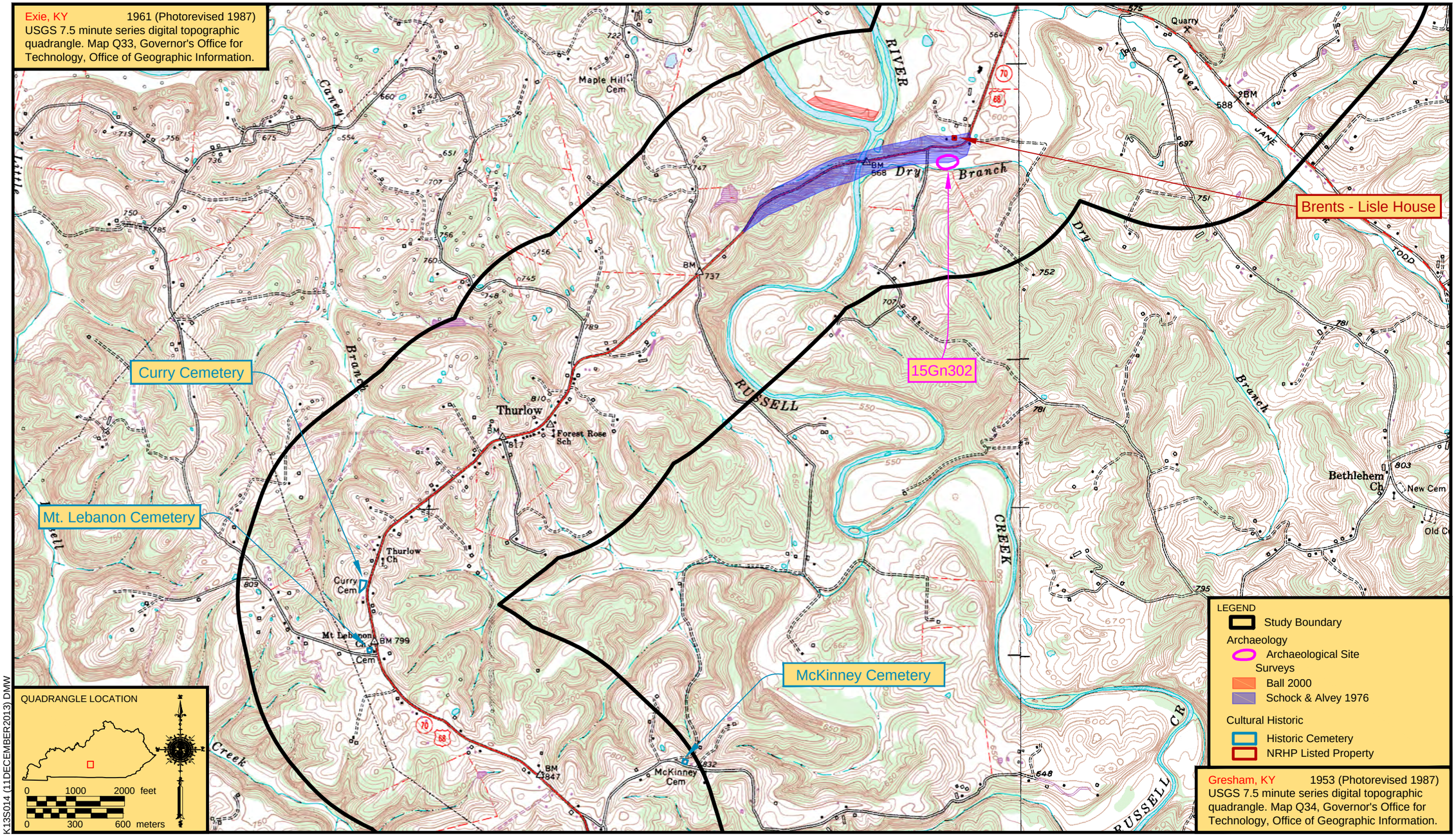

Figure 1c. Location of the study area and cultural resources project area on topographic quadrangle.

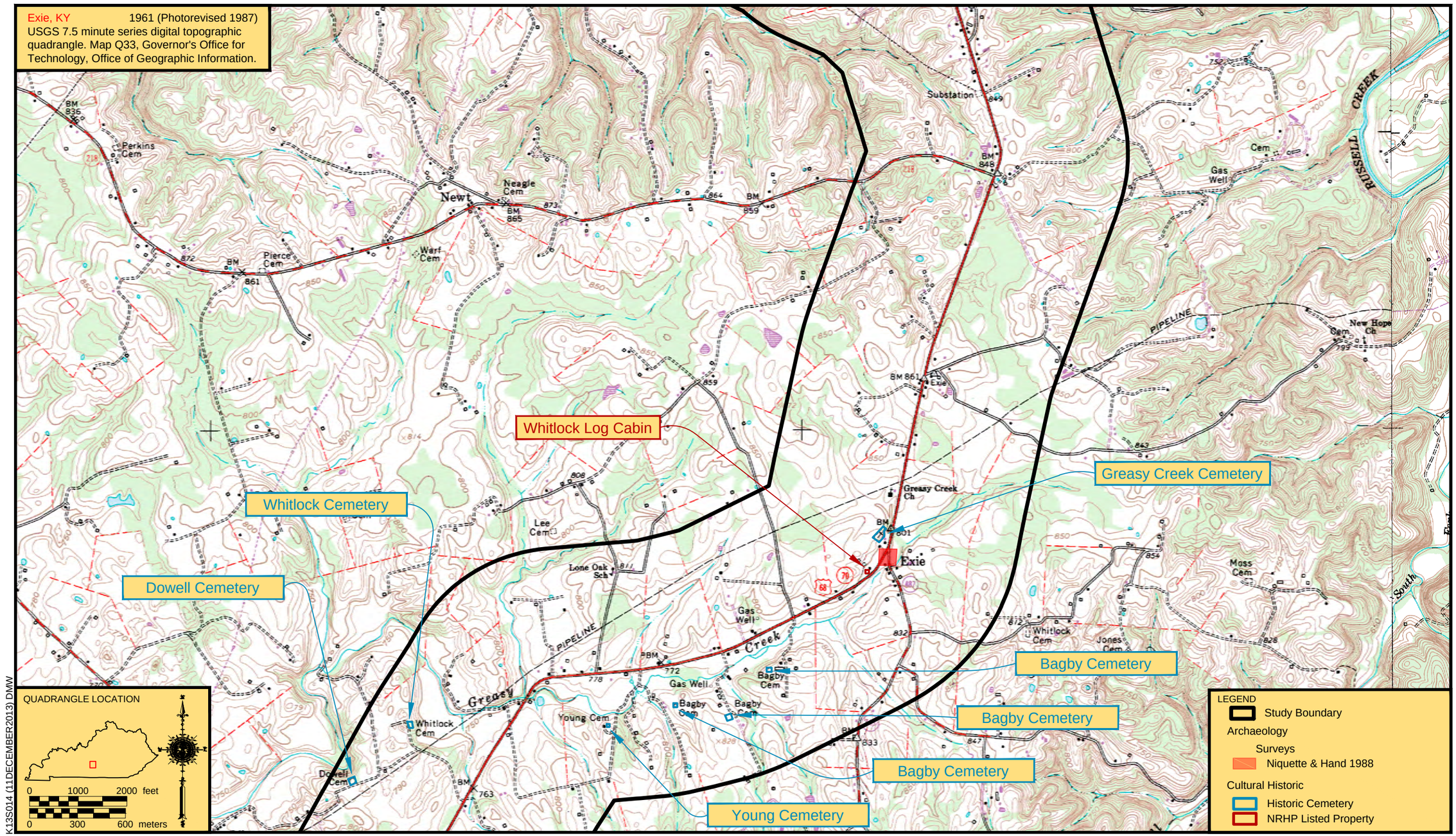

Figure 1d. Location of the study area and cultural resources project area on topographic quadrangle.

Exie, KY 1961 (Photorevised 1987)
USGS 7.5 minute series digital topographic quadrangle. Map Q33, Governor's Office for Technology, Office of Geographic Information.

QUADRANGLE LOCATION

0 1000 2000 feet
0 300 600 meters

LEGEND

Study Boundary

East Fort, KY 1973
USGS 7.5 minute series digital topographic quadrangle. Map R33, Governor's Office for Technology, Office of Geographic Information.

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Figure 1e. Location of the study area and cultural resources project area on topographic quadrangle.

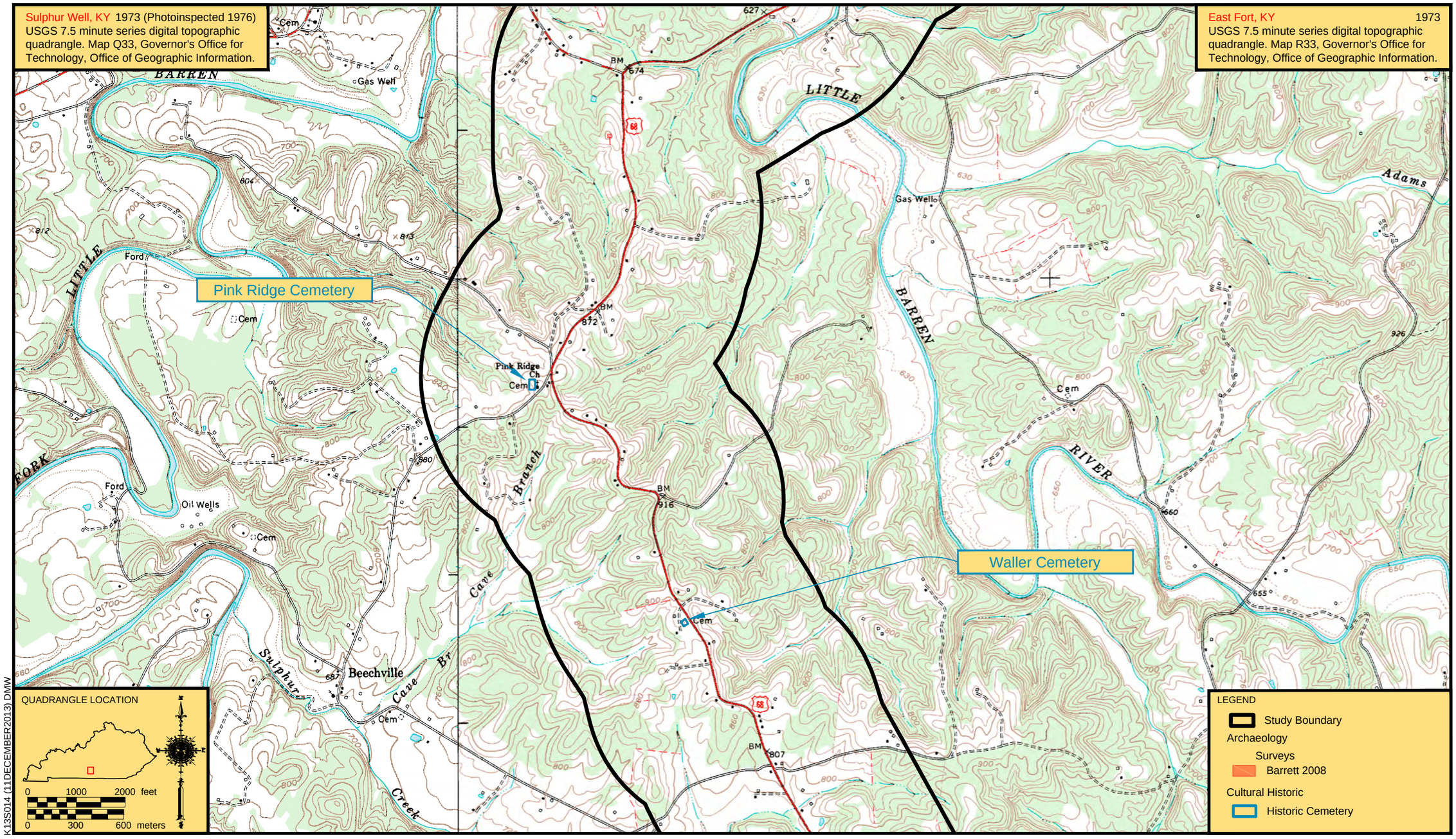


Figure 1f. Location of the study area and cultural resources project area on topographic quadrangle.

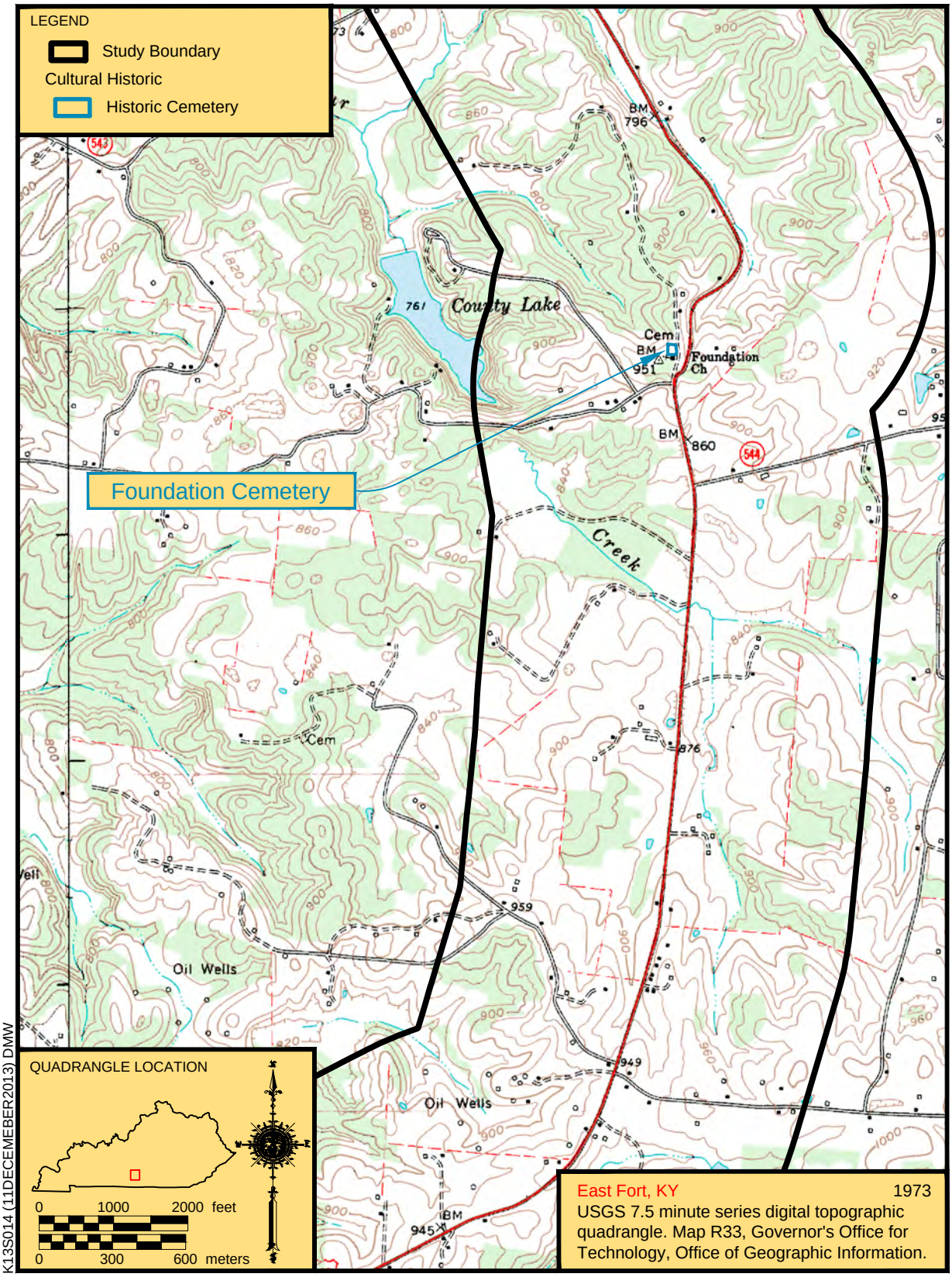


Figure 1g. Location of the study area and cultural resources project area on topographic quadrangle.

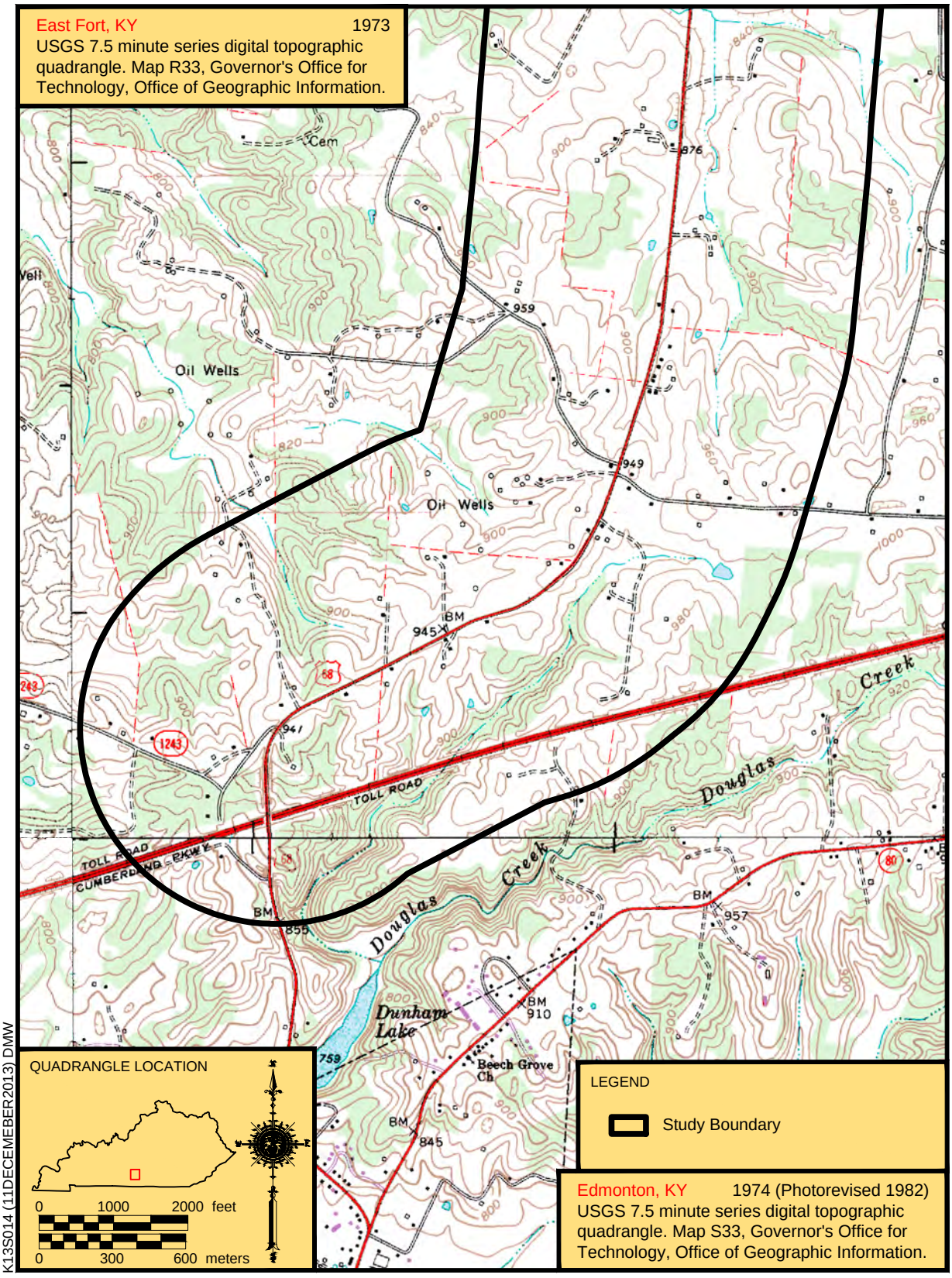


Figure 1h. Location of the study area and cultural resources project area on topographic quadrangle.

Topographic maps and aerial imagery indicate that land within the project area consists primarily of farms and pastures, but also includes commercial and residential properties. Most of the forested areas are associated with streams or drainages, although a number of forested ridges and upland slopes are noted in an approximate 10 km (6 mi) stretch near the Green and Metcalf County line. Apparent disturbance within the project area will likely consist of construction associated with the existing roadway and the construction of residential and commercial buildings. It is likely that most of the residential yards have been landscaped or covered with fill, and that most commercial properties have concrete or paved parking areas.

Metcalfe and Green Counties are in the Eastern Pennyroyal physiographic region, which is part of the Mississippian Plateau, in south-central Kentucky (Latham and Barton 1967). The typical terrain of the counties near the study area is a well-dissected, rolling to hilly, upland plateau with areas of karst topography characterized by sinkholes, sinking streams, streamless valleys, springs, caverns, and caves (McGrain and Currens 1978). Geologically, the two counties are underlain by Mississippian rocks, mostly limestones deposited 350 million years ago in the bottom of a warm, shallow sea (Sauer 1927). Over the last million years, unconsolidated Quaternary sediments have been deposited along the larger streams and rivers (McGrain and Currens 1978). Extensive solution weathering of the limestones and dolomites has produced a mantle of insoluble residuum, including fragments of chert, which is locally very thick where transported and concentrated in sinkholes. Topography within the study corridor consists of gently to moderately steep and very steeply sloping hillsides, broad uplands, irregular ridges, and narrow drainage valleys. The majority of level alluvial landforms within the study corridor are found in Green County. These include terraces and floodplains along Greasy Creek and similar landforms near Greensburg along the Green River, Russell Creek, and Lick Creek. Other streams crossed or near the study corridor include Sulphur Creek, Cave Branch, Long Creek, Dry Fork Branch, Caney Fork Creek, Caney Branch, Dry Branch, and Clover Lick Creek. Elevations ranged between 165 m (540 ft) above mean sea level (AMSL) and 299 m (980 ft) AMSL. The lowest elevation was at the Green River in Greensburg, and the highest elevation was located on a ridgetop in the southern end of the study area near the Cumberland Parkway.

Records Review

A search of records maintained by the National Register of Historic Places (NRHP) (available at: http://nrhp.focus.nps.gov/natreghome.do?searchtype=natreghome) and the Office of State Archaeology (OSA), was conducted to: 1) determine if the study area had been previously surveyed for archaeological or cultural historic resources; 2) identify any previously recorded archaeological or cultural historic sites that were situated within the study area; and 3) provide information concerning what archaeological and cultural historic resources could be expected within the study area. OSA Geographic Information Systems (GIS) data was requested by CRA on October 25, 2013, and returned on October 28, 2013. The results were researched by Heather Barras of CRA at the OSA on November 5, 2013. The work at OSA consisted of a review of professional survey reports and records of archaeological sites for the entire study area. To further characterize the archaeological resources in the general area, the OSA archaeological site database for the county was reviewed and synthesized. The review of professional survey reports and archaeological site data in the county provided basic information on the types of archaeological resources that were likely to occur within the project area and the landforms that were most likely to contain these resources. The study area covers areas on the Gresham, Exie, Greensburg, Summersville, East Fork, Sulphur Well, and Edmonton, Kentucky (United States Geological Survey [USGS] 1953d, 1961a, 1961b, 1961c, 1973a, 1973b, and 1974).

Archaeological Surveys and Sites within the Study Area

Records returned by the OSA (no project registration number assigned) revealed that 13 previous professional archaeological surveys have been conducted within the study area (see Figure 1). One of these surveys completed by Kentucky Archaeological Survey (KAS) and two additional surveys

completed by CRA within the study area have not yet been entered in the OSA GIS and are not depicted on Figure 1 (Haney 2005; Pironti 2004; Stahlgren 2003). In addition, a survey prior to 1932 also has limited GIS data and is not shown on Figure 1. None of the 13 surveys were conducted in Metcalfe County.

Thirteen archaeological sites have been previously recorded within the study area (see Figure 1; Table 1). All of these are located in Green County. The records search revealed that 2 of the 13 sites in the file search area (15Gn35 and 15Gn100) are historic farm/residences. Three sites (15Gn25, 15Gn31, and 15Gn34) are multi-component prehistoric open habitations and historic farm/residences. The remaining 8 sites (15Gn5, 15Gn21, 15Gn27, 15Gn33, 15Gn36, 15Gn40, 15Gn44, and 15Gn302) are prehistoric open habitations without mounds.

In 1931, archaeologists from the University of Kentucky compiled a list of known archaeological sites in 68 Kentucky counties (Webb and Funkhouser 1932). During this documentation, Site 15Gn5 was recorded as a prehistoric village site located 1.6 km (1.0 mi) south of Greensburg. The NRHP status was not assessed for this site.

On December 6, 1974, Western Kentucky University (WKU) personnel conducted an archaeological survey of the proposed realignment of U.S. 68 in Green County, Kentucky (Schock and Alvey 1976). The survey was conducted at the request of the Commonwealth of Kentucky, Department of Transportation. The proposed realignment was 2.3 km (1.4 mi) in length with a maximum corridor width of 98 m (320 ft) and was investigated through landowner interviews, pedestrian survey, and vehicular examination.

One prehistoric open habitation without mounds, 15Gn302, was documented during the WKU survey. On November 29, 1975, and January 15, 1976, Site 15Gn302 was tested with three 1.0-x-1.5 m (3.0-x-5.0 ft) test units. No diagnostic materials were recovered. The testing failed to uncover any buried cultural layers or sub–plow zone features. The site was considered ineligible for NRHP inclusion and project clearance was recommended.

In April 1986, Presnell Associates, Inc., personnel conducted an archaeological survey of seven alternate routes for the proposed realignment of KY 61 in Green County, Kentucky (Granger 1986). The survey was conducted at the request of Parsons Brinckerhoff Quade and Douglas, Inc., on behalf of the KYTC. An area of unspecified was investigated by landowner interviews, pedestrian survey, shovel testing, and/or fire-raking. No archaeological sites were documented during the survey, and project clearance was recommended.

In March 1987, Arrow Enterprises personnel conducted an archaeological survey of the 10 ha (25 acre) proposed county park at Greensburg in Green County, Kentucky (Schock 1987). The survey was conducted at the request of Judge Morris Goff, Green County Judge Executive. The project area was investigated with pedestrian survey supplemented by shovel testing, and one archaeological site, 15Gn27, was identified. Site 15Gn27 is a prehistoric open habitation of indeterminate temporal affiliation consisting of a light scatter of lithic materials. The site was considered ineligible for NRHP inclusion, and no further work was recommended.

On February 5, 1988, CRA personnel conducted an archaeological survey of approximately 2 ha (5 acres) of proposed improvements to the Green-Taylor Water District's facilities, which included a proposed water tank and pumping station location in Green County, Kentucky (Niquette and Hand 1988). The survey was conducted at the request of Mayes, Sudderth, and Etheredge, Inc., on behalf of the Green-Taylor Water District. Field methods consisted of intensive pedestrian survey supplemented with shovel testing. No archaeological sites were identified, and project clearance was recommended.

Table 1. Archaeological Sites Located within the Current Study Area.

Site	Component	Site Type	Quadrangle	Landform	NRHP Status
15Gn5	Indet. Prehistoric	Open habitation without mounds	Gresham	Terrace	NRHP status not assessed
15Gn21	Indet. Prehistoric	Open habitation without mounds	Greensburg	Dissected uplands	Inventory site (does not presently meet NRHP criteria)
15Gn25	Historic Euro-american, Indet. Prehistoric	Open habitation without mounds, Farmstead/residence	Greensburg	Dissected uplands	Inventory site (does not presently meet NRHP criteria)
15Gn27	Indet. Prehistoric	Open habitation without mounds	Exie	Floodplain	Inventory site (does not presently meet NRHP criteria)
15Gn31	Early, Middle, and Late Archaic, Historic Euro-american	Open habitation without mounds, Farmstead/residence	Greensburg	Undissected uplands	NRHP status not assessed
15Gn33	Indet. Prehistoric	Open habitation without mounds	Greensburg	Undissected uplands	Inventory site (does not presently meet NRHP criteria)
15Gn34	Historic Euro-american, Indet. Prehistoric	Open habitation without mounds, Farmstead/residence	Greensburg	Undissected uplands	Inventory site (does not presently meet NRHP criteria)
15Gn35	Historic Euro-american	Farmstead/residence	Greensburg	Dissected uplands	NRHP listed property
15Gn36	Indet. Prehistoric	Open habitation without mounds	Greensburg	Terrace	NRHP status not assessed
15Gn40	Early Archaic, Indet. Prehistoric	Open habitation without mounds	Greensburg	Terrace	NRHP status not assessed
15Gn44	Indet. Prehistoric	Open habitation without mounds	Gresham	Dissected uplands	Inventory site (does not presently meet NRHP criteria)
15Gn100	Historic Euro-american	Farmstead/residence	Summersville	Undissected uplands	NRHP listed property
15Gn302	Indet. Prehistoric	Open habitation without mounds	Exie	Floodplain	Inventory site (does not presently meet NRHP criteria)

On November 27, 1989, Janzen, Inc., personnel conducted an archaeological survey of the proposed sewage treatment plant site and pump station site for the Greensburg sewer improvement project in Green County, Kentucky (Janzen 1989). Approximately 2.4 ha (6.0 acres) were investigated with a pedestrian survey supplemented with shovel testing. No archaeological sites were identified, and no further work was recommended.

On January 8, 1992, Arrow Enterprises personnel conducted an archaeological survey of the proposed Green County Health Center at Greensburg in Green County, Kentucky (Schock 1992). At the request of Mayes, Sudderth, and Etheredge, Inc., of Lexington, Kentucky, approximately 1.6 ha (4.0 acres) were investigated by pedestrian survey supplemented with shovel testing. No archaeological sites were identified, and project clearance was recommended.

On February 25 and 26, 1995, Arrow Enterprises personnel conducted an archaeological survey of approximately 40 ha (100 acres) for a proposed industrial park in Green County, Kentucky (Schock 1995a). The survey was conducted at the request of George Gupton for the Green County Industrial Foundation. Field methods consisted of pedestrian survey supplemented with shovel testing. No archaeological sites were identified, and no further work was recommended.

Between February and July of 1995, Arrow Enterprises personnel conducted an archaeological survey of approximately 20 ha (50 acres) for a proposed industrial park in Green County, Kentucky (Schock 1995b). At the request of George Gupton for the Green County Industrial Foundation, the project area was investigated with pedestrian survey supplemented with shovel testing. Two archaeological sites (15Gn31 and 15Gn32) were documented during the survey.

Only Site 15Gn31 was located within the current study area. Site 15Gn31 is a multi-component nineteenth-century historic farm/residence and prehistoric open habitation without mounds dating from the Early Archaic to Late Archaic subperiods. The site had potential for sub–plow zone features and if the site could not be avoided by the project, machine excavated trenches were recommended to determine whether features were present. Its NRHP status was not assessed (Schock 1995b).

On November 14, 2000, United States Army Corps of Engineers (USACE) personnel conducted an archaeological survey of a 305 m (1,000 ft) long proposed bank protection area on the right bank of the upper Green River in Green County, Kentucky (Ball 2000). Visual inspection of the eroded riverbank and shovel testing along the length of the parcel revealed no archaeological sites. Project clearance was recommended.

Between February 26 and 28, 2001, University of Kentucky Program for Archaeological Research (KAS) personnel conducted an archaeological survey of the proposed KY 61 Greensburg Connector Road in Green County, Kentucky (Cropper et al. 2001). The survey was conducted at the request of Bernardin, Lochmueller & Associates, Inc., on behalf of the KYTC. An unspecified area was investigated by pedestrian survey supplemented with screened shovel testing. Two archaeological sites (15Gn33 and 15Gn34) were documented during the survey.

Site 15Gn33 is a prehistoric open habitation without mounds of indeterminate temporal affiliation. Site 15Gn34 is a multi-component prehistoric open habitation of indeterminate temporal affiliation and historic farm/residence dating from the late nineteenth to twentieth century. Both sites had low artifact density, and no evidence of intact or stratified sub–plow zone cultural deposits were observed. The sites were considered ineligible for NRHP inclusion. No further work was recommended (Cropper et al. 2001).

In 2003, KAS personnel conducted an archaeological survey to determine if intact eighteenth- or nineteenth-century archaeological remains were to be impacted by the proposed rehabilitation of the Abell Cabin (15Gn35) in Greensburg, Green County, Kentucky (Stahlgren 2003). A secondary purpose of the survey was to determine the date of the cabin. The survey was conducted at the request of the Greensburg Presbyterian Church. Screened shovel probes were utilized in the cellar of the

cabin, while test units were excavated in the surrounding grounds. Backhoe trenches on the south, east, and west sides of the cabin also were monitored. The survey determined that Site 15Gn35 has significant disturbance and no intact archaeological remains will be impacted by the project. There were nineteenth-century deposits in the west yard, however, that were considered potentially significant. Although it will not be impacted by the project, monitoring was recommended for any ground disturbing activities to the west of the cabin. The GIS data obtained from the OSA indicates that this site is a NRHP-listed property although it does not appear on the NRHP database or within NRHP GIS data.

Between May 6 and 16, 2003, and on June 5, 2003, CRA personnel conducted an archaeological survey of the high probability areas in the three alternates of the proposed KY 61 realignment from Columbia in Adair County, Kentucky, to Greensburg in Green County, Kentucky (Pironti 2004). The survey was conducted at the request of Marty Marchaterre of T.H.E. Engineers, Inc., on behalf of the KYTC (Item No. 8-128.00). The project area covered a total of 306.7 ha (757.9 acres), and a minimum of 20 percent of each alternate was surveyed. In all, approximately 102.3 ha (252.7 acres) were surveyed. Field methods consisted of pedestrian survey supplemented with screened shovel testing and screened bucket auger testing. Seven previously undocumented archaeological sites were identified during the survey (15Ad134, 15Ad135, and 15Gn36–15Gn40).

Only Sites 15Gn36 and 15Gn40 are located within the current study area. Both sites are prehistoric open habitations without mounds. No diagnostic artifacts were recovered from Site 15Gn36, although evidence of potential buried deposits was found. Site 15Gn40 had a possible Early Archaic component, along with the potential for buried deposits. Avoidance of both sites was recommended. If avoidance was not possible, additional archaeological investigations were recommended to assess the NRHP eligibility of the sites (Pironti 2004).

During the periods of April 26–May 28 and June 23–30, 2004, CRA personnel conducted an archaeological survey of the preferred alternate for the proposed reconstruction of KY 61 between Columbia and Greensburg, in Adair and Green Counties, Kentucky (Haney 2005). The survey was conducted at the request of T.H.E. Engineers, Inc., on behalf of the KYTC (Item No. 8-128.00). All previously unsurveyed portions of the preferred alternate corridor, including several connectors, were surveyed for this project (208.9 ha [516.2 acres]) by an intensive pedestrian survey supplemented with screened shovel testing. Seventeen previously undocumented archaeological sites (15Ad136–15Ad144 and 15Gn42–15Gn49), six prehistoric isolated finds, and one non-site locality were identified during the survey. Of these, only one site (15Gn44) was located within the current study area. Site 15Gn44 is a prehistoric open habitation without mounds of indeterminate temporal affiliation. The site lacked integrity and contained a low density of cultural material. It was considered ineligible for NRHP inclusion, and no further work was recommended for the site (Haney 2005).

In December 2004, Arrow Enterprises personnel conducted an archaeological survey for the Green River Trails project at Greensburg in Green County, Kentucky (Schock 2004). The survey was conducted at the request of Mayor George Cheatham on behalf of the City of Greensburg, Kentucky. Approximately .4 ha (1.0 acre) was investigated by pedestrian survey supplemented with screened shovel testing. No archaeological sites were documented, and no further work was recommended.

On June 27, 2008, TRC, Inc., personnel conducted an archaeological survey of the proposed Sulphur Well cell tower and access road in Metcalfe County, Kentucky (Barrett 2008). At the request of Jenny Guest-Cogar of Terracon, approximately .11 ha (.27 acre) was investigated by pedestrian survey supplemented with screened shovel testing. No archaeological sites were documented, and no further work was recommended.

On July 9, 2010, Arrow Enterprises personnel conducted an archeological survey of a proposed recreational trail in Green County, Kentucky, at the request of Judith Weatherholt of the City of

Greensburg (Schock 2010). Approximately 1.6 ha (4.0 acres) were investigated by pedestrian survey supplemented with screened shovel testing. No archaeological sites were documented, and project clearance was recommended.

Sites 15Gn21, 15Gn25, and 15Gn100 did not have an associated report on file at the OSA. Sites 15Gn21 and 15Gn25 were recorded by R. Stallings and D. Janzen of Janzen, Inc., in October of 1985. Site 15Gn21 is a prehistoric open habitation without mounds of indeterminate temporal affiliation. Site 15Gn25 is a multi-component open habitation of indeterminate temporal affiliation and historic farm/residence dating to the twentieth century. Sites 15Gn21 and 15Gn25 were both considered inventory sites and not eligible for inclusion in the NRHP.

Site 15Gn100, the Greensburg Academy, is a historic farm/residence of an unspecified time period recorded by J.M. Fenwick of the Kentucky Heritage Council (KHC) on September 15, 1978. According to the site form, it was listed as an NRHP property on December 12, 1976.

Countywide Site Data

The proposed project and current study area are located in Green and Metcalfe counties. According to information obtained from the OSA, 49 sites have been recorded in Green County, and 35 sites have been recorded in Metcalfe County (Table 2). The site data indicated that the overwhelming majority of archaeological sites consisted of prehistoric open habitations without mounds; these comprised 73.47 percent (n = 36) and 54.29 percent (n = 19) of the sites in Green and Metcalfe counties, respectively. Other site types recorded for Green County include historic farm/residences (n = 4), rockshelters (n = 2), open habitations with mounds (n = 2), cemeteries (n = 1), caves (n = 1), industrial sites (n =1), non-mound earthworks (n = 1), other/undetermined (n = 1). Other site types recorded for Metcalfe County include rockshelters (n = 6), caves (n = 3), historic farm/residences (n = 1), open habitations with mounds (n = 1), cemeteries (n = 1), workshops (n =1), and other/undetermined (n = 3).

Of the prehistoric sites recorded in Green County, almost three-quarters (n = 37; 74 percent) are listed as containing indeterminate prehistoric components. Metcalfe County also has a high percentage (n = 24; 63.16 percent) of sites with indeterminate prehistoric time periods. The remaining identified components at sites in Green County are attributed to Archaic (n = 2) and Woodland (n = 1) time periods. Green County also has sites with Archaic (n = 4) and Woodland (n = 6) components.

Most of the recorded sites in Green County were located on landforms classified as dissected uplands (n = 18; 36.73 percent), undissected uplands (n = 17; 34.69 percent), or terraces (n = 8; 16.33). Smaller numbers of sites in Green County were found on hillsides (n = 3), floodplains (n = 2), and other unspecified landforms (n = 1). The large majority of sites in Metcalfe County have been identified on dissected uplands (n = 22; 62.86 percent). Fairly large numbers of sites also have been recorded on floodplains (n = 6) and hillsides (n = 4). The remaining sites in Metcalfe County were identified on undissected uplands (n = 2) and terraces (n = 1). The current study area falls on a wide variety of terrains, although a large majority (approximately 90 percent) is comprised of uplands and slope.

NRHP Site Database Results

The review of the NRHP database and GIS files revealed that there are 18 listed historic structures, 1 listed historic bridge, and 1 listed historic district located within the current study area (see Figure 1; Table 3). All of the historic properties are located in Green County, and all but 3 of the historic properties are located within the city limits of Greensburg. All 3 of the historic NRHP-listed properties outside of Greensburg are likely to contain historic archaeological material.

Table 2. Summary of Selected Information for Previously Recorded Archaeological Sites in Green and Metcalfe Counties, Kentucky. Data Obtained from OSA and May Contain Coding Errors.

	Metcalfe County		Green County	
Site Type:	N	%	N	%
Cave	3	8.57	1	2.04
Cemetery	1	2.86	1	2.04
Historic Farm/Residence	1	2.86	4	8.16
Industrial	0	0	1	2.04
Non-mound Earthwork	0	0	1	2.04
Open Habitation With Mounds	1	2.86	2	4.08
Open Habitation Without Mounds	19	54.29	36	73.47
Other	1	2.86	0	0
Rockshelter	6	17.14	2	4.08
Undetermined	2	5.71	1	2.04
Workshop	1	2.86	0	0
Total	35	100	49	100
Time Periods Represented:	N	%	N	%
Paleoindian	0	0	0	0
Archaic	4	10.53	2	4.00
Woodland	6	15.79	1	2.00
Late Prehistoric	0	0	0	0
Indeterminate Prehistoric	24	63.16	37	74.00
Historic	4	10.53	10	20.00
Unspecified	0	0	0	0
Total	38*	100	50*	100
Landform:	N	%	N	%
Dissected Uplands	22	62.86	18	36.73
Floodplain	6	17.14	2	4.08
Hillside	4	11.43	3	6.12
Terrace	1	2.86	8	16.33
Undissected Uplands	2	5.71	17	34.69
Unspecified	0	0	1	2.04
Total	35	100	49	100

** One site may represent more than one time period.*

Table 3. NRHP-Listed Properties within the Current Study Area.

NRHP Site Name	General Location	County	Quadrangle (7.5-minute)
Allen's, James, Inn	103 E. Court St.	Green	Greensburg
Barrett-Blakeman House	Hodgenville Rd.	Green	Greensburg
Brents-Lisle House	US 68	Green	Greensburg
Court Clerk's Office-County & Circuit	East Court St.	Green	Greensburg
Creel, Elijah, House	E. Columbia Ave.	Green	Greensburg
Downtown Greensburg Historic District	Public Square and bounded by N. and S. Main St., and E. and W. Court Sts.	Green	Greensburg
Federal House	S. Main and E. Columbia	Green	Greensburg
Goose Creek Foot Bridge	Court and Depot Sts.	Green	Greensburg
Greensburg Academy	101 2nd St.	Green	Greensburg
Greensburg Bank Building	E. Court St.	Green	Greensburg
Greensburg Cumberland Presbyterian Church	Hodgenville Ave. and N. 1st St.	Green	Greensburg
Herndon, William H., House	203 S. Main St.	Green	Greensburg
Hobson, William, House	102 S. Depot St.	Green	Greensburg
L & N Passenger Depot	103 N. Depot St.	Green	Greensburg
Lewis, Woodson, House	Main St. and Hodgenville Ave.	Green	Greensburg
Mud Brick House in Greensburg	429 Campbellsville Rd.	Green	Greensburg
Old Courthouse	Public Sq.	Green	Greensburg
White-Penick House	106 S. Depot St.	Green	Greensburg
Whitlock Log Cabin	US 68	Green	Exie
Wilson, R. H., House	402 N. Water St.	Green	Greensburg

One of these properties located outside of Greensburg is the Whitlock Log Cabin (see Figure 1). This historic structure is located on the west side of U.S. 68 just south of its intersection with KY 487 near the community of Exie. The log cabin was built circa 1801–1825 and has frame additions added later in the nineteenth century (DeSpain 1984a). Aerial imagery indicates that this house is vacant but extant.

The second historic property, the Brents-Lisle House, is located just south of Greensburg near the confluence of Dry Creek and the Green River (see Figure 1). It is a complex of historic buildings including a log cabin potentially built in the 1830s, a later nineteenth-century brick house, a barn, and a stone chimney (DeSpain 1984b). The resource inventory site form also indicates that the potential builder and resident of the log cabin, Samuel Brents, died in 1835, and may be buried near this historic complex of structures. Aerial photos indicate that there are structures at the locations of the log cabin and brick residence although it was not discernible if these are the original structures or modern replacements.

The third historic property is the Mud Brick House in Greensburg, which is located on the border of the Greensburg city limits near the intersection of U.S. 68 and KY 61 (see Figure 1). This early- to mid-nineteenth-century house is constructed of unfired earthen blocks (MacIntire 2008). The nomination form for this historic property indicated that the owner of the property had wanted to tear the structure down, and it is unknown if this structure is still standing.

The NRHP GIS files list 15 historic structures located within the city of Greensburg: The Old Courthouse, James Allen's Inn and Stagecoach Stop, R.H. Wilson House, Greensburg Cumberland Presbyterian Church, Greensburg Independent Bank, Lewis Woodson House, William Herndon House, Federal House, Old Clerk's Building, Greensburg Academy, Captain William Hobson House, Greenburg Railroad Depot (Louisville and Nashville), White-Penick House, Elijah Creel House, and Barret-Blakeman House. Some of these historic structures also are encompassed in the historic district. The historic district is the Downtown Greensburg Historic District, which covers approximately 6 ha (15 acres) and is comprised of 56 historic properties that date from 1792 to 1956 (NPS 2003). The NRHP-listed bridge is located just east of downtown Greensburg and is the Goose Creek Footbridge. The Greensburg Academy also has been documented as archaeological site 15Gn100 by the KHC in the 1970s.

Map Data Overview

In addition to the file searches, a review of available maps was initiated to help identify potential historic properties (structures) or historic archaeological site locations within the study area. The following maps were reviewed:

1908 Oil and Gas Map of Green, Taylor, and Adair Counties, Kentucky (Norwood 1908);

1924 Oil and Gas Map of Metcalfe County, Kentucky (Crider 1924);

1949a General Highway Map, Green County, Kentucky (Kentucky Department of Highways [KDOH]);

1949b General Highway Map, Metcalfe County, Kentucky (KDOH);

1953a East Fork, Kentucky, 7.5-minute series topographic quadrangle (USGS);

1953b Edmonton, Kentucky, 7.5-minute series topographic quadrangle (USGS);

1953c Exie, Kentucky, 7.5-minute series topographic quadrangle (USGS);

1953d Gresham, Kentucky, 7.5-minute series topographic quadrangle (USGS);

1953e Sulphur Well, Kentucky, 7.5-minute series topographic quadrangle (USGS);

1953f Summersville, Kentucky, 7.5-minute series topographic quadrangle (USGS);

1955 General Highway Map, Green County, Kentucky (KDOH);

1956 General Highway Map, Metcalfe County, Kentucky (KDOH);

1961a Exie, Kentucky, 7.5-minute series USGS topographic quadrangle (USGS); and

1961b Greensburg, Kentucky, 7.5-minute series USGS topographic quadrangle (USGS).

The maps above provided useful information about the general locations of historic structures, cemeteries, and other resources within the study corridor. Greensburg Sanborn maps date as early as 1886, although these maps were not utilized for the purposes of the current preliminary overview. The above-discussed NRHP database previously indicated that there are numerous historic structures in Greenburg, and the Sanborn maps may be useful when a final alignment for the project is determined. The city of Greensburg was established in the late 1790s and any number of historic structures could be expected within the city limits (Rennick 1987). The city of Greensburg contains at least two cemeteries and two schools, as well as numerous historic businesses, residences, warehouses, public infrastructure, and at least one building historically associated with the CSX railroad (previously Louisville and Nashville). Therefore, for the purposes of this overview, the entire city of Greensburg could be considered to have a potential to contain historic archaeological materials, although the level of potential would be determined on the amount of modern disturbance.

There was a lack of available nineteenth- and early-twentieth-century map data for the area outside of the city of Greensburg. No maps dating to the nineteenth century were located, and the geology and oil and gas maps from the first half of the twentieth century do not depict individual residential structures. However, these maps do indicate that there was some moderate level of development around smaller communities such as Locust Grove, Exie, Thurlow, and Pink Ridge by at least the early twentieth century (Norwood 1908). Surrounding county histories and the overall settlement history of Kentucky also would suggest that the rural areas may have had some level of occupation as early as the early to mid-nineteenth century with an increase in population density around the turn-of-the-twentieth century. General settlement patterns also suggest that these portions of Green and Metcalfe Counties had been primarily comprised of large rural farms from the nineteenth century to the mid-twentieth century. The Green or Metcalfe public libraries or historical societies may have additional settlement pattern information, including early-twentieth- or nineteenth-century maps that may aid in predicting which historic structures may date to these time periods.

The mid-twentieth-century topographic maps identified over 500 isolated historic residences, farm complexes, or outbuildings within the study area but outside of the Greensburg city limits. The distribution of these residences and farms are very similar to what is represented on the current topographic maps of the area (see Figure 1). The current route of U.S. 68 is the same as that represented on the mid-twentieth-century topographic maps, and the large majority of structures are located adjacent to U.S. 68. In areas of rugged and steep terrain, such as the roughly 11 km (7 mi) south of the Green River in Green County and the forested 10 km south of the county-line, approximately 75 percent of the structures are located on top of the ridge within 200 m (656 ft) of the U.S. 68 right-of-way. Overall, the historic structures are located near roadways, although in areas with more level terrain, the structures are more widely distributed. These are often farm complexes with multiple outbuildings scattered over the large farm properties. The area surrounding the community of Exie and Greasy Creek appeared to have a slightly increased number of residences and farms compared to other portions of the rural study area. The first post office in Exie was established in 1890 (Rennick 1987).

The same mid-twentieth-century topographic maps also depict 13 historic cemeteries, 5 churches, 4 schools, a quarry, and a public park in the same areas. Modern topographic maps also depict 1 additional cemetery that is not included in the historic cemetery list or Figure 1 but is briefly described below. The 1949–1956 highway maps of the area also depict 2 additional schools and numerous small businesses primarily located at the intersection of U.S. 68 and other smaller roadways (KDOH 1949a, 1949b, 1955, 1956). The quarry and public park are both located just

southeast of Greensburg. The churches are generally associated with small communities and are all located adjacent to U.S. 68. The churches are: The Thurlow Church, Mt. Lebanon, Greasy Creek, Pink Ridge, and Foundation. The schools also are generally located adjacent to U.S. 68 with the exception of two schools (Exie and Lone Oak) near Exie that are located on county roads. The known historic schools within the study area are: The Clover Lick School (KDOH 1949a), Forest Rose School (USGS 1953c), Exie School (USGS 1953c), Lone Oak School (USGS 1953c), Pink Ridge School (KDOH 1949b), and Mud Slash School (USGS 1953a).

The location of the known historic cemeteries in the study area will be briefly outlined below, following the proposed project corridor from north to south (see Figure 1). The Taylor Cemetery is located on the east side of the Ralph Vaughn Road (USGS 1961b). This cemetery would fall within the proposed connector area east of Greensburg. The Curry Cemetery is located on U.S. 68 across from the Thurlow Church, both of which are on the ridgetop above Caney Branch (USGS 1953c). The Mount Lebanon Cemetery is situated just south of the Curry Cemetery at the intersection of U.S. 68 and Mount Lebanon Church Road (USGS 1961a) The McKinney Cemetery is located on a ridgetop approximately .7 km (.4 mi) east of U.S. 68 on Locust Grove Road (USGS 1953c).

Seven historic cemeteries (Bagby [1], Bagby [2], Bagby [3], Whitlock, Dowell, Young, and Greasy Creek) all are located within 3.7 km (2.3 mi) of each other near the community of Exie (USGS 1953c). The Greasy Creek Cemetery is located on the east side of U.S. 68, across from its intersection with KY 487 and is associated with the Greasy Creek Church (USGS 1953c). The Bagby Cemetery is located on the south side of U.S. 68, southwest of the community of Exie on low footslopes above Greasy Creek. The 1953 historic map of the area identifies only one location for this cemetery between Clark Houk and R. Mills Road, while a later historic topographic map depicts this location as well as two others also named the Bagby Cemetery (USGS 1961a). The two additional cemeteries are on R. Mills Road and approximately 375 m (1,230 ft) to the east on C. Boils Road (USGS 1953c). The same 1961 map also depicts a cemetery (Young Cemetery) on Pruitt Road, which is approximately 400 m (1,312 ft) west of the historical location of the Bagby Cemetery (USGS 1961a). The Whitlock Cemetery is located on Whitlock Cemetery Road approximately 1.6 km (1.0 mi) due west of the historical location of the Bagby Cemetery (USGS 1953c). This cemetery is set off of U.S. 68 by roughly 600 m (1,968 ft). The Dowell Cemetery is situated just west of the Whitlock Cemetery on the north side of the Whitlock Cemetery Road (USGS 1953c).

The Pink Ridge Cemetery is located next to the Pink Ridge Church at the intersection of U.S. 68 and Beechville Road (USGS 1953a). The Waller Cemetery is situated on the west side of U.S. 68 approximately 1.7 km (1.1 mi) southeast of the Pink Ridge Cemetery (USGS 1953a). The Foundation Cemetery is associated with the Foundation Church, both of which are located on U.S. 68 roughly 2.8 km (1.8 mi) southeast of the Waller Cemetery.

A modern topographic map dating to 1973 indicates that there is an additional cemetery located 2.2 km (1.4 mi) south of the Green and Metcalfe County line on Cedar Top Church Road (USGS 1973a). This cemetery is not depicted on the 1953 map of the area, although it may not have been known or mapped at this earlier date.

All of the locations with historic structures including residences, farm complexes, churches, businesses, and schools have the potential to contain historic archaeological material, although it is expected that modern disturbance has likely impacted the integrity of at least some of these potential historic sites. U.S. 68 is a historic roadway and its general historic route is very similar to its contemporary location. Residences and other structures located along U.S. 68 have the potential to date to the nineteenth century, which are the most archaeologically sensitive, although general trends for the state suggest that the majority of the structures may date to the twentieth century. However, while the structures may be considered historic, the potential for archaeological material may be diminished due to their continued occupation into modern times, or their replacement by modern

structures. The cemeteries all would need to be documented according to NRHP Section 106 regulations and the *Specifications for Conducting Fieldwork and Preparing Cultural Resource Assessment Reports* (Sanders 2006).

Soils Review

The review of soil types in the project area was undertaken to help determine where buried archaeological deposits may occur. The soil series are classified by the amount of time it has taken them to form and the landscape position they are found on (Birkland 1984; Soil Survey Staff 1999). This information can provide a relative age of the soils and can point to the potential for buried archaeological deposits within them (Stafford 2004).

Five soil associations are mapped within Metcalfe County: Cumberland-Crider, Melvin-Crider, Baxter-Crider-Clarksville, Dandridge-Westmoreland-Christian, and Dandridge-Westmoreland-Caneyville-Baxter (Latham and Barton 1967). The Baxter-Crider-Clarksville association is found throughout the majority (61 percent) of Metcalfe County in the central and western portions, and is the only soil association found in Metcalfe County within the current study area (Latham and Barton 1967). Four soil associations are mapped within Green County: Frederick-Nolichucky-Riney, Frederick-Mountview, Frederick-Mountview-Dickson, and Frederick-Caneyville (Ross and Leathers 1982).

Each soil association is comprised of one or more soil series. The specific soil series within the project area are Baxter, Bodine, Caneyville, Captina, Christian, Clarksville, Crider, Dandridge, Dewey, Dickson, Elk, Frankstown, Frederick, Garmon, Humphreys, Huntington, Lindside, Lowell, Melvin, Morehead, Mountview, Needmore, Newark, Nolin, Otwell, Pembroke, Robertsville, Robinsonville, Sango, Sensabaugh, and Taft (Soil Survey Staff 2013). In addition, to the abovementioned soil series, Gullied Land, Pits, Rock Outcrop, and Water also cover portions of the study area. The Baxter and Frederick soil series comprise the majority (3,773 ha [9,323 acres]; 55 percent) of the study area. Table 4 provides soil codes and amount of coverage (in acres) within the study area for each soil series.

The Baxter, Caneyville, Crider, Elk, Humphreys, Lowell, Needmore, Otwell, Pembroke, and Robertsville series are classified as Alfisols. Alfisols are found on landforms that formed during the Late Pleistocene or earlier (Soil Survey Staff 1999:163–165). Archaeological deposits would only be found on or very near the ground surface on landforms mapped with these Alfisols. The potential for buried cultural material for these soils is low.

The Dandridge, Garmon, Lindside, Melvin, Newark, Nolin, and Sensabaugh series are classified as Inceptisols. This class of soils developed in silty, acid alluvium during the Late Pleistocene or Holocene time periods (Soil Survey Staff 1999:489–491). Inceptisols may have deeply buried and intact archaeological deposits, depending upon the landform on which they formed (e.g., sideslope vs. alluvial terrace). The potential for buried cultural material for these soils is moderate to high. The large majority of these soils are found within the study area near Greensburg along the Green River and its tributaries such as Russell Creek, Dry Branch, and Clover Lick Creek. Other significant locations within the study area containing Inceptisol soils are near the community of Exie along Greasy Creek and its minor tributaries, as well as the East Fork of the Little Barren River and Sulphur Creek (see Figure 2).

The Huntington series is classified as a Mollisol. Mollisols are grassland soils and because of long-term addition of organic material to the soil from plant roots, the surface horizon is thick, dark, and fertile. They can exhibit clay, sodium and/or carbonate enriched, or even leached, subsoil horizons. These soils formed on level to sloping ground in late-Pleistocene to Holocene or even earlier deposits and generally under grassland that could have been previously forested.

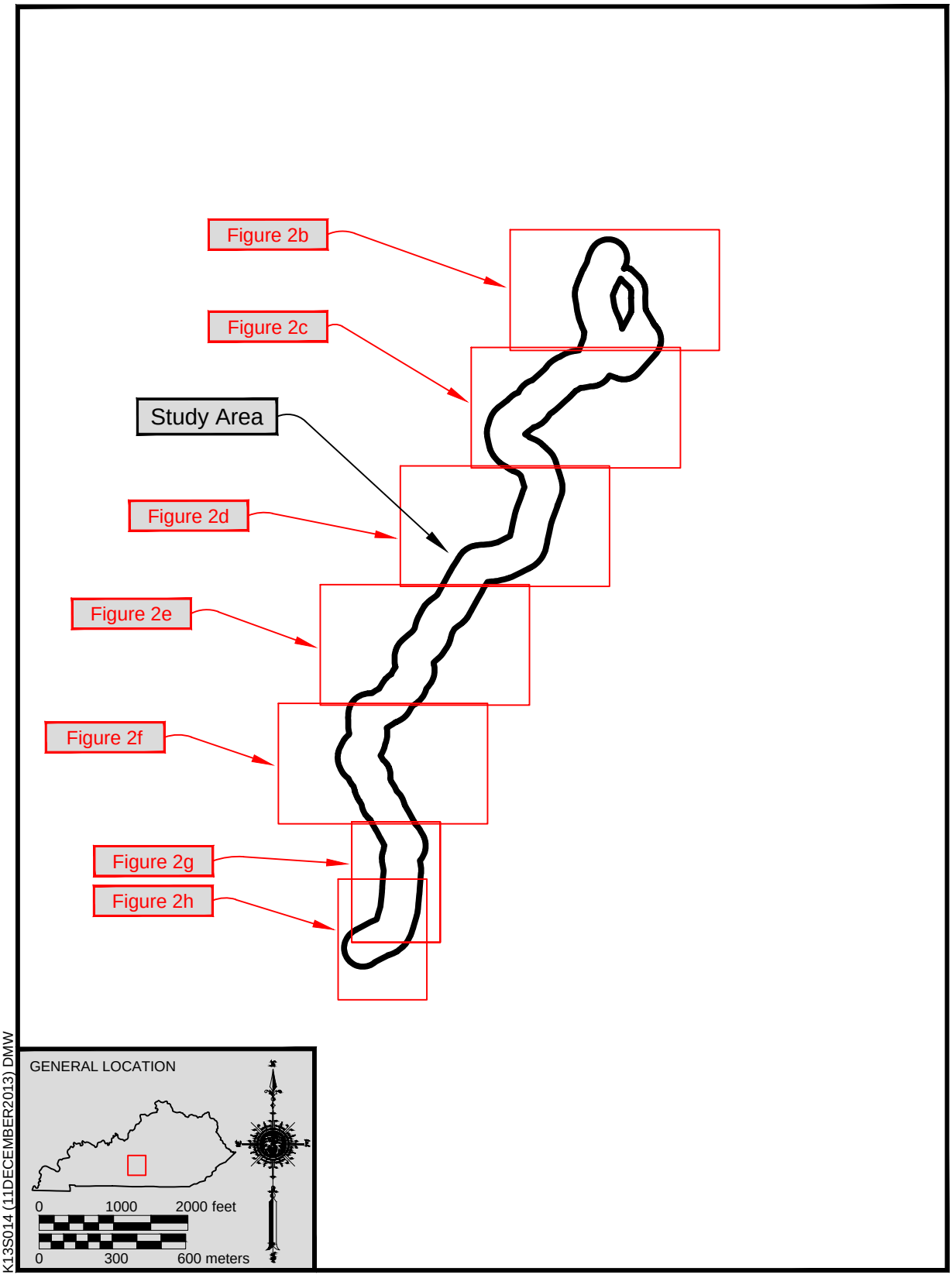
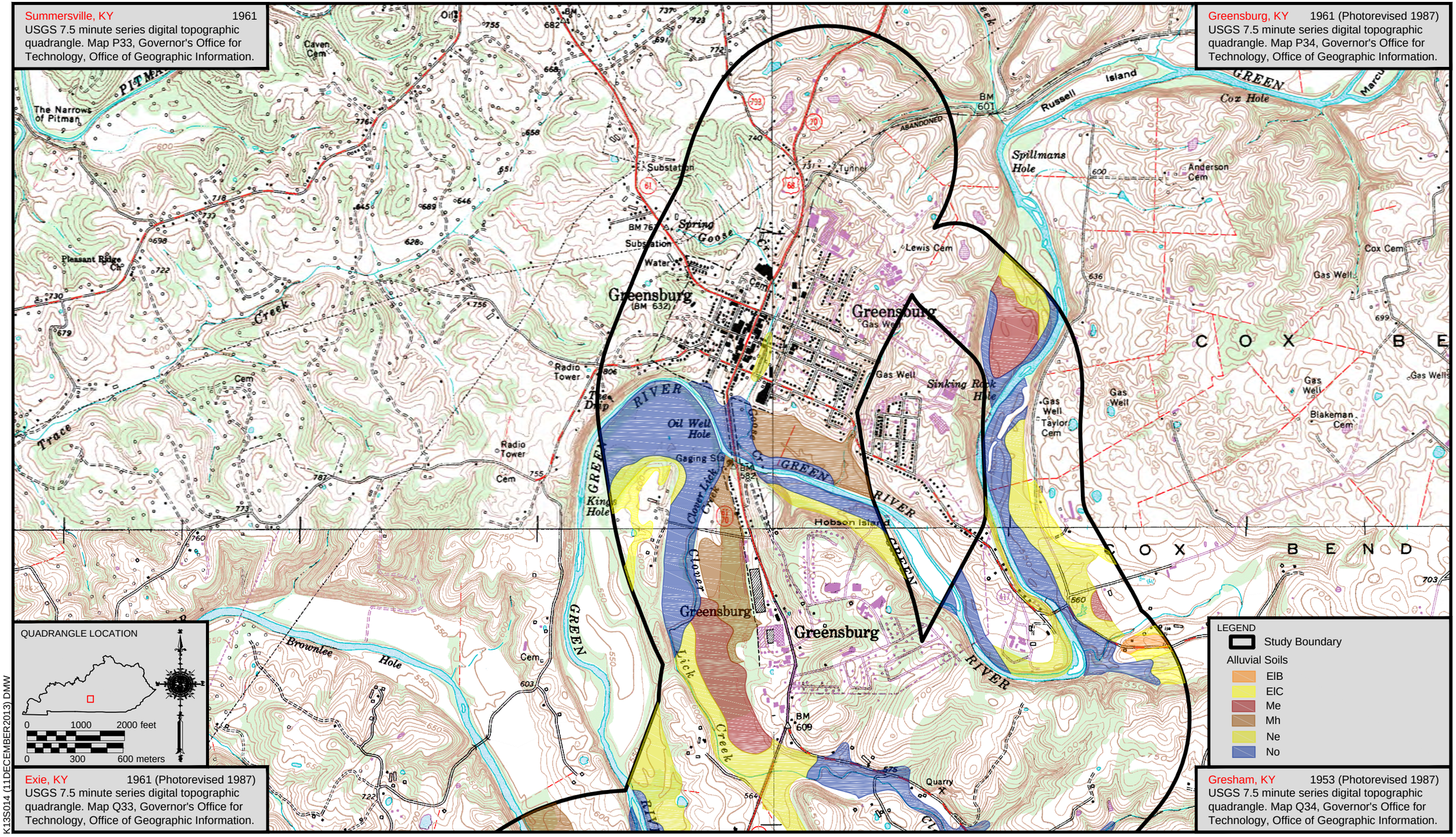


Figure 2a. Key for Figure 2 series maps.

Summersville, KY 1961
USGS 7.5 minute series digital topographic quadrangle. Map P33, Governor's Office for Technology, Office of Geographic Information.

Greensburg, KY 1961 (Photorevised 1987)
USGS 7.5 minute series digital topographic quadrangle. Map P34, Governor's Office for Technology, Office of Geographic Information.



Exie, KY 1961 (Photorevised 1987)
USGS 7.5 minute series digital topographic quadrangle. Map Q33, Governor's Office for Technology, Office of Geographic Information.

Gresham, KY 1953 (Photorevised 1987)
USGS 7.5 minute series digital topographic quadrangle. Map Q34, Governor's Office for Technology, Office of Geographic Information.

K13S014 (11DECEMBER2013) DMW

Figure 2b. Topographic quadrangle map showing the locations of alluvial soils within study area.

Exie, KY 1961 (Photorevised 1987)
USGS 7.5 minute series digital topographic quadrangle. Map Q33, Governor's Office for Technology, Office of Geographic Information.

Gresham, KY 1953 (Photorevised 1987)
USGS 7.5 minute series digital topographic quadrangle. Map Q34, Governor's Office for Technology, Office of Geographic Information.

LEGEND
Study Boundary
Alluvial Soils
ElB
ElC
Mh
Ne
No

QUADRANGLE LOCATION
0 1000 2000 feet
0 300 600 meters

K13S014 (11DECEMBER2013) DMW

Figure 2c. Topographic quadrangle map showing the locations of alluvial soils within study area.

Exie, KY 1961 (Photorevised 1987)
USGS 7.5 minute series digital topographic quadrangle. Map Q33, Governor's Office for Technology, Office of Geographic Information.

QUADRANGLE LOCATION

0 1000 2000 feet
0 300 600 meters

LEGEND
Study Boundary
Alluvial Soils
EIB
Me
Mh
Ne
No

K13S014 (11DECEMBER2013) DMW

Figure 2d. Topographic quadrangle map showing the locations of alluvial soils within study area.

Exie, KY 1961 (Photorevised 1987)
USGS 7.5 minute series digital topographic quadrangle. Map Q33, Governor's Office for Technology, Office of Geographic Information.

East Fort, KY 1973
USGS 7.5 minute series digital topographic quadrangle. Map R33, Governor's Office for Technology, Office of Geographic Information.

LEGEND
Study Boundary
Alluvial Soils
EkB
HcB
Hg
Hu
Me
Ne
No
Rf

QUADRANGLE LOCATION

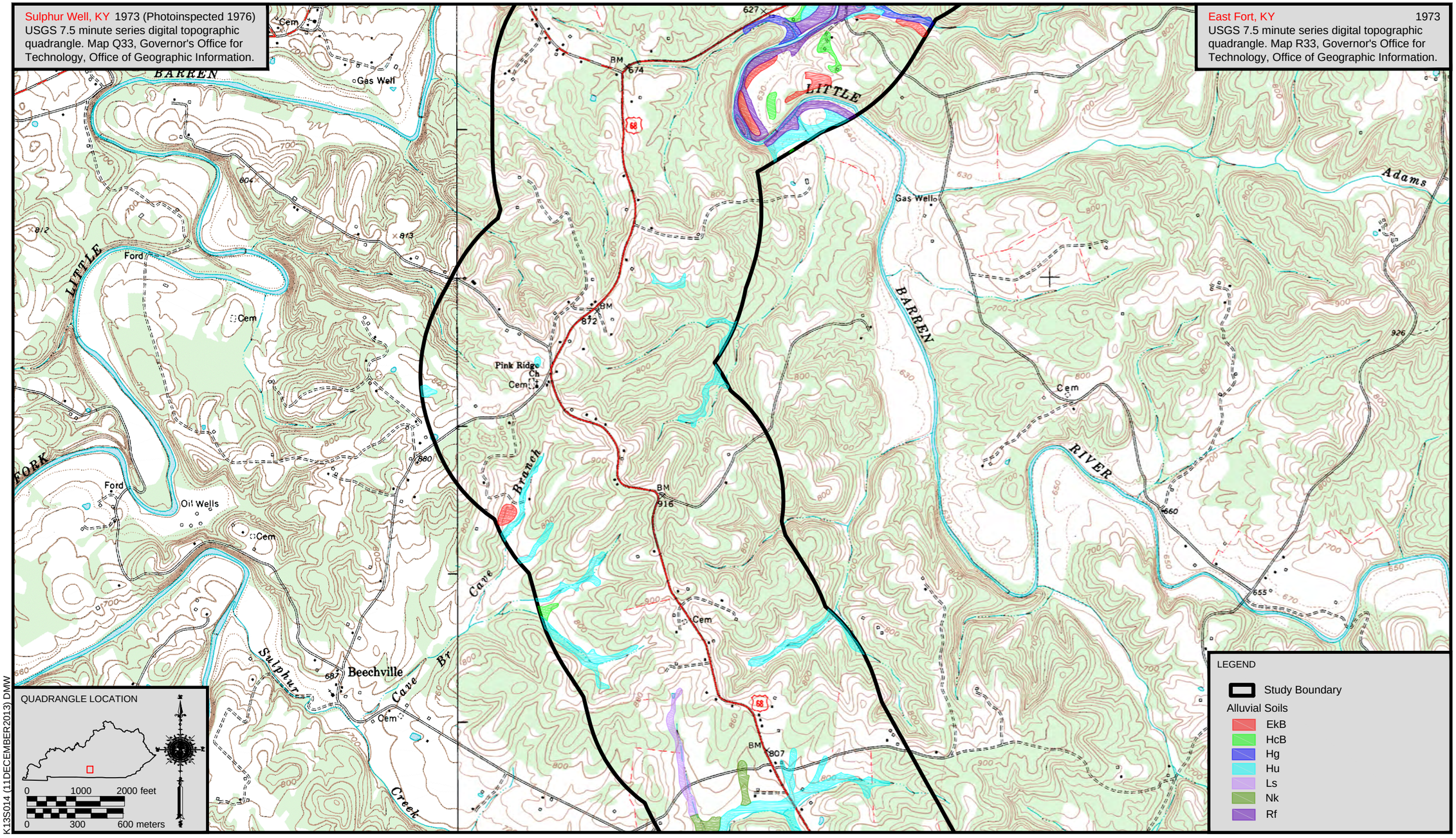
0 1000 2000 feet
0 300 600 meters

K13S014 (11DECEMBER2013) DMW

Figure 2e. Topographic quadrangle map showing the locations of alluvial soils within study area.

Sulphur Well, KY 1973 (Photoinspected 1976)
USGS 7.5 minute series digital topographic quadrangle. Map Q33, Governor's Office for Technology, Office of Geographic Information.

East Fort, KY 1973
USGS 7.5 minute series digital topographic quadrangle. Map R33, Governor's Office for Technology, Office of Geographic Information.



K13S014 (11DECEMBER2013) DMW

Figure 2f. Topographic quadrangle map showing the locations of alluvial soils within study area.

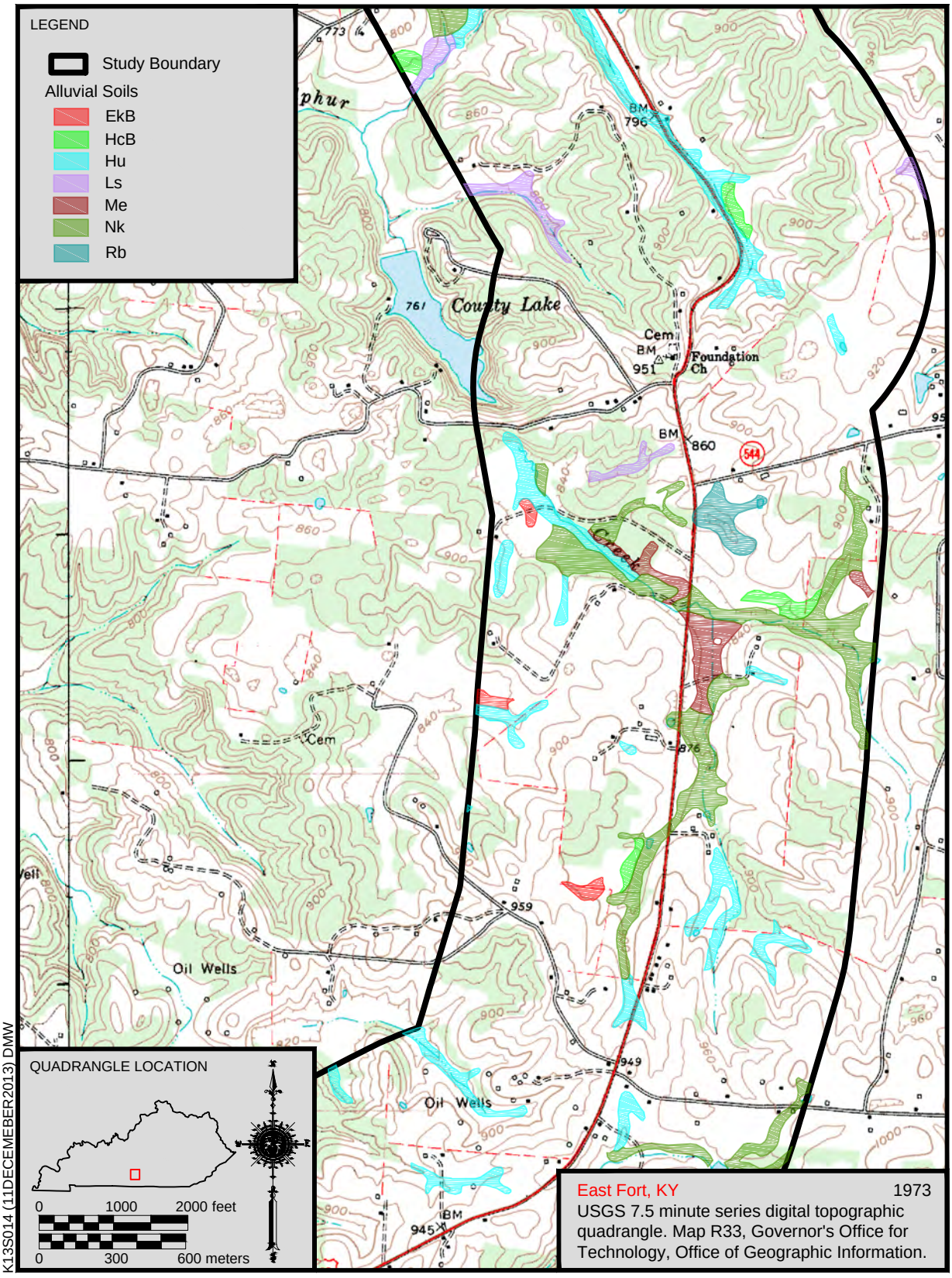


Figure 2g. Topographic quadrangle map showing the locations of alluvial soils within study area.

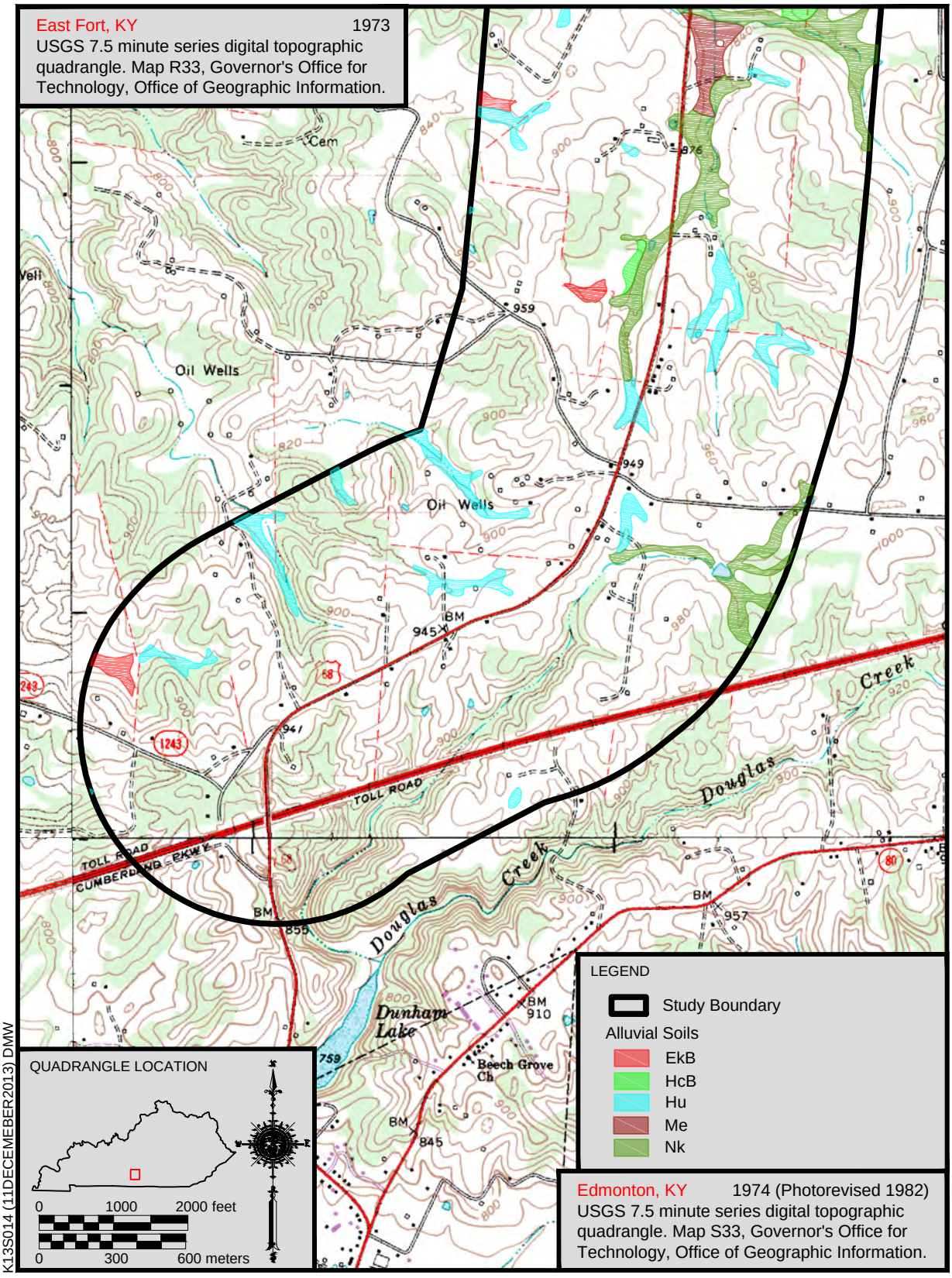


Figure 2h. Topographic quadrangle map showing the locations of alluvial soils within study area.

Table 4. Selected Soil Series Information. See Figure 2 for Corresponding Soil Codes.

Floodplain and Terrace Soils

Type	Series	Landform	Flooding	Drainage	Description	Age	Acreage
EkB: Elk silt loam, 2 to 6 percent slopes	Elk	stream terraces on valleys	Occasional	Well drained	Fine-silty, mixed, active, mesic Ultic Hapludalfs	late Pleistocene deposits or surfaces	34.47
HcB: Humphreys cherty silt loam, 2 to 6 percent slopes	Humphreys	stream terraces on valleys	Rare	Well drained	Fine-loamy, siliceous, semiactive, thermic Ultic Hapludalfs	late Pleistocene deposits or surfaces	20.49
Hg: Huntington gravelly silt loam (sensabaugh)	Sensabaugh	flood plains on valleys	Occasional	Well drained	Fine-loamy, mixed, semiactive, mesic Dystric Fluventic Eutrudepts	typcailly formed in Holocene deposits	24.28
Hu: Huntington silt loam	Huntington	flood plains on valleys	Occasional	Well drained	Fine-silty, mixed, active, mesic Fluventic Hapludolls	Holocene deposits with buried soils common	181.58
Ls: Lindside silt loam	Lindside	flood plains on valleys	Occasional	Moderately well drained	Fine-silty, mixed, active, mesic Fluvaquentic Eutrudepts	developed in Holocene or late Pleistocene age deposits	25.05
Me: Melvin silt loam	Melvin	flood plains on valleys	Occasional	Poorly drained	Fine-silty, mixed, active, nonacid, mesic Fluvaquentic Endoaquepts	developed mostly in Holocene deposits	17.55
Nk: Newark silt loam	Newark	flood plains on valleys	Occasional	Somewhat poorly drained	Fine-silty, mixed, active, nonacid, mesic Fluventic Endoaquepts	typcailly developed in Holcoene deposits	101.76
Rb: Robertsville silt loam	Robertsville	stream terraces on valleys	Occasional	Poorly drained	Fine-silty, mixed, semiactive, mesic Typic Fragiaqualfs	late Pleistocene age deposits	9.51
Rf: Robinsonville fine sandy loam	Robinsonville	flood plains on valleys	Occasional	Well drained	Coarse-loamy, mixed, superactive, nonacid, thermic Typic Udifluvents	from a few years to a few hundred years in age	54.39
ElB: Elk silt loam, 2 to 6 percent slopes	Elk	stream terraces on valleys	Rare	Well drained	Fine-silty, mixed, active, mesic Ultic Hapludalfs	late Pleistocene deposits or surfaces	53.38
ElC: Elk silt loam, 6 to 12 percent slopes	Elk	stream terraces on valleys	Rare	Well drained	Fine-silty, mixed, active, mesic Ultic Hapludalfs	late Pleistocene deposits or surfaces	76.73
Me: Melvin silt loam	Melvin	flood plains on valleys, drainageways on uplands	Occasional	Poorly drained	Fine-silty, mixed, active, nonacid, mesic Fluvaquentic Endoaquepts	developed in late Pleistocene or younger deposits	240.53
Mh: Morehead silt loam	Morehead	stream terraces on valleys	Rare	Somewhat poorly drained	Fine-silty, mixed, semiactive, mesic Aquic Hapludults	late Pleistocene to Pliocene or older deposits or surfaces	137.46
Ne: Newark silt loam	Newark	flood plains on valleys, depressions on uplands	Occasional	Somewhat poorly drained	Fine-silty, mixed, active, nonacid, mesic Fluventic Endoaquepts	developed in late Pleistocene or younger deposits	383.97
No: Nolin silt loam	Nolin	flood plains on valleys, depressions on uplands	Occasional	Well drained	Fine-silty, mixed, active, mesic Dystric Fluventic Eutrudepts	Holocene or late Pleistocene deposits	600.5

Slope, Upland, and Old Terrace Soils

Type	Series	Landform	Flooding	Drainage	Description	Age
BaB: Baxter cherty silt loam, 2 to 6 percent slopes	Baxter	ridges on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age
BaB2: Baxter cherty silt loam, 2 to 6 percent slopes, eroded	Baxter	ridges on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age
BaC: Baxter cherty silt loam, 6 to 12 percent slopes	Baxter	ridges on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age
BaC2: Baxter cherty silt loam, 6 to 12 percent slopes, eroded	Baxter	ridges on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age
BaD: Baxter cherty silt loam, 12 to 20 percent slopes	Baxter	hills on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age
BaD2: Baxter cherty silt loam, 12 to 20 percent slopes, eroded	Baxter	hills on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age
BaE: Baxter cherty silt loam, 20 to 30 percent slopes	Baxter	hills on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age
BaE2: Baxter cherty silt loam, 20 to 30 percent slopes, eroded	Baxter	hills on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age
BcC3: Baxter cherty silty clay loam, 6 to 12 percent slopes, severely eroded	Baxter	ridges on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age
BcD3: Baxter cherty silty clay loam, 12 to 20 percent slopes, severely eroded	Baxter	hills on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age
BeC2: Baxter-Talbott rocky silt loams, 6 to 12 percent slopes, eroded (baxter, caneyville rocky)	Baxter	ridges on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age
BeD2: Baxter-Talbott rocky silt loams, 12 to 20 percent slopes, eroded (baxter, caneyville rocky)	Baxter	hills on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age
BeE2: Baxter-Talbott rocky silt loams, 20 to 30 percent slopes, eroded (baxter, caneyville rocky)	Baxter	hills on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age
BfD3: Baxter-Talbott rocky silty clay loams, 12 to 20 percent slopes, severely eroded (baxter, caneyville rocky)	Baxter	hills on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age
BoD: Bodine cherty silt loam, 12 to 20 percent slopes	Bodine	hills on uplands	None	Somewhat excessively drained	Loamy-skeletal, siliceous, semiactive, thermic Typic Paleudults	stable land surfaces of Pliocene to late Pleistocene age or older
BoE: Bodine cherty silt loam, 20 to 35 percent slopes	Bodine	hills on uplands	None	Somewhat excessively drained	Loamy-skeletal, siliceous, semiactive, thermic Typic Paleudults	stable land surfaces of Pliocene to late Pleistocene age or older
CaE: Caneyville rocky complex, 20 to 30 percent slopes	Caneyville	hills on uplands	None	Well drained	Fine, mixed, active, mesic Typic Hapludalfs	late Pleistocene deposits or surfaces
CaE3: Caneyville rocky complex, 20 to 30 percent slopes, severely eroded	Caneyville	hills on uplands	None	Well drained	Fine, mixed, active, mesic Typic Hapludalfs	late Pleistocene deposits or surfaces
CaF: Caneyville rocky complex, 30 to 50 percent slopes	Caneyville	hills on uplands	None	Well drained	Fine, mixed, active, mesic Typic Hapludalfs	late Pleistocene deposits or surfaces
CbA: Captina silt loam, 0 to 2 percent slopes	Captina	stream terraces on valleys	None	Moderately well drained	Fine-silty, siliceous, active, mesic Typic Fragiudults	Pleistocene to late Pliocene or older

Slope, Upland, and Old Terrace Soils

Type	Series	Landform	Flooding	Drainage	Description	Age
CbB: Captina silt loam, 2 to 6 percent slopes	Captina	stream terraces on valleys	None	Moderately well drained	Fine-silty, siliceous, active, mesic Typic Fragiudults	Pleistocene to late Pliocene or older
CcD3: Christian clay loam, 6 to 20 percent slopes, severely eroded	Christian	hills on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Hapludults	Surfaces of at least Pleistocene age
CdB: Christian loam, 2 to 6 percent slopes	Christian	ridges on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Hapludults	Surfaces of at least Pleistocene age
CdC2: Christian loam, 6 to 12 percent slopes, eroded	Christian	ridges on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Hapludults	Surfaces of at least Pleistocene age
CdD2: Christian loam, 12 to 20 percent slopes, eroded	Christian	hills on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Hapludults	Surfaces of at least Pleistocene age
CeD: Christian rocky soils, 12 to 20 percent slopes (caneyville rocky)	Caneyville	hills on uplands	None	Well drained	Fine, mixed, active, mesic Typic Hapludalfs	late Pleistocene deposits or surfaces
CkB: Clarksville cherty silt loam, 2 to 6 percent slopes	Clarksville	ridges on uplands	None	Well drained	Loamy-skeletal, siliceous, semiactive, mesic Typic Paleudults	stable land surfaces of Pliocene to late Pleistocene age or older
CkC: Clarksville cherty silt loam, 6 to 12 percent slopes	Clarksville	ridges on uplands	None	Well drained	Loamy-skeletal, siliceous, semiactive, mesic Typic Paleudults	stable land surfaces of Pliocene to late Pleistocene age or older
CkC2: Clarksville cherty silt loam, 6 to 12 percent slopes, eroded	Clarksville	ridges on uplands	None	Well drained	Loamy-skeletal, siliceous, semiactive, mesic Typic Paleudults	stable land surfaces of Pliocene to late Pleistocene age or older
CkD2: Clarksville cherty silt loam, 12 to 20 percent slopes, eroded	Clarksville	hills on uplands	None	Well drained	Loamy-skeletal, siliceous, semiactive, mesic Typic Paleudults	stable land surfaces of Pliocene to late Pleistocene age or older
CkE2: Clarksville cherty silt loam, 20 to 30 percent slopes, eroded	Clarksville	hills on uplands	None	Well drained	Loamy-skeletal, siliceous, semiactive, mesic Typic Paleudults	stable land surfaces of Pliocene to late Pleistocene age or older
CrB: Crider silt loam, 2 to 6 percent slopes	Crider	ridges on uplands	None	Well drained	Fine-silty, mixed, active, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age or older
CrB2: Crider silt loam, 2 to 6 percent slopes, eroded	Crider	ridges on uplands	None	Well drained	Fine-silty, mixed, active, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age or older
CrC2: Crider silt loam, 6 to 12 percent slopes, eroded	Crider	ridges on uplands	None	Well drained	Fine-silty, mixed, active, mesic Typic Paleudalfs	on surfaces of Sangamon Interglacial age or older
DkB: Dickson silt loam, 2 to 6 percent slopes	Dickson	ridges on uplands	None	Moderately well drained	Fine-silty, siliceous, semiactive, thermic Glossic Fragiudults	Pleistocene to late Pliocene or older
DkB2: Dickson silt loam, 2 to 6 percent slopes, eroded	Dickson	ridges on uplands	None	Moderately well drained	Fine-silty, siliceous, semiactive, thermic Glossic Fragiudults	Pleistocene to late Pliocene or older
HcC: Humphreys cherty silt loam, 6 to 12 percent slopes	Humphreys	stream terraces on valleys	None	Well drained	Fine-loamy, siliceous, semiactive, thermic Ultic Hapludalfs	late Pleistocene deposits or surfaces
HcC2: Humphreys cherty silt loam, 6 to 12 percent slopes, eroded	Humphreys	stream terraces on valleys	None	Well drained	Fine-loamy, siliceous, semiactive, thermic Ultic Hapludalfs	late Pleistocene deposits or surfaces

Slope, Upland, and Old Terrace Soils

Type	Series	Landform	Flooding	Drainage	Description	Age
LdB: Landisburg silt loam, 2 to 6 percent slopes (captina)	Captina	stream terraces on valleys	None	Moderately well drained	Fine-silty, siliceous, active, mesic Typic Fragiudults	Pleistocene to late Pliocene or older
MoB: Mountview silt loam, 2 to 6 percent slopes	Mountview	ridges on uplands	None	Well drained	Fine-silty, siliceous, semiactive, thermic Oxyaquic Paleudults	stable land surfaces of Pliocene to late Pleistocene age or older
MoC2: Mountview silt loam, 6 to 12 percent slopes, eroded	Mountview	ridges on uplands	None	Well drained	Fine-silty, siliceous, semiactive, thermic Oxyaquic Paleudults	stable land surfaces of Pliocene to late Pleistocene age or older
PmB: Pembroke silt loam, 2 to 6 percent slopes	Pembroke	ridges on uplands	None	Well drained	Fine-silty, mixed, active, mesic Mollic Paleudalfs	on surfaces of Sangamon Interglacial age or older
PmC2: Pembroke silt loam, 6 to 12 percent slopes, eroded	Pembroke	ridges on uplands	None	Well drained	Fine-silty, mixed, active, mesic Mollic Paleudalfs	on surfaces of Sangamon Interglacial age or older
SaB: Sango silt loam, 2 to 6 percent slopes	Sango	ridges on uplands	None	Moderately well drained	Coarse-silty, siliceous, semiactive, thermic Glossic Fragiudults	on surfaces that range from late Pleistocene to Pliocene or older
Ta: Taft silt loam	Taft	stream terraces on valleys	None	Somewhat poorly drained	Fine-silty, siliceous, semiactive, thermic Glossaquic Fragiudults	Pleistocene to late Pliocene or older
TbC: Talbott silt loam, 6 to 12 percent slopes (caneyville rocky)	Caneyville	ridges on uplands	None	Well drained	Fine, mixed, active, mesic Typic Hapludalfs	late Pleistocene deposits or surfaces
TcC2: Talbott silty clay loam, 6 to 12 percent slopes, eroded (caneyville rocky)	Caneyville	ridges on uplands	None	Well drained	Fine, mixed, active, mesic Typic Hapludalfs	late Pleistocene deposits or surfaces
DaD: Dandridge and Westmoreland shaly silt loams, 12 to 20 percent slopes (dandridge, garmon)	Dandridge	hills on uplands	None	Well drained	Clayey-skeletal, mixed, active, mesic, shallow Ruptic-Alfic Eutrudepts	
DaF: Dandridge and Westmoreland shaly silt loams, 20 to 50 percent slopes (dandridge, garmon)	Dandridge	hills on uplands	None	Well drained	Clayey-skeletal, mixed, active, mesic, shallow Ruptic-Alfic Eutrudepts	
DbF3: Dandridge and Westmoreland shaly silty clay loams, 20 to 50 percent slopes, severely eroded (dandridge, garmon)	Dandridge	hills on uplands	None	Well drained	Clayey-skeletal, mixed, active, mesic, shallow Ruptic-Alfic Eutrudepts	
DcB: Dandridge and Westmoreland silt loams, 2 to 6 percent slopes (dandridge, garmon)	Dandridge	ridges on uplands	None	Well drained	Clayey-skeletal, mixed, active, mesic, shallow Ruptic-Alfic Eutrudepts	
DcC: Dandridge and Westmoreland silt loams, 6 to 12 percent slopes (dandridge, garmon)	Dandridge	ridges on uplands	None	Well drained	Clayey-skeletal, mixed, active, mesic, shallow Ruptic-Alfic Eutrudepts	
DeB: Dewey silt loam, 2 to 6 percent slopes	Dewey	ridges on uplands	None	Well drained	Fine, kaolinitic, thermic Typic Paleudults	
DeC2: Dewey silt loam, 6 to 12 percent slopes, eroded	Dewey	ridges on uplands	None	Well drained	Fine, kaolinitic, thermic Typic Paleudults	
Gu: Gullied land	Gullied land	hills on uplands				
Rk: Rock land (rock outcrop)	Rock outcrop	hills on uplands				
W: Water	Water					

Slope, Upland, and Old Terrace Soils

Type	Series	Landform	Flooding	Drainage	Description	Age
CaC: Caneyville silt loam, very rocky, 6 to 20 percent slopes	Caneyville	ridges on uplands	None	Well drained	Fine, mixed, active, mesic Typic Hapludalfs	late Pleistocene deposits or surfaces
CaE: Caneyville-Frederick silt loams, very rocky, 20 to 30 percent slopes	Caneyville	hills on uplands	None	Well drained	Fine, mixed, active, mesic Typic Hapludalfs	late Pleistocene deposits or surfaces
DcB: Dickson silt loam, 2 to 6 percent slopes	Dickson	ridges on uplands	None	Moderately well drained	Fine-silty, siliceous, semiactive, thermic Glossic Fragiudults	Pleistocene to late Pliocene or older
FkC: Frankstown silt loam, 6 to 12 percent slopes	Frankstown	ridges on uplands	None	Well drained	Fine-loamy, mixed, semiactive, mesic Typic Hapludults	Surfaces of at least Pleistocene age
FkD: Frankstown silt loam, 12 to 20 percent slopes	Frankstown	hills on uplands	None	Well drained	Fine-loamy, mixed, semiactive, mesic Typic Hapludults	Surfaces of at least Pleistocene age
FkE: Frankstown silt loam, 20 to 30 percent slopes	Frankstown	hills on uplands	None	Well drained	Fine-loamy, mixed, semiactive, mesic Typic Hapludults	Surfaces of at least Pleistocene age
GaF: Garmon-Shelocta complex, 25 to 60 percent slope	Garmon	hills on uplands	None	Well drained	Coarse-loamy, mixed, semiactive, mesic Dystric Eutrudepts	developed in Holocene or late Pleistocene age deposits
LoF: Lowell-Caneyville silt loams, very rocky, 30 to 60 percent slopes	Lowell	hills on uplands	None	Well drained	Fine, mixed, active, mesic Typic Hapludalfs	late Pleistocene deposits or surfaces
MoB: Mountview silt loam, 2 to 6 percent slopes	Mountview	ridges on uplands	None	Well drained	Fine-silty, siliceous, semiactive, thermic Oxyaquic Paleudults	stable land surfaces of Pliocene to late Pleistocene age or older
NdC: Needmore silty clay, 6 to 12 percent slopes, severely eroded	Needmore	ridges on uplands	None	Well drained	Fine, mixed, active, mesic Ultic Hapludalfs	late Pleistocene deposits or surfaces
OtB: Otwell silt loam, 2 to 6 percent slopes	Otwell	stream terraces on valleys	None	Moderately well drained	Fine-silty, mixed, active, mesic Oxyaquic Fragiudalfs	largely of late Pleistocene age
Ta: Taft silt loam	Taft	drainageways on uplands, depressions on uplands	None	Somewhat poorly drained	Fine-silty, siliceous, semiactive, thermic Glossaquic Fragiudults	Pleistocene to late Pliocene or older
FrB: Frederick silt loam, 2 to 6 percent slopes	Frederick	ridges on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudults	
FrC: Frederick silt loam, 6 to 12 percent slopes	Frederick	ridges on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudults	
FrD: Frederick silt loam, 12 to 20 percent slopes	Frederick	hills on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudults	
FrE: Frederick silt loam, 20 to 30 percent slopes	Frederick	hills on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudults	
FsD3: Frederick silty clay loam, 12 to 20 percent slopes, severely eroded	Frederick	hills on uplands	None	Well drained	Fine, mixed, semiactive, mesic Typic Paleudults	
Pt: Pits	Pits		None			
W: Water	Water					

They have the potential to contain deeply buried and intact archaeological deposits on level floodplain or terrace landforms (Soil Survey Staff 1999:555–557). These soils are only found within the study area on the floodplain and low terraces of the East Fork of the Little Barren River (see Figure 2).

The Bodine, Captina, Christian, Clarksville, Dewey, Dickson, Frankstown, Frederick, Morehead, Mountview, Sango, and Taft series are classified as Ultisols. Ultisols formed in completely weathered colluvium or residuum of the underlying bedrock that occurred on late Pleistocene or older surfaces. They are found on nearly level to very steep landforms. Ultisols may have buried and intact archaeological deposits as a result of colluvium, depending upon the landform on which they formed (e.g., footslope vs. bench), although most deposits contained in these soils will be on or near the surface. The potential for buried cultural material for the locations mapped with these soils is low.

The Robinsonville series are classified as Entisols. Entisols are sandy soils that formed very recently in unconsolidated parent material and have not been in place long enough for pedogenic processes to form distinctive horizons except an A horizon. They are located on steep, actively eroding slopes or on floodplains or glacial outwash plains that frequently receive new deposits of alluvium (Soil Survey Staff 1999:389–391). Because of their recent age, Entisols rarely have buried and intact prehistoric archaeological deposits.

Summary and Recommendations

The OSA review indicated that 13 archaeological sites are located within the study area and that they were recorded during 13 previous archaeological surveys (see Table 1). All of the surveys and sites are located in Green County in the northern extent of the study area near Greensburg (see Figure 1). Very little of the study area has been covered by the previously conducted archaeological surveys. Of the 13 surveys, only 4 were conducted within the past 10 years. Therefore, it is recommended that any areas that may be disturbed in future proposed construction have not been covered by any survey, or surveyed according to the current field methods required by current SHPO specifications, be subjected to a new survey.

All of the 13 archaeological sites are located in Green County. It should be noted that this is likely more reflective of the lack of surveys within the study area in Metcalfe County rather than the absence of archaeological sites. The records search revealed that 2 of the 13 sites are historic farm/residences, 3 sites are multi-component prehistoric open habitations and historic farm/residences, and the remaining 8 sites are prehistoric open habitations without mounds. The two historic sites are both historic residences located in the city of Greensburg. The OSA data indicates that Site 15Gn35 is listed in the NRHP, although the NRHP database does not indicate it is listed. However, the NRHP database does list Site 15Gn100 (Greensburg Academy). Site 15Gn35 was subjected to screened shovel testing and backhoe trenching in 2003, and the portion of the site to be impacted was determined to be not eligible. There were historic cultural deposits dating to as early as the mid-nineteenth century and outside of the proposed impacts that were considered potentially eligible. These areas were recommended for avoidance or monitoring if there were future ground disturbing activities. Little is known about the archaeological remains or methods employed in its recordation. Both of these historic archaeological sites are thought to be eligible or potentially eligible for listing in the NHRP. The historic components at Sites 15Gn25 and 15Gn34 date from 1900 to 2000 and 1851 to 1950 (respectively). Both of these multi-component sites were recommended not eligible for inclusion in the NRHP. The last site with a historic component is Site 15Gn31, which will be discussed further below.

The sites that contained prehistoric components (15Gn5, 15Gn21, 15Gn25, 15Gn27, 15Gn31, 15Gn33, 15Gn34, 15Gn36, 15Gn40, 15Gn44, and 15Gn302) all are open habitation without mounds sites. Only two sites, 15Gn31 and 15Gn40, had identified components other than indeterminate

prehistoric. Site 15Gn31 contained prehistoric materials dating from the Early Archaic to Late Archaic time periods, and Site 15Gn40 contained a possible Early Archaic cultural affiliation.

The majority of the prehistoric components were light lithic scatters that were recommended not eligible for inclusion in the NRHP. Four of the prehistoric component sites (15Gn5, 15Gn31, 15Gn36, and 15Gn40) have not been assessed for the NRHP. Site 15Gn5 was documented in the 1930s and has not been evaluated for the NRHP. As mentioned above, Site 15Gn31 is a multi-component nineteenth-century (1801–1900) historic farm/residence and prehistoric open habitation without mounds dating from the Early Archaic to Late Archaic subperiods. The 1995 documentation of the site indicated that it has potential for sub-plow zone features, and avoidance or further testing was recommended on both the prehistoric and historic components. Site 15Gn36 and 15Gn40 are both prehistoric open habitations without mounds. The 2003 documentation of these sites found evidence of potential buried deposits at both sites, and avoidance was recommended.

If future plans are proposed that impact the four above sites that have not yet been assessed, the sites would likely need to be revisited and reassessed, and potentially subjected to NRHP testing. However, aerial photos suggest that the majority of Site 15Gn5 has been disturbed by industrial and commercial buildings such as a gas station, car repair shop, and lumber yard. Given that field methods used when they were documented are different than those required by the SHPO specifications today, the other sites that were not recommended for further work would also likely need to be revisited and reassessed. As with Site 15Gn5, some of these other sites might have been disturbed after they were recorded as well, and they may only need to be revisited to check their current condition.

The records review of the known sites located in Green and Metcalfe Counties suggests that the majority of archaeological sites that could be found within the study area are prehistoric open habitation without mounds. However, a wide variety of site types have been documented in the counties. The analysis of landform data suggests that most archaeological sites in the area have been found on upland landforms. As the majority of the project is located on uplands, it is likely that some of these landforms may contain archaeological sites. However, taking into account the known sites within the study area, many of the prehistoric upland sites are found in relative proximity to river and creek valleys and their confluence. As such, it is expected that a higher occurrence of sites may be found near the Green River and its tributary valleys such as Russell Creek, Dry Branch, and Clover Lick Creek.

Historic maps suggest the presence of a high number of possible historic archaeological sites. The mid-twentieth-century topographic maps identified over 500 isolated historic residences, farm complexes, or outbuildings within the study area but outside of the Greensburg city limits. A large majority of the potential historic sites are located adjacent to the current U.S. 68 roadway and are the same structures represented on the current topographic maps of the area. Many of the possible historic sites likely date to the twentieth century, although some could date as early as the early to mid-nineteenth century based on NRHP-listed structures, known archaeological sites, and the overall history of the area. It is possible that all of these map structures could produce archaeological remains, and the potential for historic archaeological sites within the study area is considered high. However, many of these historic sites may be disturbed due to modern developments or occupations. Due to the lack of available maps dating prior to the mid-twentieth century, it is uncertain how many of these potential historic sites may have earlier nineteenth-century historic components. If further predictions of nineteenth- or early-twentieth-century historic sites are necessary, it is recommended that a windshield survey be conducted to determine their presence and level of disturbance.

The same mid-twentieth-century maps identified 13 historic cemeteries (see Figure 1). It is recommended that these cemeteries be avoided or documented according to *Specifications for Conducting Fieldwork and Preparing Cultural Resource Assessment Reports* (Sanders 2006).

The cultural historic records review revealed 18 previously recorded cultural historic sites, 1 historic bridge, and 1 cultural historic district. The majority of these cultural historic resources are located within the city of Greensburg, and the potential construction disturbance to these structures from the current project may be considered low. However, cultural historic resources may be affected by any future construction, dependent on the type and location of that construction. Therefore, it is recommended that once the type and location of construction are established, an appropriate area of potential effect be determined and a survey be conducted if necessary. In addition, the three known cultural historic sites (Whitlock Log Cabin, Mud Brick House in Greensburg, and Brents-Lisle House) outside of the city of Greensburg also likely contain previously unrecorded nineteenth-century archaeological deposits. These areas should be considered high potential when using predictive modeling.

The current study area is located on elevations ranging between 165 m (540 ft) and 299 m (980 ft) AMSL, although the majority of the study area is located at elevations above 183 m (600 ft) AMSL. Therefore, most of the landforms were formed during the Late Pleistocene or before; approximately 88 percent of the landforms within the study area were formed during the Late Pleistocene or before (see Table 5). However, there are sections of Mollisol and Inceptisol series soils that were potentially formed during the Holocene and may contain deeply buried cultural deposits (see Figure 2). These areas included the floodplain and low terraces of the Green River, Russell Creek, Dry Branch, Greasy Creek, Caney Fork, East Fork Barren River, Sulphur Creek, and Clover Lick Creek. It is recommended that these areas undergo deep testing, including but not limited to bucket auger probes, if they are going to be affected by any potential future construction. Any sites found within buried deposits on these landforms are more likely to be considered eligible for the NRHP than sites found on upland landforms (see Figure 2). Some minor drainages also exhibit these same alluvial soils, although they are less likely to have stable landforms capable of deeply buried cultural deposits.

The low occurrence of documented archaeological resources within the study area and the counties as a whole makes it difficult to define specific red flag areas. In general, historic sites are found along the main arterial routes throughout the study area, while prehistoric sites have been found on ridgetops, terraces, and floodplains in the northern extent of the study area near the Green River. Overall, the study area has a high potential to produce both prehistoric and historic archaeological sites. Furthermore, some of these sites have the potential to be significant and thus eligible for inclusion in the NRHP. The NRHP data indicates that most of the significant standing structures will be located in Greensburg, although the three NRHP-listed structures located outside of Greensburg may be significant historical archaeological sites as well. Significant prehistoric sites could be found on any of the alluvial landforms noted in Figure 2, but also on ridgetops overlooking major rivers or creeks.

Table 5. Landforms Classified by Age within the Study Area.

Topography	Acres	Percent
Floodplain and Terrace (Based on Soils)	1961.64	11.59%
Upland, and Old Terrace (Based on Soils)	14967.99	88.41%
Total	16929.63	100%

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Appendix D

EDR® Report

US 68 Greensburg, KY
216 South Main Street
Greensburg, KY 42743

Inquiry Number: 3799202.2s
December 02, 2013

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

216 SOUTH MAIN STREET
GREENSBURG, KY 42743

COORDINATES

Latitude (North):	37.2575000 - 37° 15' 27.00''
Longitude (West):	85.5033000 - 85° 30' 11.88''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	632727.4
UTM Y (Meters):	4124284.0
Elevation:	573 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	37085-C5 SUMMERSVILLE, KY
Most Recent Revision:	1961
East Map:	37085-C4 GREENSBURG, KY
Most Recent Revision:	1987
Southeast Map:	37085-B4 GRESHAM, KY
Most Recent Revision:	1987
South Map:	37085-B5 EXIE, KY
Most Recent Revision:	1987

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2012
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

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

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

CERCLIS ---------- Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ---------- CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROL ---------- Sites with Institutional Controls
LUCIS ---------- Land Use Control Information System

Federal ERNS list

ERNS ---------- Emergency Response Notification System

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

SWF/LF ---------- Solid Waste Facilities List

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

PSTEAF ..... Facility Ranking List
INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

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

State and tribal institutional control / engineering control registries

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

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

BROWNFIELDS ..... Kentucky Brownfield Inventory

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs
CDL ..... Clandestine Drub Lab Location Listing
US HIST CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
SPILLS ..... State spills

Other Ascertainable Records

DOT OPS ..... Incident and Accident Data

EXECUTIVE SUMMARY

DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
US MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
RMP	Risk Management Plans
UIC	UIC Information
DRYCLEANERS	Drycleaner Listing
NPDES	Permitted Facility Listing
AIRS	Permitted Airs Facility Listing
LEAD	Environmental Lead Program Report Tracking Database
INDIAN RESERV	Indian Reservations
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
PCB TRANSFORMER	PCB Transformer Registration Database
COAL ASH DOE	Steam-Electric Plant Operation Data
PRP	Potentially Responsible Parties
US AIRS	Aerometric Information Retrieval System Facility Subsystem
COAL ASH	Coal Ash Disposal Sites
Financial Assurance	Financial Assurance Information Listing
LEAD SMELTERS	Lead Smelter Sites
2020 COR ACTION	2020 Corrective Action Program List
EPA WATCH LIST	EPA WATCH LIST
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Protection's Uncontrolled Site Branch List.

A review of the SHWS list, as provided by EDR, and dated 09/23/2013 has revealed that there are 4 SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MOSS PROPERTY Facility Status: Closed	***103 WEST LOCUST STREET***	***E 1/2 - 1 (0.529 mi.)***	***19***	***43***
INDIANA HARDWOODS - GREENSBURG Facility Status: Closed	***513 N DEPOT ST***	***NE 1/2 - 1 (0.700 mi.)***	***20***	***43***
CLARK CASUAL FURNITURE INC Facility Status: Closed	214 INDUSTRIAL ROAD	SSE 1/2 - 1 (0.886 mi.)	21	45

Lower Elevation	Address	Direction / Distance	Map ID	Page
KTC GREEN CO MAINT GARAGE Facility Status: Closed	***521 COLUMBIA RD***	***S 0 - 1/8 (0.108 mi.)***	***A2***	***7***

State and tribal leaking storage tank lists

SB193: 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.

A review of the SB193 list, as provided by EDR, and dated 09/05/2006 has revealed that there are 2 SB193 sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COWBOYS 302	***219 S MAIN ST***	***NNE 1/8 - 1/4 (0.193 mi.)***	***B10***	***20***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GREENSBURG CITGO	***531 COLUMBIA HWY***	***S 1/8 - 1/4 (0.130 mi.)***	***A4***	***11***

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Protection's Owner/Facility Report of All Tanks Regardless of Status list.

A review of the UST list, as provided by EDR, and dated 07/18/2013 has revealed that there are 9 UST

sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CONVENIENT FOOD MART 174	***109 E COLUMBIA***	***ENE 1/8 - 1/4 (0.167 mi.)***	***7***	***15***
COWBOYS 302	***219 S MAIN ST***	***NNE 1/8 - 1/4 (0.193 mi.)***	***B10***	***20***
FIVESTAR FOODMART #4432	215 S MAIN ST	NNE 1/8 - 1/4 (0.194 mi.)	B11	23
GREENSBURG FIRESTONE	213 S MAIN	NNE 1/8 - 1/4 (0.195 mi.)	B13	26
GREENSBURG BP	202 S MAIN ST	NNE 1/8 - 1/4 (0.198 mi.)	B14	29
GREENSBURG C O	112 S MAIN ST	NNE 1/8 - 1/4 (0.231 mi.)	C17	37
GREENSBURG NO 4423	111 S MAIN ST	NNE 1/8 - 1/4 (0.232 mi.)	C18	38

Lower Elevation	Address	Direction / Distance	Map ID	Page
GREEN CO STATE MAINTENANCE GAR	521 COLUMBIA RD	S 0 - 1/8 (0.108 mi.)	A3	9
GREENSBURG AUTO SALES	***531 COLUMBIA HWY***	***S 1/8 - 1/4 (0.130 mi.)***	***A5***	***13***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

A review of the SWRCY list, as provided by EDR, and dated 10/16/2013 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GREENSBURG CITGO	***531 COLUMBIA HWY***	***S 1/8 - 1/4 (0.130 mi.)***	***A4***	***11***

Other Ascertainable Records

RCRA NonGen / NLR: 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.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 07/11/2013 has revealed that there are 3 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GREENSBURG MARKETS, INC.	219 SOUTH MAIN STREET	NNE 1/8 - 1/4 (0.193 mi.)	B9	19
GREENSBURG BP	***202 S MAIN ST***	***NNE 1/8 - 1/4 (0.198 mi.)***	***B16***	***35***

Lower Elevation	Address	Direction / Distance	Map ID	Page
GREENSBURG CITGO	***531 COLUMBIA HWY***	***S 1/8 - 1/4 (0.130 mi.)***	***A4***	***11***

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: 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.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 4 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	219 S MAIN ST	NNE 1/8 - 1/4 (0.193 mi.)	B8	18
Not reported	213 S MAIN ST	NNE 1/8 - 1/4 (0.195 mi.)	B12	26
Not reported	202 S MAIN ST	NNE 1/8 - 1/4 (0.198 mi.)	B15	35

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	531 COLUMBIA HWY	S 1/8 - 1/4 (0.130 mi.)	A6	15

EDR US Hist 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.

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

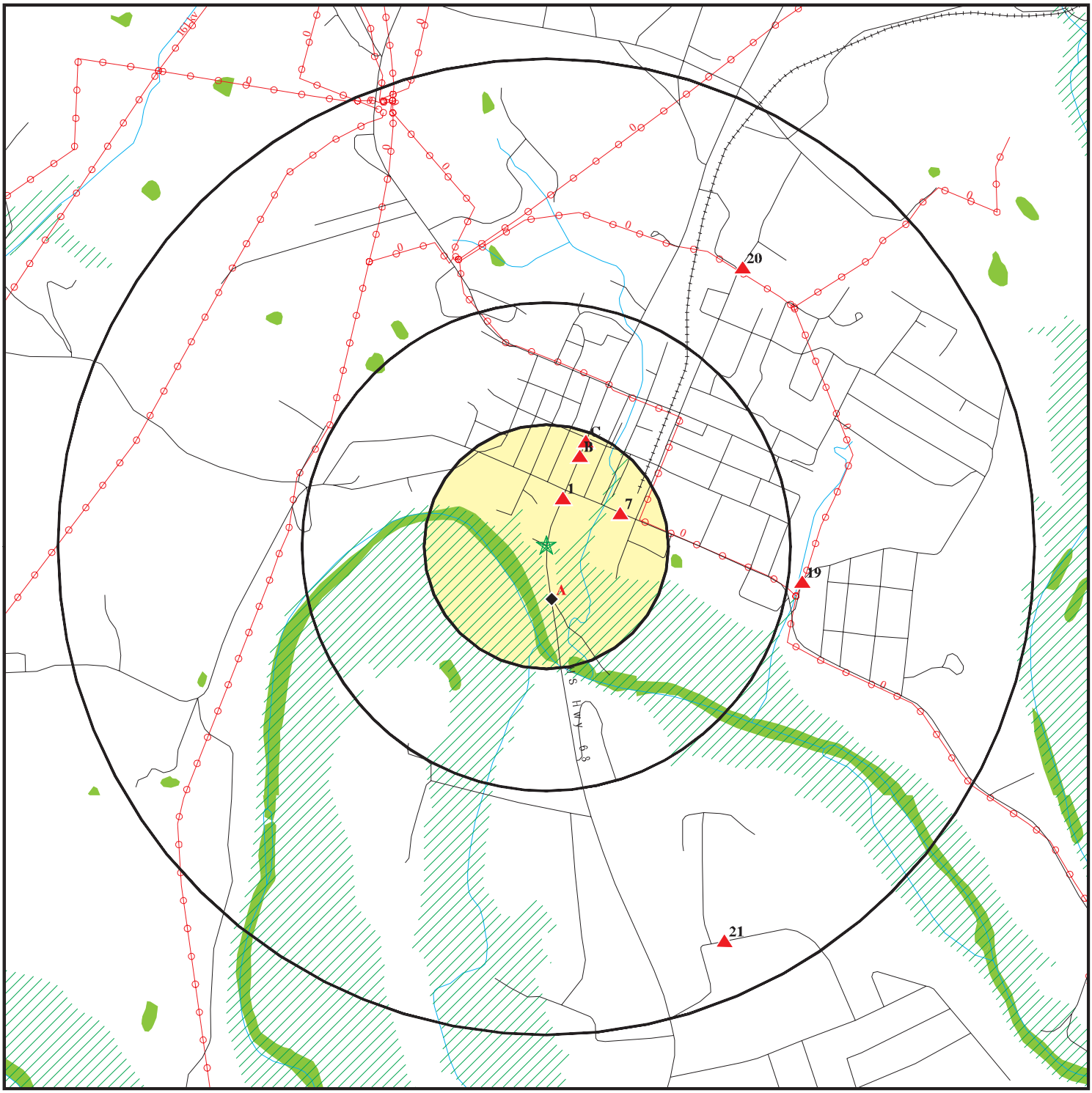
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	407 COLUMBIA HWY	NNE 0 - 1/8 (0.106 mi.)	1	7

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name	Database(s)
GREENSBURG BOTTLING CO	US MINES, FTTS, HIST FTTS, FINDS
BAKER ENERGY TRUCK SPILL	SHWS
LEGION PARK DRUMS	SHWS
KY RSA #4 CELLULAR GP - WEBBS	AIRS
HOUKS GROCERY	UST
WILLIAM H PIERCE ESTATE	UST
FAULKNERS GROCERY	UST
GARRISON CONSTRUCTION CO	UST
JONES PROPERTY	UST, Financial Assurance
JOE H DAVIS	UST
BLOYDS GROCERY	UST
FORMER PHILLIPS 66 CO 040525	UST
BLUE SPRINGS TRADING POST 7751	UST
PIERCE SERVICE	RCRA NonGen / NLR, FINDS
DAVIS GROCERY	RCRA NonGen / NLR, FINDS
BLACK GNAT GROCERY	RCRA NonGen / NLR, FINDS
KENTUCKY DEPARTMENT OF HIGHWAYS MA	RCRA NonGen / NLR, FINDS
DAIRY MART #174	RCRA NonGen / NLR, FINDS
KY RSA #4 CELLULAR GP - WEBBS	FINDS
NALLY & HAYDON SURFACING LLC GREEN	FINDS

OVERVIEW MAP - 3799202.2s



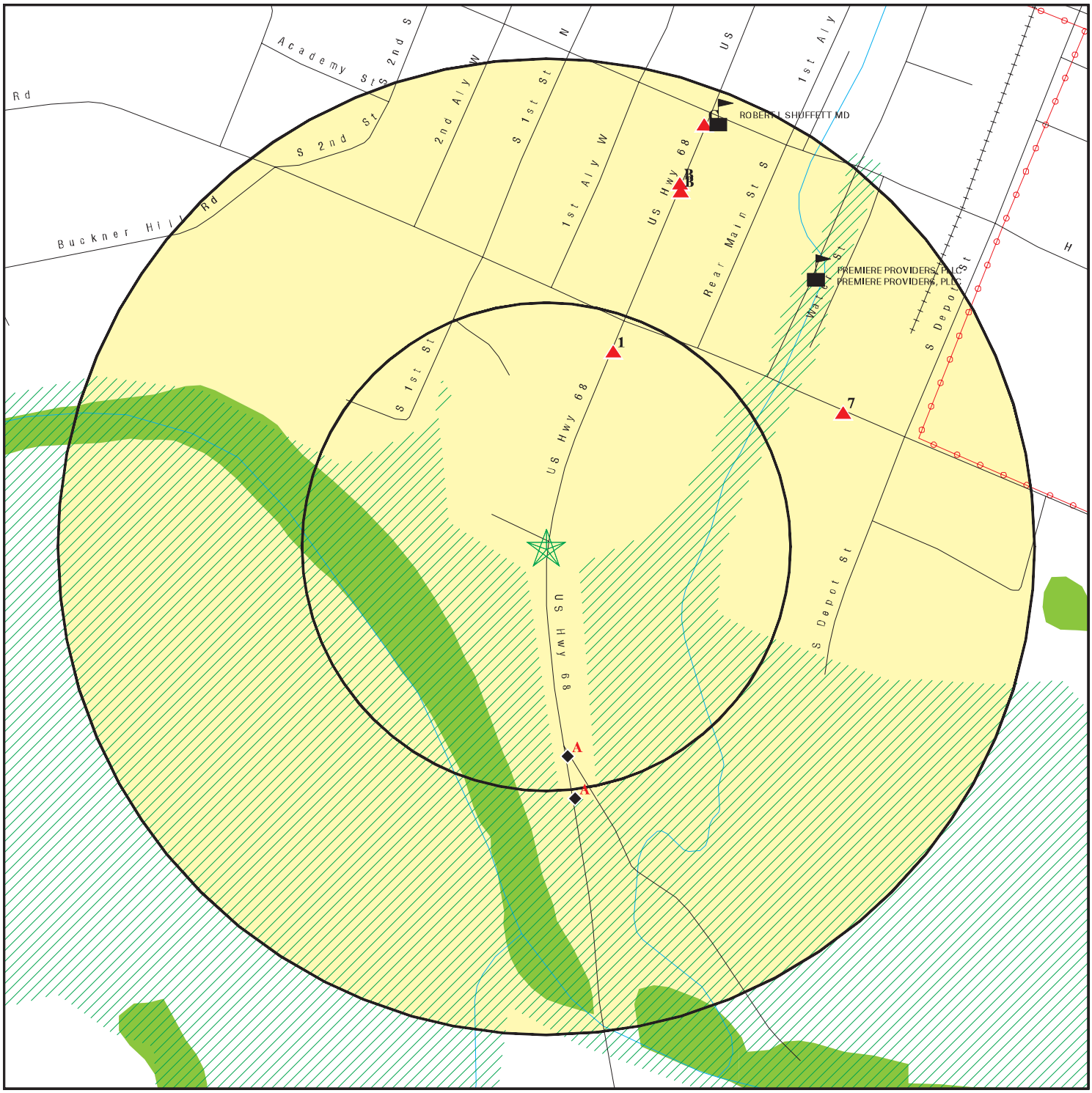
0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

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

SITE NAME:	US 68 Greensburg, KY	CLIENT:	Palmer Engineering
ADDRESS:	216 South Main Street Greensburg KY 42743	CONTACT:	Lee Carolan
LAT/LONG:	37.2575 / 85.5033	INQUIRY #:	3799202.2s
		DATE:	December 02, 2013 2:12 pm

DETAIL MAP - 3799202.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

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

SITE NAME:	US 68 Greensburg, KY	CLIENT:	Palmer Engineering
ADDRESS:	216 South Main Street Greensburg KY 42743	CONTACT:	Lee Carolan
		INQUIRY #:	3799202.2s
LAT/LONG:	37.2575 / 85.5033	DATE:	December 02, 2013 2:15 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		1	0	0	3	NR	4
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
SB193	0.500		0	2	0	NR	NR	2
PSTEAF	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		1	8	NR	NR	NR	9

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	1	0	NR	NR	1
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	3	NR	NR	NR	3
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
LEAD	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	4	NR	NR	NR	4
EDR US Hist Cleaners	0.250		1	0	NR	NR	NR	1

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
NNE
< 1/8
0.106 mi.
559 ft.

407 COLUMBIA HWY
GREENSBURG, KY 42743

EDR US Hist Cleaners **1015056182**
N/A

Relative:
Higher

Actual:
592 ft.

EDR Historical Cleaners:

Name:	SUN SAVVY CLEANERS
Year:	2007
Address:	407 COLUMBIA HWY
Name:	SUN SAVVY CLEANERS
Year:	2008
Address:	407 COLUMBIA HWY
Name:	SUN SAVVY CLEANERS
Year:	2009
Address:	407 COLUMBIA HWY
Name:	SUN SAVVY CLEANERS
Year:	2010
Address:	407 COLUMBIA HWY

A2
South
< 1/8
0.108 mi.
570 ft.

KTC GREEN CO MAINT GARAGE
521 COLUMBIA RD
GREENSBURG, KY 42743
Site 1 of 5 in cluster A

SHWS **S111100113**
SPILLS **N/A**
NPDES

Relative:
Lower

Actual:
561 ft.

SHWS:

Facility Id:	1585
Status:	**Closed**
Description:	(Closed:Restored) Green Co. Maint. & Equip. (KYTC)
Closure Date:	08/17/2006
Longitude:	-85.5049
Latitude:	37.251388
Subject Item County:	Green
Sub Item Longitude:	37.255797
Subject Item Address:	521 Columbia Rd
Subject Item Address2:	Not reported
Subject Item City,St,Zip:	Greensburg, KY 42743
Regulatory Desc:	State Superfund
Closure Option:	Option C Restored
Side SG:	Not reported

SPILLS:

Facility Status:	Env. Closed
Incident Type:	STREAM DEGRADATION,TRANSPORTATION ACCIDENT - BARGE
Received By Staff:	York, Duke (22325)
Received Date:	07/14/2011
Dispatch Description:	Not reported
Source Name:	Telecom
Source Name 2:	Green Co State Maintenance Garage
Source Address:	1585 521 Columbia Rd
Source City:	Greensburg
Source State:	KY
Source Phone Number:	Not reported
Parameter:	Not reported
CAS:	Not reported

KTC GREEN CO MAINT GARAGE (Continued) **S111100113**

Quantity/Units:	Not reported
Other Substances:	Not reported
Organization NameA:	Division of Waste Mgmt
Organization IdA:	1726
Organization NameB:	Not reported
Organization IdB:	Not reported
Organization NameC:	Not reported
Organization IdC:	Not reported
Organization NameD:	Not reported
Organization IdD:	Not reported
Media Impacted:	Not reported

NPDES:

Federal Facility ID:	Not reported
Facility Status:	ACTIVE
KY DES #:	KYG500016
Total App# Design Flow (MGD):	0
Horizontal Collect Method Desc:	Not reported
Facility Addr 2:	Not reported
Inactive Date:	Not reported
Design Capacity:	Not reported
Fee Category:	Not reported
SIC Code:	4173
Lat/Long:	3715050 / -8530180
Lat/Long Method:	A
USGS Hydrologic Basin Code:	5110001
Facility Stream Segment:	Not reported
Facility Mileage Indicator:	Not reported
Basin Code:	516
Basin Code Description:	OR/GREEN R.
DMR Contact:	CHIEF DISTRICT ENGINEER
Contact Telephone:	2707665066
Mailing Address:	KY DEPT OF HWYS DISTRICT 4
Mailing Address 2:	PO BOX 309 634 DIXIE ST
Mailing City,St,Zip:	ELIZABETHTOWN, KY 42701
Permit Issued:	01/24/2003
Permit Expires:	03/31/2008
SIC Code Description:	BUS TERMINAL & SERVICE FACILIT
Reveiving Waters:	CLOVER LICK
Major/Minor:	MINOR
Effective Date:	Not reported
Affiliation Type Desc:	Not reported
Organization Formal Name:	Not reported
Facility Type Desc:	Not reported
State Facility ID:	Not reported
Original Issue Date:	Not reported
Approved For Electronic DMR Submission:	Not reported

A3
South
< 1/8
0.108 mi.
570 ft.

GREEN CO STATE MAINTENANCE GARAGE
521 COLUMBIA RD
GREENSBURG, KY 42743

Site 2 of 5 in cluster A

UST **U003990248**
N/A

Relative:
Lower

Actual:
561 ft.

UST:

Sequence Id:	775044
Facility ID:	1585
Owner Name:	KYTC Environmental Analysis
Owner Address:	200 Mero St 5th Fl
Owner Address2:	Not reported
Owner Address3:	Not reported
Owner City,St,Zip:	Frankfort, KY 40622
Internal Document ID:	0
Latitude:	-85.505
Longitude:	37.251389
Subject Item Id:	1
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1981
Closed In Place Date:	Not reported
Removed Date:	01/04/1996
Capacity in Gallons:	2000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	INV RECORDS/TANK TIGHTNESS TEST
Tank Internal Protection:	NA
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Suction
Pipe Material:	Single Wall Steel
Pipe External Protection:	None
Pipe Release Detection:	LTT
Pipe Rel Detect Suc Code:	ALT
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	2
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1980
Closed In Place Date:	Not reported
Removed Date:	01/04/1996

GREEN CO STATE MAINTENANCE GARAGE (Continued) **U003990248**

Capacity in Gallons:	2000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	INV RECORDS/TANK TIGHTNESS TEST
Tank Internal Protection:	NA
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Suction
Pipe Material:	Single Wall Steel
Pipe External Protection:	None
Pipe Release Detection:	LTT
Pipe Rel Detect Suc Code:	ALT
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

Subject Item Id:	3
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1983
Closed In Place Date:	Not reported
Removed Date:	01/04/1996
Capacity in Gallons:	2000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	DIESEL
Tank Mfg Code:	Not reported
Tank External Protection:	INV RECORDS/TANK TIGHTNESS TEST
Tank Internal Protection:	NA
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Suction
Pipe Material:	Single Wall Steel
Pipe External Protection:	None
Pipe Release Detection:	LTT
Pipe Rel Detect Suc Code:	ALT
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported

GREEN CO STATE MAINTENANCE GARAGE (Continued) **U003990248**

Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	4
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1980
Closed In Place Date:	Not reported
Removed Date:	01/01/1996
Capacity in Gallons:	1000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	INV RECORDS/TANK TIGHTNESS TEST
Tank Internal Protection:	NA
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Suction
Pipe Material:	Single Wall Steel
Pipe External Protection:	None
Pipe Release Detection:	LTT
Pipe Rel Detect Suc Code:	ALT
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

A4 **GREENSBURG CITGO** **RCRA NonGen / NLR** **1001228287**
South **531 COLUMBIA HWY** **FINDS** **KYR000016626**
1/8-1/4 **GREENSBURG, KY** **SWRCY**
0.130 mi. **SB193**
685 ft. **Site 3 of 5 in cluster A**

Relative:
Lower

Actual:
561 ft.

RCRA NonGen / NLR:

Date form received by agency:	07/23/1998
Facility name:	GREENSBURG CITGO
Facility address:	531 COLUMBIA HWY GREENSBURG, KY 42743
EPA ID:	KYR000016626
Mailing address:	COLUMBIA HWY GREENSBURG, KY 42743
Contact:	GARLAND BALL
Contact address:	531 COLUMBIA HWY GREENSBURG, KY 42743
Contact country:	US
Contact telephone:	(502) 465-5211
Contact email:	Not reported

GREENSBURG CITGO (Continued) **1001228287**

EPA Region: 04
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: BALL BROTHERS OIL CO
Owner/operator address: 798 WEST MAIN STREET
LEBANON, KY 40033
Owner/operator country: Not reported
Owner/operator telephone: (502) 465-5211
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110003253014

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

SWRCY:
Facility Type: AUTOMOTIVE SERVICE
Contact Name: Not reported
Contact Name2: Not reported
Contact Phone: (270) 932-6026

GREENSBURG CITGO (Continued) **1001228287**

Contact Phone2: Not reported
Serves: REGIONAL
Function: OTHER
Material Accepted: USED MOTOR OIL
Notes: Not reported

KY SENATE BILL 193 INVENTORY:
KY SENATE BILL 193 INVENTORY: SIW
Facility ID: 3709044
Soil / Groundwater: Soil and Groundwater
Agency Interest Number: 61519

A5 **GREENSBURG AUTO SALES** **UST** **U001182340**
South **531 COLUMBIA HWY** **Financial Assurance** **N/A**
1/8-1/4 **GREENSBURG, KY 42743**
0.130 mi.
685 ft. **Site 4 of 5 in cluster A**

Relative:
Lower

Actual:
561 ft.

UST:
Sequence Id: 3709044
Facility ID: 51216
Owner Name: Ball Brothers Oil Co
Owner Address: 1740 Miller Pike
Owner Address2: Not reported
Owner Address3: Not reported
Owner City,St,Zip: Lebanon, KY 40033
Internal Document ID: 0
Latitude: -85.50178528
Longitude: 37.24968726

Subject Item Id: 1
Tank Status: **Tank removed/verified**
Inert Material Code: Not reported
Tank Material: SINGLE WALL STEEL
Installation Date: 01/01/1985
Closed In Place Date: Not reported
Removed Date: 07/09/1998
Capacity in Gallons: 3000
Change in Service Date: Not reported
Tank Pit Num: Not reported
Compartment Num: 1
Tank Substance: GASOLINE
Tank Mfg Code: Not reported
Tank External Protection: NON
Tank Internal Protection: UNKNOWN
Tank Overfill Protection: Unknown
Last Tank Test Date: Not reported
Relined Date: Not reported
Lining Insp Date: Not reported
Piping Installation Date: Not reported
Pipe Type: Unknown
Pipe Material: Unknown
Pipe External Protection: Unknown
Pipe Release Detection: Unknown
Pipe Rel Detect Suc Code: UNK
Pipe Leak Detect Code: NA
Last Contained Date: Not reported

GREENSBURG AUTO SALES (Continued) **U001182340**

Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	2
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1981
Closed In Place Date:	Not reported
Removed Date:	07/09/1998
Capacity in Gallons:	4000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Unknown
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	3
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1981
Closed In Place Date:	Not reported
Removed Date:	07/09/1998
Capacity in Gallons:	4000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown

GREENSBURG AUTO SALES (Continued) **U001182340**

Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Unknown
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

KY Financial Assurance 2:

Region:	2
Account:	FRA
Site ID:	3709044
Coverage Amount:	Up to 1 million dollar limit coverage
Effective Period:	Would be from the time of the release to the end of the clean up
Max of Acc_Date:	08/15/1995

A6 **EDR US Hist Auto Stat** **1015542631**
South **531 COLUMBIA HWY** **N/A**
1/8-1/4 **GREENSBURG, KY 42743**
0.130 mi.
685 ft. **Site 5 of 5 in cluster A**

Relative:
Lower

Actual:
561 ft.

EDR Historical Auto Stations:

Name:	GREENSBURG AUTO SVC
Year:	2010
Address:	531 COLUMBIA HWY
Name:	GREENSBURG CITGO
Year:	2011
Address:	531 COLUMBIA HWY
Name:	GREENSBURG CITGO
Year:	2012
Address:	531 COLUMBIA HWY

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7 **CONVENIENT FOOD MART 174** **UST** **U000208308**
ENE **109 E COLUMBIA** **Financial Assurance** **N/A**
1/8-1/4 **GREENSBURG, KY 42743**
0.167 mi.
880 ft.

Relative:
Higher

Actual:
586 ft.

UST:

Sequence Id:	5244044
Facility ID:	68711
Owner Name:	Dairy Mart Estate
Owner Address:	1515 Market St Ste 820

CONVENIENT FOOD MART 174 (Continued) **U000208308**

Owner Address2:	Not reported
Owner Address3:	Not reported
Owner City,St,Zip:	Philadelphia, PA 19102
Internal Document ID:	0
Latitude:	-85.501892
Longitude:	37.258991
Subject Item Id:	1
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1969
Closed In Place Date:	Not reported
Removed Date:	02/02/1993
Capacity in Gallons:	6000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Single Wall Steel
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	2
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1969
Closed In Place Date:	Not reported
Removed Date:	02/02/1993
Capacity in Gallons:	4000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown

CONVENIENT FOOD MART 174 (Continued) **U000208308**

Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Single Wall Steel
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

Subject Item Id:	3
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1969
Closed In Place Date:	Not reported
Removed Date:	02/02/1993
Capacity in Gallons:	4000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Single Wall Steel
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

Subject Item Id:	4
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1969

CONVENIENT FOOD MART 174 (Continued) **U000208308**

Closed In Place Date:	Not reported
Removed Date:	02/02/1993
Capacity in Gallons:	4000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Single Wall Steel
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

KY Financial Assurance 2:

Region:	2
Account:	PST
Site ID:	5244044
Coverage Amount:	Up to 1 million dollar limit coverage
Effective Period:	Would be from the time of the release to the end of the clean up
Max of Acc_Date:	10/16/1995

B8 **EDR US Hist Auto Stat** **1015331238**
NNE **219 S MAIN ST** **N/A**
1/8-1/4 **GREENSBURG, KY 42743**
0.193 mi.
1017 ft. **Site 1 of 9 in cluster B**

Relative:
Higher

Actual:
604 ft.

EDR Historical Auto Stations:

Name:	GREENSBURG GAS & WASH
Year:	1999
Address:	219 S MAIN ST
Name:	GREENSBURG GAS & WASH
Year:	2000
Address:	219 S MAIN ST
Name:	GREENSBURG GAS & WASH
Year:	2001
Address:	219 S MAIN ST
Name:	GREENSBURG GAS & WASH

(Continued) **1015331238**

Year: 2002
Address: 219 S MAIN ST

B9 **GREENSBURG MARKETS, INC.** **RCRA NonGen / NLR** **1007264306**
NNE **219 SOUTH MAIN STREET** **KYR000036251**
1/8-1/4 **GREENSBURG, KY 42743**
0.193 mi.
1017 ft. **Site 2 of 9 in cluster B**

Relative:
Higher

Actual:
604 ft.

RCRA NonGen / NLR:
Date form received by agency: 02/16/2004
Facility name: GREENSBURG MARKETS, INC.
Facility address: 219 SOUTH MAIN STREET
GREENSBURG, KY 42743
EPA ID: KYR000036251
Mailing address: P O BOX 63
PENDLETON, KY 40055
Contact: ROTHEL D BULLOCK
Contact address: P O BOX 63
PENDLETON, KY 40055
Contact country: Not reported
Contact telephone: (502) 743-5185
Contact email: Not reported
EPA Region: 04
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: GREENSBURG MARKETS, INC.
Owner/operator address: SOUTH MAIN STREET
GREENSBURG, KY 42743
Owner/operator country: US
Owner/operator telephone: (502) 743-5185
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/16/2004
Owner/Op end date: Not reported

Owner/operator name: GREENSBURG MARKETS, INC.
Owner/operator address: P O BOX 63
PENDLETON, KY 40055
Owner/operator country: US
Owner/operator telephone: (502) 743-5185
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/16/2004
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No

GREENSBURG MARKETS, INC. (Continued) **1007264306**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

B10 **COWBOYS 302** **SB193 U000205538**
NNE **219 S MAIN ST** **UST N/A**
1/8-1/4 **GREENSBURG, KY 42743**
0.193 mi.
1017 ft. **Site 3 of 9 in cluster B**

Relative: Higher

Actual: 604 ft.

KY SENATE BILL 193 INVENTORY:
KY SENATE BILL 193 INVENTORY: CLW
Facility ID: 9497044
Soil / Groundwater: Soil
Agency Interest Number: 61516

UST:
Sequence Id: 9497044
Facility ID: 61516
Owner Name: Greensburg Markets Inc
Owner Address: NONE
Owner Address2: Po Box 23
Owner Address3: Not reported
Owner City,St,Zip: Pendleton, KY 40055
Internal Document ID: 0
Latitude: -85.5035
Longitude: 37.257167

Subject Item Id: 3
Tank Status: **Tank removed/verified**
Inert Material Code: Not reported
Tank Material: SINGLE WALL STEEL
Installation Date: 01/01/1988
Closed In Place Date: 02/28/2003
Removed Date: 01/06/2004
Capacity in Gallons: 2000

COWBOYS 302 (Continued) **U000205538**

Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	KEROSENE
Tank Mfg Code:	Not reported
Tank External Protection:	STATISTICAL INVENTORY RECONCILIATION
Tank Internal Protection:	NA
Tank Overfill Protection:	Flow Restrictor
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Suction
Pipe Material:	Double Wall Fiberglass
Pipe External Protection:	NA
Pipe Release Detection:	Statistical Inventory Reconciliation
Pipe Rel Detect Suc Code:	SIR
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

Subject Item Id:	4
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1970
Closed In Place Date:	02/28/2003
Removed Date:	01/06/2004
Capacity in Gallons:	6000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	DIESEL
Tank Mfg Code:	Not reported
Tank External Protection:	STATISTICAL INVENTORY RECONCILIATION
Tank Internal Protection:	INTERIOR LINING PROTECTION
Tank Overfill Protection:	Flow Restrictor
Last Tank Test Date:	Not reported
Relined Date:	02/24/1991
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Pressurized
Pipe Material:	Double Wall Fiberglass
Pipe External Protection:	NA
Pipe Release Detection:	Statistical Inventory Reconciliation
Pipe Rel Detect Suc Code:	SIR
Pipe Leak Detect Code:	MLD
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported

COWBOYS 302 (Continued) **U000205538**

Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	1
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1970
Closed In Place Date:	02/28/2003
Removed Date:	01/06/2004
Capacity in Gallons:	6000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	STATISTICAL INVENTORY RECONCILIATION
Tank Internal Protection:	INTERIOR LINING PROTECTION
Tank Overfill Protection:	Automatic Shutoff Device
Last Tank Test Date:	Not reported
Relined Date:	02/24/1991
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Pressurized
Pipe Material:	Double Wall Fiberglass
Pipe External Protection:	NA
Pipe Release Detection:	Statistical Inventory Reconciliation
Pipe Rel Detect Suc Code:	SIR
Pipe Leak Detect Code:	MLD
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	2
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1970
Closed In Place Date:	02/28/2003
Removed Date:	01/06/2004
Capacity in Gallons:	6000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	STATISTICAL INVENTORY RECONCILIATION
Tank Internal Protection:	INTERIOR LINING PROTECTION
Tank Overfill Protection:	Automatic Shutoff Device
Last Tank Test Date:	Not reported
Relined Date:	02/24/1991
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported

COWBOYS 302 (Continued) **U000205538**

Pipe Type:	Pressurized
Pipe Material:	Double Wall Fiberglass
Pipe External Protection:	NA
Pipe Release Detection:	Statistical Inventory Reconciliation
Pipe Rel Detect Suc Code:	SIR
Pipe Leak Detect Code:	MLD
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

B11 **FIVESTAR FOODMART #4432** **UST** **U004154137**
NNE **215 S MAIN ST** **N/A**
1/8-1/4 **GREENSBURG, KY 42743**
0.194 mi.
1024 ft. **Site 4 of 9 in cluster B**

Relative:
Higher

Actual:
604 ft.

UST:

Sequence Id:	Not reported
Facility ID:	107734
Owner Name:	Newcomb Oil Co LLC
Owner Address:	1360 E John Rowan Blvd
Owner Address2:	Not reported
Owner Address3:	Not reported
Owner City,St,Zip:	Bardstown, KY 40004
Internal Document ID:	0
Latitude:	-85.503226
Longitude:	37.257823
Subject Item Id:	4
Tank Status:	**Tank active**
Inert Material Code:	Not reported
Tank Material:	FIBERGLASS REINFORCED PLASTIC
Installation Date:	04/06/2010
Closed In Place Date:	Not reported
Removed Date:	Not reported
Capacity in Gallons:	4000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	KEROSENE
Tank Mfg Code:	XER
Tank External Protection:	AUTOMATIC TANK GAUGING
Tank Internal Protection:	NA
Tank Overfill Protection:	High Level Alarm
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Pressurized
Pipe Material:	FIBERGLASS REINFORCED PLASTIC
Pipe External Protection:	NA
Pipe Release Detection:	Electronic Leak Detection
Pipe Rel Detect Suc Code:	NON
Pipe Leak Detect Code:	ELD

FIVESTAR FOODMART #4432 (Continued) **U004154137**

Last Contained Date:	Not reported
Pipe Mfg Code:	DUA
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	1
Tank Status:	**Tank active**
Inert Material Code:	Not reported
Tank Material:	FIBERGLASS REINFORCED PLASTIC
Installation Date:	04/06/2010
Closed In Place Date:	Not reported
Removed Date:	Not reported
Capacity in Gallons:	12000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	REG
Tank Mfg Code:	XER
Tank External Protection:	AUTOMATIC TANK GAUGING
Tank Internal Protection:	NA
Tank Overfill Protection:	High Level Alarm
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Pressurized
Pipe Material:	FIBERGLASS REINFORCED PLASTIC
Pipe External Protection:	NA
Pipe Release Detection:	Electronic Leak Detection
Pipe Rel Detect Suc Code:	NON
Pipe Leak Detect Code:	ELD
Last Contained Date:	Not reported
Pipe Mfg Code:	AMR
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	2
Tank Status:	**Tank active**
Inert Material Code:	Not reported
Tank Material:	FIBERGLASS REINFORCED PLASTIC
Installation Date:	04/06/2010
Closed In Place Date:	Not reported
Removed Date:	Not reported
Capacity in Gallons:	8000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	Premium Gasoline (high-grade; 93 octane)
Tank Mfg Code:	XER
Tank External Protection:	AUTOMATIC TANK GAUGING
Tank Internal Protection:	NA

FIVESTAR FOODMART #4432 (Continued) **U004154137**

Tank Overfill Protection:	High Level Alarm
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Pressurized
Pipe Material:	FIBERGLASS REINFORCED PLASTIC
Pipe External Protection:	NA
Pipe Release Detection:	Electronic Leak Detection
Pipe Rel Detect Suc Code:	NON
Pipe Leak Detect Code:	ELD
Last Contained Date:	Not reported
Pipe Mfg Code:	AMR
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

Subject Item Id:	3
Tank Status:	**Tank active**
Inert Material Code:	Not reported
Tank Material:	FIBERGLASS REINFORCED PLASTIC
Installation Date:	04/06/2010
Closed In Place Date:	Not reported
Removed Date:	Not reported
Capacity in Gallons:	6000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	DIESEL
Tank Mfg Code:	XER
Tank External Protection:	AUTOMATIC TANK GAUGING
Tank Internal Protection:	NA
Tank Overfill Protection:	High Level Alarm
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Pressurized
Pipe Material:	FIBERGLASS REINFORCED PLASTIC
Pipe External Protection:	NA
Pipe Release Detection:	Electronic Leak Detection
Pipe Rel Detect Suc Code:	NON
Pipe Leak Detect Code:	ELD
Last Contained Date:	Not reported
Pipe Mfg Code:	AMR
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

B12 **EDR US Hist Auto Stat** **1015325113**
NNE **213 S MAIN ST** **N/A**
1/8-1/4 **GREENSBURG, KY 42743**
0.195 mi.
1028 ft. **Site 5 of 9 in cluster B**

Relative:
Higher

Actual:
604 ft.

EDR Historical Auto Stations:

Name:	GREENSBURG TIRE INC
Year:	2003
Address:	213 S MAIN ST
Name:	GREENSBURG TIRE INC
Year:	2004
Address:	213 S MAIN ST

B13 **GREENSBURG FIRESTONE** **UST** **U000806943**
NNE **213 S MAIN** **N/A**
1/8-1/4 **GREENSBURG, KY 42743**
0.195 mi.
1028 ft. **Site 6 of 9 in cluster B**

Relative:
Higher

Actual:
604 ft.

UST:

Sequence Id:	2674044
Facility ID:	63600
Owner Name:	Greensburg Firestone
Owner Address:	213 S MAIN
Owner Address2:	Not reported
Owner Address3:	Not reported
Owner City,St,Zip:	Greensburg, KY 42743
Internal Document ID:	0
Latitude:	-85.503169
Longitude:	37.258001
Subject Item Id:	1
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1978
Closed In Place Date:	Not reported
Removed Date:	07/09/1990
Capacity in Gallons:	6000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Single Wall Steel
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported

GREENSBURG FIRESTONE (Continued) **U000806943**

Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	3
Tank Status:	**Tanks removed before 1988**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1972
Closed In Place Date:	Not reported
Removed Date:	10/01/1987
Capacity in Gallons:	3000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Single Wall Steel
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	4
Tank Status:	**Tanks removed before 1988**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1972
Closed In Place Date:	Not reported
Removed Date:	09/01/1988
Capacity in Gallons:	500
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	ALSO LISTED AS NOL/FOL/UOL
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown

GREENSBURG FIRESTONE (Continued) **U000806943**

Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Single Wall Steel
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

Subject Item Id:	2
Tank Status:	**Tanks removed before 1988**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1901
Closed In Place Date:	Not reported
Removed Date:	10/01/1987
Capacity in Gallons:	3000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Single Wall Steel
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

B14 **GREENSBURG BP** **UST** **U000809477**
NNE **202 S MAIN ST** **N/A**
1/8-1/4 **GREENSBURG, KY 42743**
0.198 mi.
1047 ft. **Site 7 of 9 in cluster B**

Relative:
Higher

Actual:
605 ft.

UST:

Sequence Id:	5856044
Facility ID:	61517
Owner Name:	Roger Caldwell
Owner Address:	202 S MAIN ST
Owner Address2:	Not reported
Owner Address3:	Not reported
Owner City,St,Zip:	Greensburg, KY 42743
Internal Document ID:	0
Latitude:	-85.50250947
Longitude:	37.25897417
Subject Item Id:	2
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1969
Closed In Place Date:	02/03/1995
Removed Date:	04/04/1995
Capacity in Gallons:	8000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Suction
Pipe Material:	Single Wall Steel
Pipe External Protection:	Unknown
Pipe Release Detection:	None
Pipe Rel Detect Suc Code:	NON
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	3
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1966
Closed In Place Date:	Not reported
Removed Date:	11/07/1989

GREENSBURG BP (Continued) **U000809477**

Capacity in Gallons:	3000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Single Wall Steel
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

Subject Item Id:	4
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1966
Closed In Place Date:	Not reported
Removed Date:	11/07/1989
Capacity in Gallons:	3000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Single Wall Steel
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported

GREENSBURG BP (Continued) **U000809477**

Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	5
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1966
Closed In Place Date:	Not reported
Removed Date:	11/07/1989
Capacity in Gallons:	3000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Single Wall Steel
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	6
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1901
Closed In Place Date:	02/20/1999
Removed Date:	07/31/2000
Capacity in Gallons:	550
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	USED OIL
Tank Mfg Code:	Not reported
Tank External Protection:	AUTOMATIC TANK GAUGING
Tank Internal Protection:	INTERIOR LINING PROTECTION
Tank Overfill Protection:	High Level Alarm
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported

GREENSBURG BP (Continued) **U000809477**

Piping Installation Date:	Not reported
Pipe Type:	Suction
Pipe Material:	Single Wall Steel
Pipe External Protection:	Other
Pipe Release Detection:	None
Pipe Rel Detect Suc Code:	NON
Pipe Leak Detect Code:	MLD
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

Subject Item Id:	7
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	11/01/1989
Closed In Place Date:	Not reported
Removed Date:	07/31/2000
Capacity in Gallons:	4000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	INV RECORDS/TANK TIGHTNESS TEST
Tank Internal Protection:	NA
Tank Overfill Protection:	Flow Restrictor
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Suction
Pipe Material:	Single Wall Steel
Pipe External Protection:	Coating and Cathodic Protection
Pipe Release Detection:	Check Valve
Pipe Rel Detect Suc Code:	CKV
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

Subject Item Id:	9
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	11/01/1989
Closed In Place Date:	Not reported
Removed Date:	07/31/2000
Capacity in Gallons:	4000

GREENSBURG BP (Continued) **U000809477**

Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	INV RECORDS/TANK TIGHTNESS TEST
Tank Internal Protection:	NA
Tank Overfill Protection:	Flow Restrictor
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Suction
Pipe Material:	Single Wall Steel
Pipe External Protection:	Coating and Cathodic Protection
Pipe Release Detection:	Check Valve
Pipe Rel Detect Suc Code:	CKV
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

Subject Item Id:	10
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	11/01/1989
Closed In Place Date:	Not reported
Removed Date:	07/31/2000
Capacity in Gallons:	2000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	DIESEL
Tank Mfg Code:	Not reported
Tank External Protection:	AUTOMATIC TANK GAUGING
Tank Internal Protection:	INTERIOR LINING PROTECTION
Tank Overfill Protection:	High Level Alarm
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Suction
Pipe Material:	Single Wall Steel
Pipe External Protection:	Coating and Cathodic Protection
Pipe Release Detection:	None
Pipe Rel Detect Suc Code:	NON
Pipe Leak Detect Code:	MLD
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported

GREENSBURG BP (Continued) **U000809477**

Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	1
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	UNKNOWN
Installation Date:	01/01/1966
Closed In Place Date:	Not reported
Removed Date:	04/04/1995
Capacity in Gallons:	2000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	DIESEL
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Unknown
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	8
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	11/01/1989
Closed In Place Date:	Not reported
Removed Date:	07/31/2000
Capacity in Gallons:	4000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	INV RECORDS/TANK TIGHTNESS TEST
Tank Internal Protection:	NA
Tank Overfill Protection:	Flow Restrictor
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported

GREENSBURG BP (Continued) **U000809477**

Pipe Type:	Suction
Pipe Material:	Single Wall Steel
Pipe External Protection:	Coating and Cathodic Protection
Pipe Release Detection:	Check Valve
Pipe Rel Detect Suc Code:	CKV
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

B15 **EDR US Hist Auto Stat** **1015307949**
NNE **202 S MAIN ST** **N/A**
1/8-1/4 **GREENSBURG, KY 42743**
0.198 mi.
1047 ft. **Site 8 of 9 in cluster B**

Relative:
Higher

Actual:
605 ft.

EDR Historical Auto Stations:

Name:	ROGERS AUTO SALES OF GRNSBRG INC
Year:	2004
Address:	202 S MAIN ST
Name:	ROGERS AUTO SALES OF GREENSBURG INC
Year:	2005
Address:	202 S MAIN ST
Name:	ROGERS AUTO SALES & RENTALS
Year:	2010
Address:	202 S MAIN ST
Name:	ROGERS AUTO SALES
Year:	2011
Address:	202 S MAIN ST

B16 **GREENSBURG BP** **RCRA NonGen / NLR** **1004706677**
NNE **202 S MAIN ST** **FINDS** **KYR000028282**
1/8-1/4 **GREENSBURG, KY**
0.198 mi.
1047 ft. **Site 9 of 9 in cluster B**

Relative:
Higher

Actual:
605 ft.

RCRA NonGen / NLR:

Date form received by agency:	08/10/2000
Facility name:	GREENSBURG BP
Facility address:	202 S MAIN ST GREENSBURG, KY 42743
EPA ID:	KYR000028282
Mailing address:	S MAIN ST GREENSBURG, KY 42743
Contact:	ROGER D CALDWELL
Contact address:	202 S MAIN ST GREENSBURG, KY 42743
Contact country:	US
Contact telephone:	(270) 932-5020

GREENSBURG BP (Continued) **1004706677**

Contact email: Not reported
EPA Region: 04
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: ROGER D CALDWELL
Owner/operator address: 202 S MAIN ST
GREENSBURG, KY 42743
Owner/operator country: Not reported
Owner/operator telephone: (270) 932-5020
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
Waste code: NONE
Waste name: None

Violation Status: No violations found

FINDS:

Registry ID: 110003256725

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

C17 **GREENSBURG C O** **UST** **U001181830**
NNE **112 S MAIN ST** **N/A**
1/8-1/4 **GREENSBURG, KY 42743**
0.231 mi.
1220 ft. **Site 1 of 2 in cluster C**

Relative:
Higher

Actual:
607 ft.

UST:

Sequence Id:	3229044
Facility ID:	61518
Owner Name:	Alltel Kentucky Inc
Owner Address:	1 Allied Dr
Owner Address2:	Mail Stop B 5 F10-E
Owner Address3:	Not reported
Owner City,St,Zip:	Little Rock, AR 72202
Internal Document ID:	0
Latitude:	-85.50237
Longitude:	37.259459
Subject Item Id:	1
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	FIBERGLASS REINFORCED PLASTIC
Installation Date:	01/01/1990
Closed In Place Date:	Not reported
Removed Date:	06/03/2004
Capacity in Gallons:	550
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	DIESEL
Tank Mfg Code:	Not reported
Tank External Protection:	AUTOMATIC TANK GAUGING
Tank Internal Protection:	NA
Tank Overfill Protection:	Automatic Shutoff Device
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Suction
Pipe Material:	FIBERGLASS REINFORCED PLASTIC
Pipe External Protection:	NA
Pipe Release Detection:	Check Valve
Pipe Rel Detect Suc Code:	CKV
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

C18 **GREENSBURG NO 4423** **UST** **U001183467**
NNE **111 S MAIN ST** **N/A**
1/8-1/4 **GREENSBURG, KY 42743**
0.232 mi.
1223 ft. **Site 2 of 2 in cluster C**

Relative:
Higher

Actual:
607 ft.

UST:

Sequence Id:	5363044
Facility ID:	61515
Owner Name:	Newcomb Oil Co LLC
Owner Address:	1360 E John Rowan Blvd
Owner Address2:	Not reported
Owner Address3:	Not reported
Owner City,St,Zip:	Bardstown, KY 40004
Internal Document ID:	0
Latitude:	-85.50233781
Longitude:	37.25983662
Subject Item Id:	2
Tank Status:	**Tanks removed before 1988**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1969
Closed In Place Date:	Not reported
Removed Date:	10/07/1988
Capacity in Gallons:	6000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Single Wall Steel
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	4
Tank Status:	**Tanks removed before 1988**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1969
Closed In Place Date:	Not reported
Removed Date:	04/12/1988

GREENSBURG NO 4423 (Continued) **U001183467**

Capacity in Gallons:	550
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	ALSO LISTED AS NOL/FOL/UOL
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Single Wall Steel
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

Subject Item Id:	6
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	FIBERGLASS REINFORCED PLASTIC
Installation Date:	01/01/1988
Closed In Place Date:	Not reported
Removed Date:	06/29/2010
Capacity in Gallons:	6000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	PLS
Tank Mfg Code:	FRP
Tank External Protection:	AUTOMATIC TANK GAUGING
Tank Internal Protection:	NA
Tank Overfill Protection:	Automatic Shutoff Device
Last Tank Test Date:	06/27/2007
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Pressurized
Pipe Material:	FIBERGLASS REINFORCED PLASTIC
Pipe External Protection:	NA
Pipe Release Detection:	LTT
Pipe Rel Detect Suc Code:	NON
Pipe Leak Detect Code:	MLD
Last Contained Date:	Not reported
Pipe Mfg Code:	FRP
Last Pipe Test Date:	08/26/2009
Last CP Test Date:	Not reported

GREENSBURG NO 4423 (Continued) **U001183467**

Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	8
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	FIBERGLASS REINFORCED PLASTIC
Installation Date:	01/01/1988
Closed In Place Date:	Not reported
Removed Date:	06/29/2010
Capacity in Gallons:	4000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	KEROSENE
Tank Mfg Code:	FRP
Tank External Protection:	AUTOMATIC TANK GAUGING
Tank Internal Protection:	NA
Tank Overfill Protection:	Automatic Shutoff Device
Last Tank Test Date:	06/27/2007
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Pressurized
Pipe Material:	FIBERGLASS REINFORCED PLASTIC
Pipe External Protection:	NA
Pipe Release Detection:	LTT
Pipe Rel Detect Suc Code:	NON
Pipe Leak Detect Code:	MLD
Last Contained Date:	Not reported
Pipe Mfg Code:	FRP
Last Pipe Test Date:	08/26/2009
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Subject Item Id:	1
Tank Status:	**Tanks removed before 1988**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1969
Closed In Place Date:	Not reported
Removed Date:	10/07/1988
Capacity in Gallons:	8000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported

GREENSBURG NO 4423 (Continued) **U001183467**

Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Single Wall Steel
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

Subject Item Id:	3
Tank Status:	**Tanks removed before 1988**
Inert Material Code:	Not reported
Tank Material:	SINGLE WALL STEEL
Installation Date:	01/01/1967
Closed In Place Date:	Not reported
Removed Date:	10/07/1988
Capacity in Gallons:	6000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	GASOLINE
Tank Mfg Code:	Not reported
Tank External Protection:	NON
Tank Internal Protection:	UNKNOWN
Tank Overfill Protection:	Unknown
Last Tank Test Date:	Not reported
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Unknown
Pipe Material:	Single Wall Steel
Pipe External Protection:	Unknown
Pipe Release Detection:	Unknown
Pipe Rel Detect Suc Code:	UNK
Pipe Leak Detect Code:	NA
Last Contained Date:	Not reported
Pipe Mfg Code:	Not reported
Last Pipe Test Date:	Not reported
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

Subject Item Id:	5
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	FIBERGLASS REINFORCED PLASTIC
Installation Date:	01/01/1988
Closed In Place Date:	Not reported
Removed Date:	06/29/2010
Capacity in Gallons:	8000

GREENSBURG NO 4423 (Continued) **U001183467**

Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	REG
Tank Mfg Code:	FRP
Tank External Protection:	AUTOMATIC TANK GAUGING
Tank Internal Protection:	NA
Tank Overfill Protection:	Automatic Shutoff Device
Last Tank Test Date:	06/27/2007
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Pressurized
Pipe Material:	FIBERGLASS REINFORCED PLASTIC
Pipe External Protection:	NA
Pipe Release Detection:	LTT
Pipe Rel Detect Suc Code:	NON
Pipe Leak Detect Code:	MLD
Last Contained Date:	Not reported
Pipe Mfg Code:	FRP
Last Pipe Test Date:	08/26/2009
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported

Subject Item Id:	7
Tank Status:	**Tank removed/verified**
Inert Material Code:	Not reported
Tank Material:	FIBERGLASS REINFORCED PLASTIC
Installation Date:	01/01/1988
Closed In Place Date:	Not reported
Removed Date:	06/29/2010
Capacity in Gallons:	6000
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance:	Premium Gasoline (high-grade; 93 octane)
Tank Mfg Code:	FRP
Tank External Protection:	AUTOMATIC TANK GAUGING
Tank Internal Protection:	NA
Tank Overfill Protection:	Automatic Shutoff Device
Last Tank Test Date:	06/27/2007
Relined Date:	Not reported
Lining Insp Date:	Not reported
Piping Installation Date:	Not reported
Pipe Type:	Pressurized
Pipe Material:	FIBERGLASS REINFORCED PLASTIC
Pipe External Protection:	NA
Pipe Release Detection:	LTT
Pipe Rel Detect Suc Code:	NON
Pipe Leak Detect Code:	MLD
Last Contained Date:	Not reported
Pipe Mfg Code:	FRP
Last Pipe Test Date:	08/26/2009
Last CP Test Date:	Not reported
Added To Flex Date:	Not reported

GREENSBURG NO 4423 (Continued) **U001183467**

Added To Piping Date: Not reported
Added To Tank Date: Not reported

19
East
1/2-1
0.529 mi.
2793 ft.

MOSS PROPERTY
103 WEST LOCUST STREET
GREENSBURG, KY 42743

SHWS **S110529929**
CDL **N/A**

Relative:
Higher

Actual:
574 ft.

SHWS:

Facility Id:	109098
Status:	**Closed**
Description:	103 West Locust Street Meth Lab (Closed 8/19/2010)
Closure Date:	08/19/2010
Longitude:	-85.4940
Latitude:	37.255817
Subject Item County:	Green
Sub Item Longitude:	37.255817
Subject Item Address:	103 W Locust St
Subject Item Address2:	Not reported
Subject Item City,St,Zip:	Greensburg, KY 42743
Regulatory Desc:	State Superfund
Closure Option:	Option C Restored
Side SG:	Meth Lab

CDL:

Site Status:	Closed
Facility Group:	AAZZ0001
Agency Interest Id Number:	109098
Designation:	Meth Lab
Description:	103 West Locust Street Meth Lab (Closed 8/19/2010)
Regulatory Description:	State Superfund
Closure Option:	Option C Restored
Closure Date:	08/19/2010
Longitude:	37.25581
Latitude:	-85.49406

20
NE
1/2-1
0.700 mi.
3694 ft.

INDIANA HARDWOODS - GREENSBURG
513 N DEPOT ST
GREENSBURG, KY 42743

SHWS **S108081679**
SPILLS **N/A**
NPDES
AIRS

Relative:
Higher

Actual:
682 ft.

SHWS:

Facility Id:	5149
Status:	**Closed**
Description:	(Closed Option A) Wood Treatment release / Drums
Closure Date:	03/12/2013
Longitude:	-85.4968
Latitude:	37.264420
Subject Item County:	Green
Sub Item Longitude:	37.266109
Subject Item Address:	513 N Depot St
Subject Item Address2:	Not reported
Subject Item City,St,Zip:	Greensburg, KY 42743
Regulatory Desc:	State Superfund

INDIANA HARDWOODS - GREENSBURG (Continued) **S108081679**

Closure Option: Option A No Action Necessary
Side SG: Not reported

SPILLS:
Facility Status: Emergency
Incident Type: ILLEGAL DISPOSAL (NOT OPEN DUMP), STREAM DEGRADATION
Received By Staff: Leo, David (9411)
Received Date: 06/08/2012
Dispatch Description: Not reported
Source Name: Telecom
Source Name 2: Indiana Hardwoods Greensburg
Source Address: 513 N Depot St
Source City: Greensburg
Source State: KY
Source Phone Number: Not reported
Parameter: Unknown
CAS: Not reported
Quantity/Units: Not reported
Other Substances: Not reported
Organization NameA: Division of Water
Organization IdA: 1725
Organization NameB: Division of Waste Mgmt
Organization IdB: 1726
Organization NameC: Division of Environmental Program Support
Organization IdC: 22974
Organization NameD: Not reported
Organization IdD: Not reported
Media Impacted: Soil, Surface Water

NPDES:
Federal Facility ID: Not reported
Facility Status: INACTIVE
KY DES #: KYR000320
Total App# Design Flow (MGD): 0
Horizontal Collect Method Desc: Not reported
Facility Addr 2: Not reported
Inactive Date: 06/03/2010
Design Capacity: Not reported
Fee Category: Not reported
SIC Code: 2426
Lat/Long: Not reported
Lat/Long Method: Not reported
USGS Hydrologic Basin Code: Not reported
Facility Stream Segment: Not reported
Facility Mileage Indicator: Not reported
Basin Code: Not reported
Basin Code Description: Not reported
DMR Contact: JOHN HUBBARD
Contact Telephone: 8129253343
Mailing Address: 7988 GARDNER RD
Mailing Address 2: Not reported
Mailing City,St,Zip: CHANDLER, IN 47610
Permit Issued: 09/13/2002
Permit Expires: 09/30/2007
SIC Code Description: HARDWOOD DIMEN & FLOORING MILL
Reveiving Waters: GOOSE CRK

INDIANA HARDWOODS - GREENSBURG (Continued) **S108081679**

Major/Minor:	MINOR
Effective Date:	Not reported
Affiliation Type Desc:	Not reported
Organization Formal Name:	Not reported
Facility Type Desc:	Not reported
State Facility ID:	Not reported
Original Issue Date:	Not reported
Approved For Electronic DMR Submission:	Not reported

AIRS:

Facility:	2108700002
Alt Facility Name:	Indiana Hardwoods - Greensburg
Alt Facility End Date:	Not reported
Contact Name:	Mr. Darrell Higgason
Contact Addr:	513 N Depot St
City:	Greensburg
State:	KY
Zip:	42743
Phone:	270-932-4269
Daq contact fax:	270-932-7866
Daq contact email:	dhiggas@kimball.com
Emps:	41
Plant Class Descr.:	X; Minor/All PTE <all major source thrsh
Principal Product:	WOOD PRODU
Acreage:	49.89
Latitude/Longitude:	37.27 / -85.50
SIC:	2499
SIC Desc:	Wood Products, NEC
NAIC:	321999
NAIC Desc:	All Other Miscellaneous Wood Product Manufacturing
AI Id:	38226
AI Start Date:	06/18/2003
AI End Date:	Not reported
DAQ AI Type:	MFG-Other Manufacturing (339)
DAQ Reg Comment:	Not reported
Mailing Address Line 2:	Not reported
Mailing Address Line 3:	Not reported
SCC:	10300903, 30700898, 30700899, 30702099
State Plant Class Code:	X000
Inspector Assigned AI:	Lane Fowler
Last Inspection Lead:	Lane Fowler
Last Inspection Date:	07/20/2004
Air Programs:	0-SIP Source
Air Subparts:	Not Applicable

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21 **CLARK CASUAL FURNITURE INC** **SHWS** **S106884951**
SSE **214 INDUSTRIAL ROAD** **N/A**
1/2-1 **GREENSBURG, KY 42743**
0.886 mi.
4677 ft.

Relative:
Higher

Actual:
706 ft.

SHWS:

Facility Id:	51716
Status:	**Closed**
Description:	Clarks Casual Furniture Abandoned Drum Removal. Closed option C 5/1/08
Closure Date:	05/01/2008
Longitude:	-85.4972

CLARK CASUAL FURNITURE INC (Continued) **S106884951**

Latitude:	37.244722
Subject Item County:	Green
Sub Item Longitude:	37.244994
Subject Item Address:	214 Industrial Rd
Subject Item Address2:	Not reported
Subject Item City,St,Zip:	Greensburg, KY 42743
Regulatory Desc:	State Superfund
Closure Option:	Option C Restored
Side SG:	35519

Count: 20 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DONANSBURG	S106884961	BAKER ENERGY TRUCK SPILL	HIGHWAY 88	42743	SHWS
GREENSBURG	S110365876	KY RSA #4 CELLULAR GP - WEBBS	5986 HWY 1464	42743	AIRS
GREENSBURG	1015921665	KY RSA #4 CELLULAR GP - WEBBS	5986 HWY 1464		FINDS
GREENSBURG	U003885731	HOUKS GROCERY	HWY 218	42743	UST
GREENSBURG	U001442790	WILLIAM H PIERCE ESTATE	HWY 218	42743	UST
GREENSBURG	1004706666	PIERCE SERVICE	HWY 218 (NEWT)	42743	RCRA NonGen / NLR, FINDS
GREENSBURG	1001219675	DAVIS GROCERY	4490 HWY 218		RCRA NonGen / NLR, FINDS
GREENSBURG	U001183468	FAULKNERS GROCERY	HWY 487	42743	UST
GREENSBURG	U000809205	GARRISON CONSTRUCTION CO	RTE 5	42743	UST
GREENSBURG	U004065289	JONES PROPERTY	HWY 61	42743	UST, Financial Assurance
GREENSBURG	U001623882	JOE H DAVIS	HWY 61	42743	UST
GREENSBURG	U000809187	BLOYDS GROCERY	KY 61 N RTE 3	42743	UST
GREENSBURG	U000808592	FORMER PHILLIPS 66 CO 040525	HWY 61 N	42743	UST
GREENSBURG	1005845915	NALLY & HAYDON SURFACING LLC GREEN	HWY. 61		FINDS
GREENSBURG	1001485251	BLACK GNAT GROCERY	US 68 WEST		RCRA NonGen / NLR, FINDS
GREENSBURG	U003554984	BLUE SPRINGS TRADING POST 7751	COLUMBIA HWY	42743	UST
GREENSBURG	1001087729	KENTUCKY DEPARTMENT OF HIGHWAYS MA	COLUMBIA HWY RT 61	42743	RCRA NonGen / NLR, FINDS
GREENSBURG	1000826732	DAIRY MART #174	162 COLUMBIA STREET		RCRA NonGen / NLR, FINDS
GREENSBURG	1005653823	GREENSBURG BOTTLING CO	108 DEPOT ST PO DRAWER D		US MINES, FTTS, HIST FTTS, FINDS
GREENSBURG	S110169606	LEGION PARK DRUMS	STATE ROUTE 417 LEGION PARK RO	42743	SHWS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/09/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 62

Source: EPA
Telephone: N/A
Last EDR Contact: 11/11/2013
Next Scheduled EDR Contact: 01/20/2014
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/09/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 62

Source: EPA
Telephone: N/A
Last EDR Contact: 11/11/2013
Next Scheduled EDR Contact: 01/20/2014
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/09/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 62

Source: EPA
Telephone: N/A
Last EDR Contact: 11/11/2013
Next Scheduled EDR Contact: 01/20/2014
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/29/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 72

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 11/11/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 10/09/2012
Date Made Active in Reports: 12/20/2012
Number of Days to Update: 72

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 10/11/2013
Next Scheduled EDR Contact: 01/20/2014
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 05/29/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 72

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 11/11/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 06/17/2013
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 06/17/2013
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 104

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 08/20/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 70

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/18/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/17/2013
Date Made Active in Reports: 02/15/2013
Number of Days to Update: 29

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/01/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: State Leads List

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

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 12/02/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Quarterly

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: 07/22/2013
Date Data Arrived at EDR: 07/22/2013
Date Made Active in Reports: 07/31/2013
Number of Days to Update: 9

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
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
Date Data Arrived at EDR: 09/13/2006
Date Made Active in Reports: 10/18/2006
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 502-564-5981
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/27/2014
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: 10/01/2013
Date Data Arrived at EDR: 10/15/2013
Date Made Active in Reports: 11/26/2013
Number of Days to Update: 42

Source: Department of Environmental Protection
Telephone: 502-564-5981
Last EDR Contact: 10/15/2013
Next Scheduled EDR Contact: 01/27/2014
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2013
Next Scheduled EDR Contact: 02/11/2014
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: 08/01/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
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: 08/27/2013
Date Data Arrived at EDR: 08/27/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 66
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
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
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
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
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

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

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 07/30/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 94
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
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: 08/20/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 70
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

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: 07/18/2013
Date Data Arrived at EDR: 09/04/2013
Date Made Active in Reports: 10/09/2013
Number of Days to Update: 35
Source: Department of Environmental Protection
Telephone: 502-564-5981
Last EDR Contact: 09/04/2013
Next Scheduled EDR Contact: 12/16/2013
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: 07/29/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 92

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

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: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
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: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
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: 08/20/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 70

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Semi-Annually

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: 09/28/2012
Date Data Arrived at EDR: 11/07/2012
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 156

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2014
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
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: 02/21/2013
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 45

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/17/2013
Next Scheduled EDR Contact: 01/27/2014
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: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 12/02/2013
Next Scheduled EDR Contact: 03/17/2014
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: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 12/02/2013
Next Scheduled EDR Contact: 03/17/2014
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: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/17/2013
Number of Days to Update: 23

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 12/02/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/01/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
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: 11/19/2013
Date Data Arrived at EDR: 11/20/2013
Date Made Active in Reports: 11/26/2013
Number of Days to Update: 6
Source: Division of Compliance Assistance
Telephone: 502-564-0323
Last EDR Contact: 10/21/2013
Next Scheduled EDR Contact: 02/03/2014
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: 06/24/2013
Date Data Arrived at EDR: 06/25/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 45
Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/24/2013
Next Scheduled EDR Contact: 01/08/2014
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
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137
Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: No Update Planned

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

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39
Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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
Date Data Arrived at EDR: 03/30/2006
Date Made Active in Reports: 05/01/2006
Number of Days to Update: 32
Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 02/23/2009
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: 10/16/2013
Date Data Arrived at EDR: 10/24/2013
Date Made Active in Reports: 11/26/2013
Number of Days to Update: 33
Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 10/21/2013
Next Scheduled EDR Contact: 02/03/2014
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
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52
Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
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: 08/06/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 22
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/04/2013
Next Scheduled EDR Contact: 12/16/2013
Data Release Frequency: Quarterly

CDL: Clandestine Drub Lab Location Listing
Clandestine drug lab site locations.

Date of Government Version: 09/23/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 10/10/2013
Number of Days to Update: 16
Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 12/02/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Varies

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: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
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: 02/06/2013
Date Data Arrived at EDR: 04/25/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/13/2013
Next Scheduled EDR Contact: 02/11/2014
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: 12/31/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 55

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/01/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Annually

SPILLS: State spills

A listing of spill and/or release related incidents.

Date of Government Version: 08/09/2013
Date Data Arrived at EDR: 08/27/2013
Date Made Active in Reports: 10/10/2013
Number of Days to Update: 44

Source: DEP, Emergency Response
Telephone: 502-564-2380
Last EDR Contact: 10/21/2013
Next Scheduled EDR Contact: 02/03/2014
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: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/06/2013
Next Scheduled EDR Contact: 02/17/2014
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
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/18/2013
Next Scheduled EDR Contact: 01/27/2014
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: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
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: 06/30/2013
Date Data Arrived at EDR: 08/07/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/30/2013
Next Scheduled EDR Contact: 01/13/2014
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: 04/26/2013
Date Data Arrived at EDR: 06/11/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 143

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/13/2013
Next Scheduled EDR Contact: 12/23/2013
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
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/26/2013
Next Scheduled EDR Contact: 03/10/2014
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: 08/01/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/05/2013
Next Scheduled EDR Contact: 12/16/2013
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
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/27/2013
Next Scheduled EDR Contact: 03/10/2014
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
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/24/2013
Next Scheduled EDR Contact: 01/08/2014
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/21/2013
Next Scheduled EDR Contact: 03/10/2014
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
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/21/2014
Next Scheduled EDR Contact: 03/10/2014
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.

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

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

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

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

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

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

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
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
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: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/09/2014
Next Scheduled EDR Contact: 01/27/2014
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
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/18/2013
Next Scheduled EDR Contact: 01/27/2014
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
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Quarterly

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: 09/30/2013
Date Data Arrived at EDR: 10/09/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/09/2013
Next Scheduled EDR Contact: 01/20/2014
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: 03/08/2013
Date Data Arrived at EDR: 03/21/2013
Date Made Active in Reports: 07/10/2013
Number of Days to Update: 111

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 09/11/2013
Next Scheduled EDR Contact: 12/23/2013
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
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

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

Date of Government Version: 05/08/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
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.

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: 11/25/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Biennially

UIC: UIC Information
A listing of underground injection control wells.

Date of Government Version: 09/19/2013
Date Data Arrived at EDR: 10/22/2013
Date Made Active in Reports: 11/26/2013
Number of Days to Update: 35

Source: Kentucky Geological Survey
Telephone: 859-323-0544
Last EDR Contact: 10/22/2013
Next Scheduled EDR Contact: 02/03/2014
Data Release Frequency: Quarterly

DRYCLEANERS: Drycleaner Listing
A listing of drycleaner facility locations.

Date of Government Version: 09/05/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/10/2013
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 502-573-3382
Last EDR Contact: 12/02/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Varies

NPDES: Permitted Facility Listing
A listing of permitted wastewater facilities.

Date of Government Version: 08/06/2013
Date Data Arrived at EDR: 08/07/2013
Date Made Active in Reports: 08/14/2013
Number of Days to Update: 7

Source: Department of Environmental Protection
Telephone: 502-564-3410
Last EDR Contact: 11/08/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Varies

AIRS: Permitted Airs Facility Listing
A listing of permitted Airs facilities.

Date of Government Version: 09/05/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/10/2013
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 502-573-3382
Last EDR Contact: 12/02/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Varies

LEAD: Environmental Lead Program Report Tracking Database
Lead Report Tracking Database

Date of Government Version: 07/10/2013
Date Data Arrived at EDR: 07/16/2013
Date Made Active in Reports: 07/31/2013
Number of Days to Update: 15

Source: Department of Public Health
Telephone: 502-564-4537
Last EDR Contact: 11/08/2013
Next Scheduled EDR Contact: 02/24/2014
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: 10/18/2013
Next Scheduled EDR Contact: 01/27/2014
Data Release Frequency: Semi-Annually

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
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/18/2013
Next Scheduled EDR Contact: 02/03/2014
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
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/15/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/24/2013
Next Scheduled EDR Contact: 01/20/2014
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information.

Date of Government Version: 08/22/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 10/10/2013
Number of Days to Update: 48

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

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

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/05/2013
Date Made Active in Reports: 08/13/2013
Number of Days to Update: 8

Source: Department of Environmental Protection
Telephone: 502-564-5981
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH: Coal Ash Disposal Sites
A listing of coal ash pond site locations.

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 03/25/2013
Date Made Active in Reports: 03/29/2013
Number of Days to Update: 4
Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
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: 08/26/2013
Date Data Arrived at EDR: 08/27/2013
Date Made Active in Reports: 10/10/2013
Number of Days to Update: 44
Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 09/13/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

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
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 10/15/2013
Next Scheduled EDR Contact: 01/27/2014
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/01/2013
Next Scheduled EDR Contact: 02/11/2014
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: 03/04/2013
Date Data Arrived at EDR: 03/15/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 56
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/18/2013
Next Scheduled EDR Contact: 03/03/2014
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: 06/30/2013
Date Data Arrived at EDR: 08/13/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/15/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Quarterly

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

Date of Government Version: 01/23/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 09/30/2013
Next Scheduled EDR Contact: 01/13/2014
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: 01/23/2013
Date Data Arrived at EDR: 01/30/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 09/30/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Annually

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
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/18/2013
Next Scheduled EDR Contact: 01/27/2014
Data Release Frequency: N/A

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 10/04/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

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

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

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

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

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

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

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

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

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

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

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
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
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/22/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/18/2013
Next Scheduled EDR Contact: 01/27/2014
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: 11/01/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 11

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/21/2013
Next Scheduled EDR Contact: 02/03/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/25/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 09/27/2013
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/16/2013
Next Scheduled EDR Contact: 12/30/2013
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.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Polygon Features
Source: Environmental Protection & Public Protection Cabinet
Telephone: 502-564-5174

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

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

US 68 GREENSBURG, KY
216 SOUTH MAIN STREET
GREENSBURG, KY 42743

TARGET PROPERTY COORDINATES

Latitude (North):	37.2575 - 37° 15' 27.00''
Longitude (West):	85.5033 - 85° 30' 11.88''
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	632727.4
UTM Y (Meters):	4124284.0
Elevation:	573 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37085-C5 SUMMERSVILLE, KY
Most Recent Revision:	1961
East Map:	37085-C4 GREENSBURG, KY
Most Recent Revision:	1987
Southeast Map:	37085-B4 GRESHAM, KY
Most Recent Revision:	1987
South Map:	37085-B5 EXIE, KY
Most Recent Revision:	1987

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).

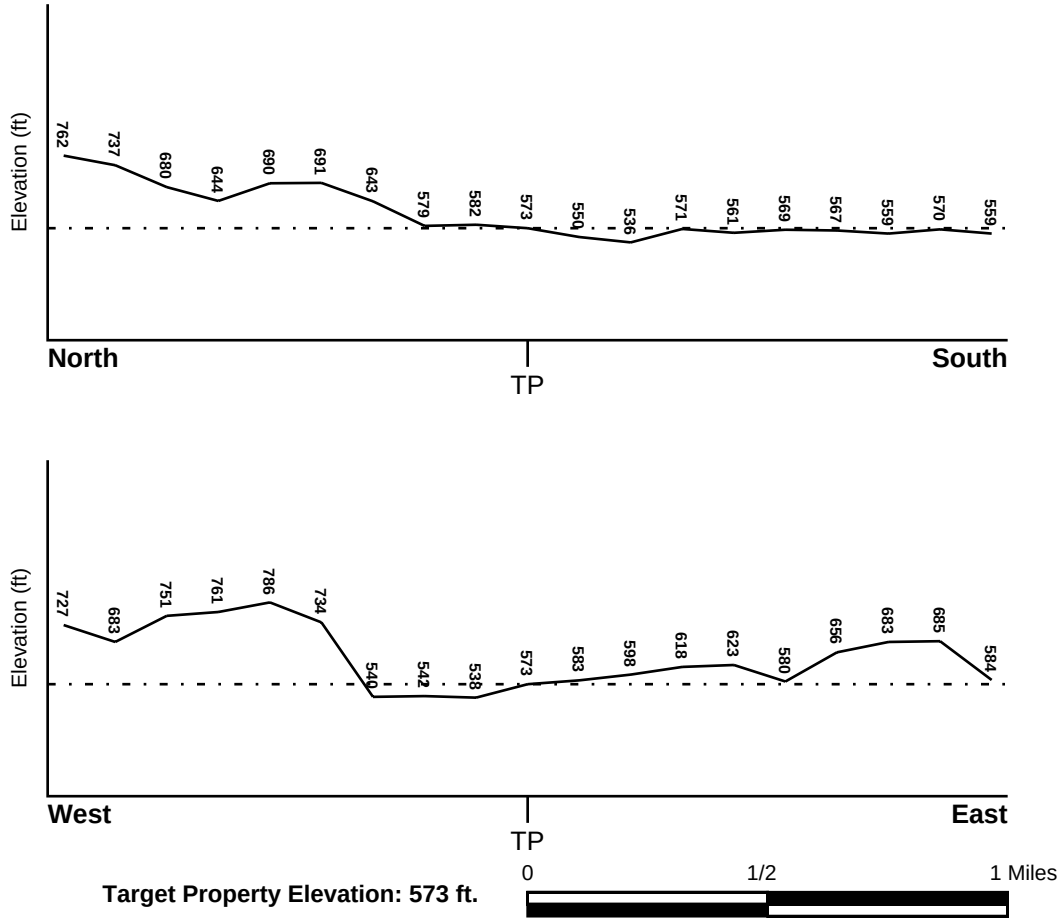
TOPOGRAPHIC INFORMATION

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 WSW

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

Target Property County	FEMA Flood Electronic Data
GREEN, KY	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 21087C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SUMMERSVILLE	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.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

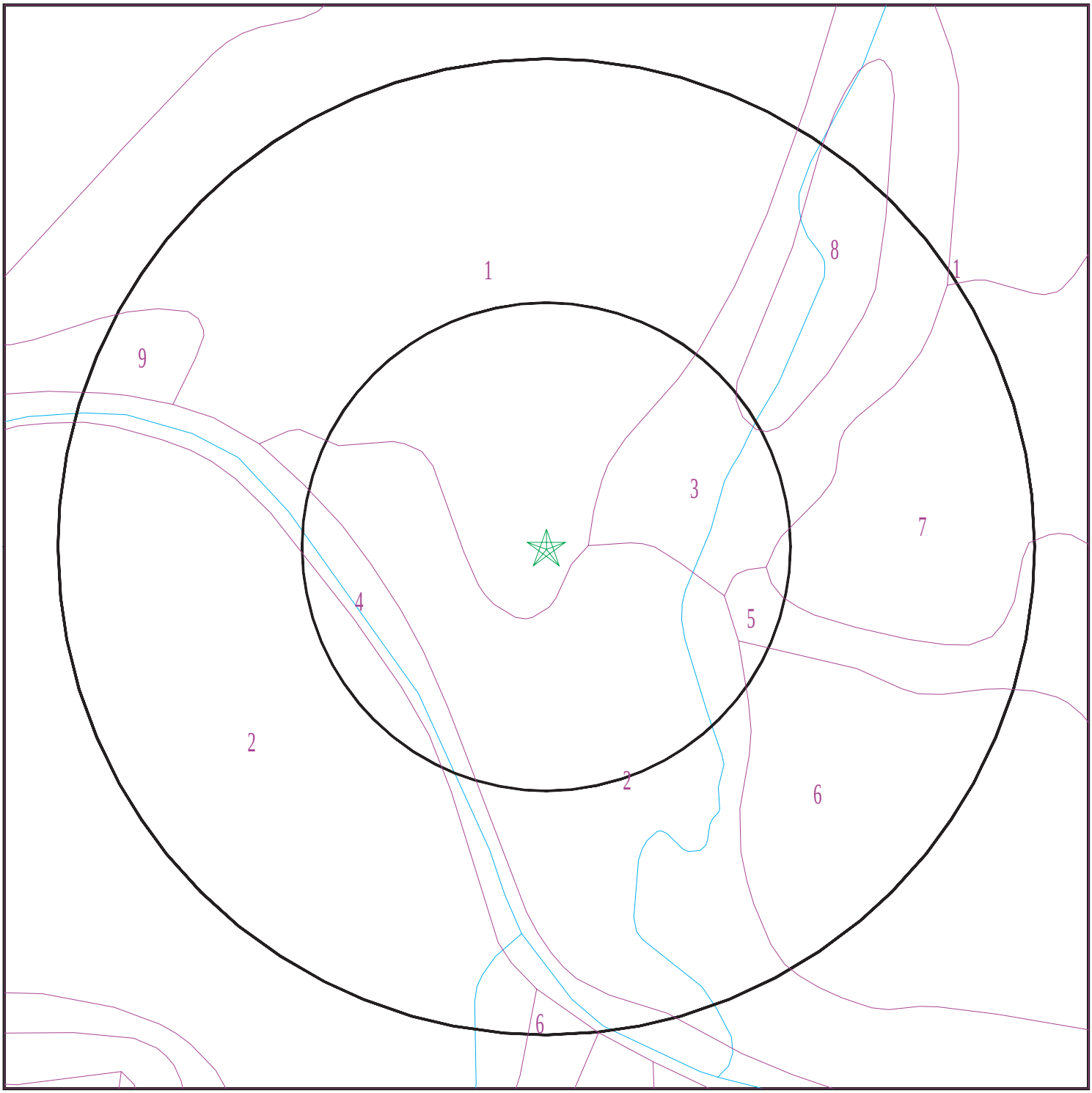
Era:	Paleozoic
System:	Mississippian
Series:	Osagean and Kinderhookian Series
Code:	M1 *(decoded above as Era, System & Series)*

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 - 3799202.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	US 68 Greensburg, KY	CLIENT:	Palmer Engineering
ADDRESS:	216 South Main Street Greensburg KY 42743	CONTACT:	Lee Carolan
		INQUIRY #:	3799202.2s
LAT/LONG:	37.2575 / 85.5033	DATE:	December 02, 2013 2:16 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Frederick

Soil Surface Texture: silty clay 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: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 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: 14.11 Min: 4.23	Max: 6 Min: 4.5
2	7 inches	55 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: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
3	55 inches	63 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: 14.11 Min: 4.23	Max: 5.5 Min: 4.5

Soil Map ID: 2

Soil Component Name: Nolin

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt 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: 14.11 Min: 4.23	Max: 7.3 Min: 5.6
2	9 inches	64 inches	silt 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: 14.11 Min: 4.23	Max: 7.3 Min: 5.6

Soil Map ID: 3

Soil Component Name: Caneyville

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 66 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 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%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 7.3 Min: 4.5
2	7 inches	11 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: 4.23 Min: 1.41	Max: 7.3 Min: 4.5
3	11 inches	25 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: 4.23 Min: 1.41	Max: 7.8 Min: 5.6
4	25 inches	29 inches	unweathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 4

Soil Component Name: Water

Soil Surface Texture: silt loam

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

Soil Drainage Class:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 5

Soil Component Name: Frankstown

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 114 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	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: 14.11 Min: 4.23	Max: 6 Min: 5.1
2	9 inches	33 inches	gravelly 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: 14.11 Min: 4.23	Max: 6 Min: 4.5
3	33 inches	44 inches	gravelly silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Clayey Gravel	Max: 14.11 Min: 4.23	Max: 6 Min: 4.5
4	44 inches	48 inches	unweathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 6

Soil Component Name: Morehead

Soil Surface Texture: silt loam

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

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 25 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	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: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
2	9 inches	51 inches	silt 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: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
3	51 inches	59 inches	silt 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: 14.11 Min: 4.23	Max: 5.5 Min: 4.5

Soil Map ID: 7

Soil Component Name: Frederick

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 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%), Lean Clay	Max: 42.34 Min: 14.11	Max: 6 Min: 4.5
2	7 inches	61 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: 14.11 Min: 4.23	Max: 5.5 Min: 4.5
3	61 inches	70 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: 14.11 Min: 4.23	Max: 5.5 Min: 4.5

Soil Map ID: 8

Soil Component Name: Newark

Soil Surface Texture: silt loam

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

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 30 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	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%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 7.3 Min: 5.6
2	9 inches	27 inches	silt 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: 14.11 Min: 4.23	Max: 7.3 Min: 5.6
3	27 inches	59 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: 14.11 Min: 4.23	Max: 7.3 Min: 5.6

Soil Map ID: 9

Soil Component Name: Lowell

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 66 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	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%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14.11 Min: 4.23	Max: 5.6 Min: 4.5
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 50% or more), Fat Clay.	Max: 14.11 Min: 1.41	Max: 6.5 Min: 5.6
3	33 inches	57 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: 4.23 Min: 1.41	Max: 7.8 Min: 5.6
4	57 inches	61 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

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	KY0440168	1/4 - 1/2 Mile SSE

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

STATE DATABASE WELL INFORMATION

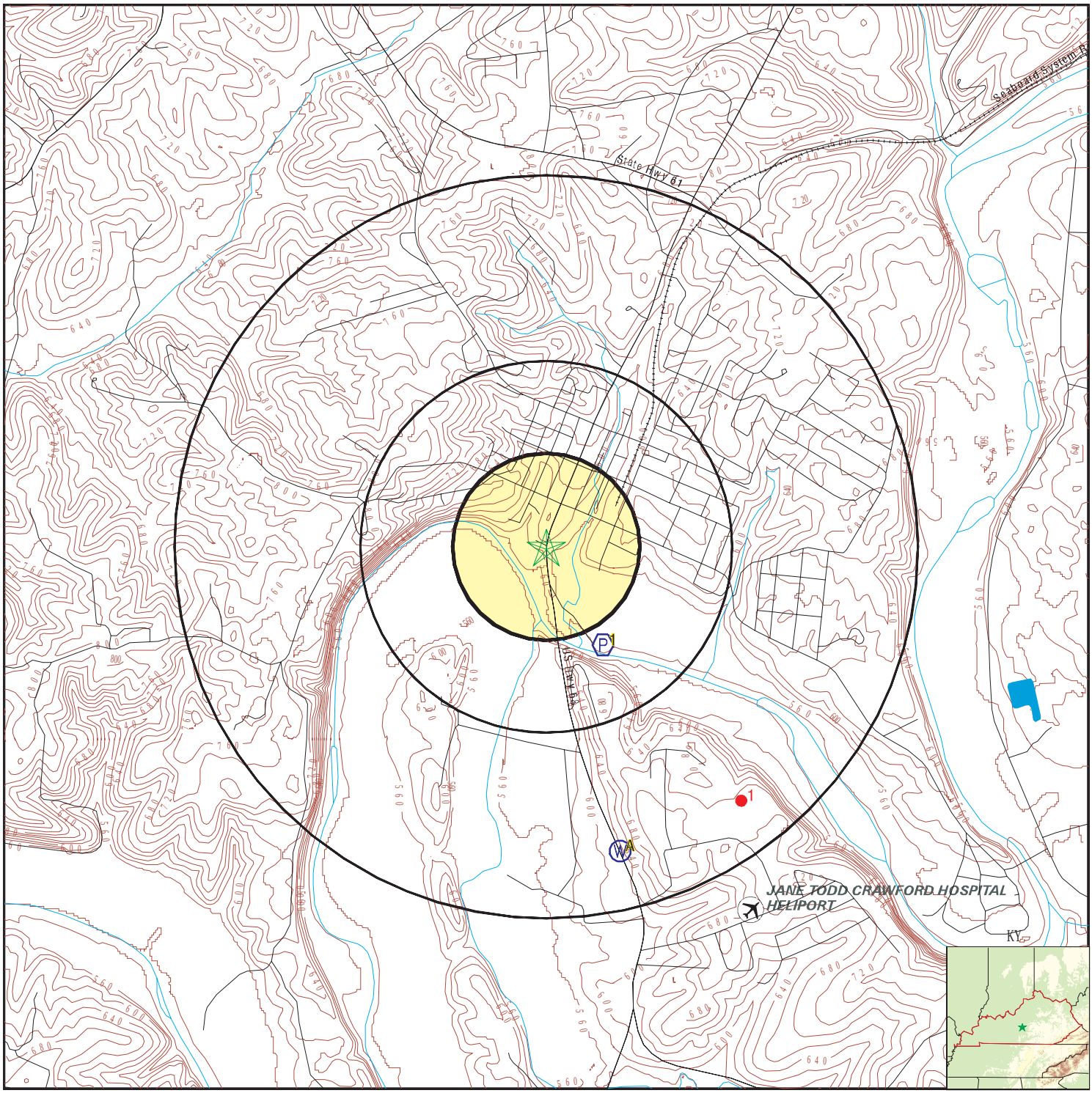
MAP ID	WELL ID	LOCATION FROM TP
A2	KY4000000028712	1/2 - 1 Mile SSE
A3	KY4000000028711	1/2 - 1 Mile SSE
A4	KY4000000028710	1/2 - 1 Mile SSE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	KYOG90000065783	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 3799202.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- Oil, gas or related wells

SITE NAME:	US 68 Greensburg, KY	CLIENT:	Palmer Engineering
ADDRESS:	216 South Main Street Greensburg KY 42743	CONTACT:	Lee Carolan
		INQUIRY #:	3799202.2s
LAT/LONG:	37.2575 / 85.5033	DATE:	December 02, 2013 2:16 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSE
1/4 - 1/2 Mile
Lower

FRDS PWS **KY0440168**

Pwsid:	KY0440168	Epa region:	04
State:	KY	County:	Green
Pws name:	GREENSBURG WATER WORKS		
Population Served:	3600	Pwssvcconn:	1079
PWS Source:	Surface_water		
Pws type:	CWS		
Status:	Active	Owner type:	Local_Govt
Facility id:	347		
Facility name:	GREENSBURG WTP		
Facility type:	Treatment_plant	Treatment process:	coagulation
Treatment objective:	particulate removal		
Contact name:	PRICE, GORDON		
Original name:	PRICE, GORDON		
Contact phone:	270-932-4298	Contact address1:	105 W HODGEVILLE AVE
Contact address2:	Not Reported		
Contact city:	GREENSBURG		
Contact zip:	42743		
Facility id:	6024		
Facility name:	PURCHASE-KY0440167 GREEN-TAYLOR		
Facility type:	Consecutive_connection	Treatment process:	coagulation
Treatment objective:	particulate removal		
Facility id:	6038		
Facility name:	PURCHASE-KY1090060 CAMPBELLSVILLE		
Facility type:	Consecutive_connection	Treatment process:	coagulation
Treatment objective:	particulate removal		
Facility id:	3120		
Facility name:	DISTRIBUTION - GREENSBURG WATER WORKS		
Facility type:	Distribution_system_zone	Treatment process:	flocculation
Treatment objective:	particulate removal		
Facility id:	3121		
Facility name:	INTAKE - GREEN RIVER		
Facility type:	Intake	Treatment process:	flocculation
Treatment objective:	particulate removal		
Facility id:	6038		
Facility name:	PURCHASE-KY1090060 CAMPBELLSVILLE		
Facility type:	Consecutive_connection	Treatment process:	fluoridation
Treatment objective:	other		
Facility id:	3120		
Facility name:	DISTRIBUTION - GREENSBURG WATER WORKS		
Facility type:	Distribution_system_zone	Treatment process:	permanganate
Treatment objective:	iron removal		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility id:	3121		
Facility name:	INTAKE - GREEN RIVER		
Facility type:	Intake	Treatment process:	permanganate
Treatment objective:	iron removal		
Facility id:	347		
Facility name:	GREENSBURG WTP		
Facility type:	Treatment_plant	Treatment process:	permanganate
Treatment objective:	iron removal		
Facility id:	6024		
Facility name:	PURCHASE-KY0440167 GREEN-TAYLOR		
Facility type:	Consecutive_connection	Treatment process:	permanganate
Treatment objective:	iron removal		
Facility id:	6038		
Facility name:	PURCHASE-KY1090060 CAMPBELLSVILLE		
Facility type:	Consecutive_connection	Treatment process:	permanganate
Treatment objective:	iron removal		
Facility id:	3120		
Facility name:	DISTRIBUTION - GREENSBURG WATER WORKS		
Facility type:	Distribution_system_zone	Treatment process:	coagulation
Treatment objective:	particulate removal		
Facility id:	3121		
Facility name:	INTAKE - GREEN RIVER		
Facility type:	Intake	Treatment process:	coagulation
Treatment objective:	particulate removal		
Facility id:	347		
Facility name:	GREENSBURG WTP		
Facility type:	Treatment_plant	Treatment process:	flocculation
Treatment objective:	particulate removal		
Facility id:	6024		
Facility name:	PURCHASE-KY0440167 GREEN-TAYLOR		
Facility type:	Consecutive_connection	Treatment process:	flocculation
Treatment objective:	particulate removal		
Facility id:	6038		
Facility name:	PURCHASE-KY1090060 CAMPBELLSVILLE		
Facility type:	Consecutive_connection	Treatment process:	flocculation
Treatment objective:	particulate removal		
Facility id:	3120		
Facility name:	DISTRIBUTION - GREENSBURG WATER WORKS		
Facility type:	Distribution_system_zone	Treatment process:	inhibitor, polyphosphate
Treatment objective:	corrosion control		
Facility id:	3121		
Facility name:	INTAKE - GREEN RIVER		
Facility type:	Intake	Treatment process:	inhibitor, polyphosphate
Treatment objective:	corrosion control		

Facility id:	347		
Facility name:	GREENSBURG WTP		
Facility type:	Treatment_plant	Treatment process:	inhibitor, polyphosphate
Treatment objective:	corrosion control		
Facility id:	6024		
Facility name:	PURCHASE-KY0440167 GREEN-TAYLOR		
Facility type:	Consecutive_connection	Treatment process:	inhibitor, polyphosphate
Treatment objective:	corrosion control		
Facility id:	6038		
Facility name:	PURCHASE-KY1090060 CAMPBELLSVILLE		
Facility type:	Consecutive_connection	Treatment process:	inhibitor, polyphosphate
Treatment objective:	corrosion control		
Facility id:	3120		
Facility name:	DISTRIBUTION - GREENSBURG WATER WORKS		
Facility type:	Distribution_system_zone	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	3121		
Facility name:	INTAKE - GREEN RIVER		
Facility type:	Intake	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	347		
Facility name:	GREENSBURG WTP		
Facility type:	Treatment_plant	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	6024		
Facility name:	PURCHASE-KY0440167 GREEN-TAYLOR		
Facility type:	Consecutive_connection	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	6038		
Facility name:	PURCHASE-KY1090060 CAMPBELLSVILLE		
Facility type:	Consecutive_connection	Treatment process:	gaseous chlorination, post
Treatment objective:	disinfection		
Facility id:	3120		
Facility name:	DISTRIBUTION - GREENSBURG WATER WORKS		
Facility type:	Distribution_system_zone	Treatment process:	filtered
Treatment objective:	particulate removal		
Facility id:	3121		
Facility name:	INTAKE - GREEN RIVER		
Facility type:	Intake	Treatment process:	filtered
Treatment objective:	particulate removal		
Facility id:	347		
Facility name:	GREENSBURG WTP		
Facility type:	Treatment_plant	Treatment process:	filtered
Treatment objective:	particulate removal		

Facility id:	6024		
Facility name:	PURCHASE-KY0440167 GREEN-TAYLOR		
Facility type:	Consecutive_connection	Treatment process:	filtered
Treatment objective:	particulate removal		
Facility id:	6038		
Facility name:	PURCHASE-KY1090060 CAMPBELLSVILLE		
Facility type:	Consecutive_connection	Treatment process:	filtered
Treatment objective:	particulate removal		
Facility id:	3120		
Facility name:	DISTRIBUTION - GREENSBURG WATER WORKS		
Facility type:	Distribution_system_zone	Treatment process:	fluoridation
Treatment objective:	other		
Facility id:	3121		
Facility name:	INTAKE - GREEN RIVER		
Facility type:	Intake	Treatment process:	fluoridation
Treatment objective:	other		
Facility id:	347		
Facility name:	GREENSBURG WTP		
Facility type:	Treatment_plant	Treatment process:	fluoridation
Treatment objective:	other		
Facility id:	6024		
Facility name:	PURCHASE-KY0440167 GREEN-TAYLOR		
Facility type:	Consecutive_connection	Treatment process:	fluoridation
Treatment objective:	other		
Facility id:	3120		
Facility name:	DISTRIBUTION - GREENSBURG WATER WORKS		
Facility type:	Distribution_system_zone	Treatment process:	activated carbon, powdered
Treatment objective:	taste / odor control		
Facility id:	3121		
Facility name:	INTAKE - GREEN RIVER		
Facility type:	Intake	Treatment process:	activated carbon, powdered
Treatment objective:	taste / odor control		
Facility id:	347		
Facility name:	GREENSBURG WTP		
Facility type:	Treatment_plant	Treatment process:	activated carbon, powdered
Treatment objective:	taste / odor control		
Facility id:	6024		
Facility name:	PURCHASE-KY0440167 GREEN-TAYLOR		
Facility type:	Consecutive_connection	Treatment process:	activated carbon, powdered
Treatment objective:	taste / odor control		
Facility id:	6038		
Facility name:	PURCHASE-KY1090060 CAMPBELLSVILLE		
Facility type:	Consecutive_connection	Treatment process:	activated carbon, powdered
Treatment objective:	taste / odor control		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Facility id: 3120
Facility name: DISTRIBUTION - GREENSBURG WATER WORKS
Facility type: Distribution_system_zone Treatment process: gaseous chlorination, pre
Treatment objective: disinfection

Facility id: 3121
Facility name: INTAKE - GREEN RIVER
Facility type: Intake Treatment process: gaseous chlorination, pre
Treatment objective: disinfection

Facility id: 347
Facility name: GREENSBURG WTP
Facility type: Treatment_plant Treatment process: gaseous chlorination, pre
Treatment objective: disinfection

Facility id: 6024
Facility name: PURCHASE-KY0440167 GREEN-TAYLOR
Facility type: Consecutive_connection Treatment process: gaseous chlorination, pre
Treatment objective: disinfection

Facility id: 6038
Facility name: PURCHASE-KY1090060 CAMPBELLSVILLE
Facility type: Consecutive_connection Treatment process: gaseous chlorination, pre
Treatment objective: disinfection

Facility id: 3120
Facility name: DISTRIBUTION - GREENSBURG WATER WORKS
Facility type: Distribution_system_zone Treatment process: sedimentation
Treatment objective: particulate removal

Facility id: 3121
Facility name: INTAKE - GREEN RIVER
Facility type: Intake Treatment process: sedimentation
Treatment objective: particulate removal

Facility id: 347
Facility name: GREENSBURG WTP
Facility type: Treatment_plant Treatment process: sedimentation
Treatment objective: particulate removal

Facility id: 6024
Facility name: PURCHASE-KY0440167 GREEN-TAYLOR
Facility type: Consecutive_connection Treatment process: sedimentation
Treatment objective: particulate removal

Facility id: 6038
Facility name: PURCHASE-KY1090060 CAMPBELLSVILLE
Facility type: Consecutive_connection Treatment process: sedimentation
Treatment objective: particulate removal

PWS ID: KY0440168
Date Initiated: Not Reported Date Deactivated: Not Reported
PWS Name: GREENSBURG WATER WORKS
L C ESTES
105 W HODGENVILLE AVE
GREENSBURG, KY 427430000

Addressee / Facility: Not Reported

Facility Latitude: 37 15 13.0000 Facility Longitude: 85 30 2.0000
City Served: GREENSBURG
Treatment Class: Treated Population: 3500

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate: 03/31/2009 Pwsid: KY0440168
Pwsname: GREENSBURG WATER WORKS
Retpopsrvd: 2396 Pwstypecod: C
Vioid: 6231700 Contaminant: LEAD & COPPER RULE
Viol. Type: Follow-up and Routine Tap Sampling
Complperbe: 1/1/1994 0:00:00
Complperen: 6/7/2000 0:00:00 Enfdate: 6/7/2000 0:00:00
Enf action: State Compliance Achieved
Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: KY0440168
Pwsname: GREENSBURG WATER WORKS
Retpopsrvd: 2396 Pwstypecod: C
Vioid: 6231700 Contaminant: LEAD & COPPER RULE
Viol. Type: Follow-up and Routine Tap Sampling
Complperbe: 1/1/1994 0:00:00
Complperen: 6/7/2000 0:00:00 Enfdate: 4/2/2007 0:00:00
Enf action: State Public Notif Received
Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: KY0440168
Pwsname: GREENSBURG WATER WORKS
Retpopsrvd: 2396 Pwstypecod: C
Vioid: 6231700 Contaminant: LEAD & COPPER RULE
Viol. Type: Follow-up and Routine Tap Sampling
Complperbe: 1/1/1994 0:00:00
Complperen: 6/7/2000 0:00:00 Enfdate: 8/1/2000 0:00:00
Enf action: State Formal NOV Issued
Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: KY0440168
Pwsname: GREENSBURG WATER WORKS
Retpopsrvd: 2396 Pwstypecod: C
Vioid: 6231700 Contaminant: LEAD & COPPER RULE
Viol. Type: Follow-up and Routine Tap Sampling
Complperbe: 1/1/1994 0:00:00
Complperen: 6/7/2000 0:00:00 Enfdate: 8/1/2000 0:00:00
Enf action: State Violation/Reminder Notice
Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: KY0440168
Pwsname: GREENSBURG WATER WORKS
Retpopsrvd: 2396 Pwstypecod: C
Vioid: 6231700 Contaminant: LEAD & COPPER RULE
Viol. Type: Follow-up and Routine Tap Sampling
Complperbe: 1/1/1994 0:00:00
Complperen: 6/7/2000 0:00:00 Enfdate: 8/1/2000 0:00:00
Enf action: State Public Notif Requested
Violmeasur: Not Reported

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	6245603	Contaminant:	2456
Viol. Type:	2		
Complperbe:	7/1/2003 0:00:00		
Complperen:	9/30/2003 0:00:00	Enfdate:	10/31/2003 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	0.07		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	6245603	Contaminant:	2456
Viol. Type:	2		
Complperbe:	7/1/2003 0:00:00		
Complperen:	9/30/2003 0:00:00	Enfdate:	10/31/2003 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	0.07		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	6245603	Contaminant:	2456
Viol. Type:	2		
Complperbe:	7/1/2003 0:00:00		
Complperen:	9/30/2003 0:00:00	Enfdate:	11/28/2003 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	0.07		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	6245603	Contaminant:	2456
Viol. Type:	2		
Complperbe:	7/1/2003 0:00:00		
Complperen:	9/30/2003 0:00:00	Enfdate:	3/1/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	0.07		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	6460704	Contaminant:	2456
Viol. Type:	2		
Complperbe:	10/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	2/25/2004 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	0.06		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	6460704	Contaminant:	2456
Viol. Type:	2		
Complperbe:	10/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	2/25/2004 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	0.06		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	6460704	Contaminant:	2456
Viol. Type:	2		
Complperbe:	10/1/2003 0:00:00		
Complperen:	12/31/2003 0:00:00	Enfdate:	3/1/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	0.06		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9942502	Contaminant:	TTHM
Viol. Type:	2		
Complperbe:	10/1/2002 0:00:00		
Complperen:	12/31/2002 0:00:00	Enfdate:	1/31/2003 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	0.08		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9942502	Contaminant:	TTHM
Viol. Type:	2		
Complperbe:	10/1/2002 0:00:00		
Complperen:	12/31/2002 0:00:00	Enfdate:	1/31/2003 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	0.08		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9942502	Contaminant:	TTHM
Viol. Type:	2		
Complperbe:	10/1/2002 0:00:00		
Complperen:	12/31/2002 0:00:00	Enfdate:	10/1/2003 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	0.08		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9942502	Contaminant:	TTHM
Viol. Type:	2		
Complperbe:	10/1/2002 0:00:00		
Complperen:	12/31/2002 0:00:00	Enfdate:	6/12/2003 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	0.08		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9950102	Contaminant:	TTHM
Viol. Type:	2		
Complperbe:	1/1/2003 0:00:00		
Complperen:	3/31/2003 0:00:00	Enfdate:	3/1/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	0.09		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9950102	Contaminant:	TTHM
Viol. Type:	2		
Complperbe:	1/1/2003 0:00:00		
Complperen:	3/31/2003 0:00:00	Enfdate:	4/30/2003 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	0.09		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9950102	Contaminant:	TTHM
Viol. Type:	2		
Complperbe:	1/1/2003 0:00:00		
Complperen:	3/31/2003 0:00:00	Enfdate:	6/12/2003 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	0.09		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9950102	Contaminant:	TTHM
Viol. Type:	2		
Complperbe:	1/1/2003 0:00:00		
Complperen:	3/31/2003 0:00:00	Enfdate:	4/30/2003 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	0.09		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9950202	Contaminant:	2456
Viol. Type:	2		
Complperbe:	1/1/2003 0:00:00		
Complperen:	3/31/2003 0:00:00	Enfdate:	3/1/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	0.12		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9950202	Contaminant:	2456
Viol. Type:	2		
Complperbe:	1/1/2003 0:00:00		
Complperen:	3/31/2003 0:00:00	Enfdate:	4/30/2003 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	0.12		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9950202	Contaminant:	2456
Viol. Type:	2		
Complperbe:	1/1/2003 0:00:00		
Complperen:	3/31/2003 0:00:00	Enfdate:	4/30/2003 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	0.12		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9950202	Contaminant:	2456
Viol. Type:	2		
Complperbe:	1/1/2003 0:00:00		
Complperen:	3/31/2003 0:00:00	Enfdate:	6/12/2003 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	0.12		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9950302	Contaminant:	TTHM
Viol. Type:	2		
Complperbe:	4/1/2003 0:00:00		
Complperen:	6/30/2003 0:00:00	Enfdate:	3/1/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	0.08		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9950302	Contaminant:	TTHM
Viol. Type:	2		
Complperbe:	4/1/2003 0:00:00		
Complperen:	6/30/2003 0:00:00	Enfdate:	7/31/2003 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	0.08		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9950302	Contaminant:	TTHM
Viol. Type:	2		
Complperbe:	4/1/2003 0:00:00		
Complperen:	6/30/2003 0:00:00	Enfdate:	7/31/2003 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	0.08		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9950403	Contaminant:	2456
Viol. Type:	2		
Complperbe:	4/1/2003 0:00:00		
Complperen:	6/30/2003 0:00:00	Enfdate:	3/1/2004 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	0.08		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Vioid:	9950403	Contaminant:	2456
Viol. Type:	2		
Complperbe:	4/1/2003 0:00:00		
Complperen:	6/30/2003 0:00:00	Enfdate:	8/19/2003 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	0.08		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Violid:	9950403	Contaminant:	2456
Viol. Type:	2		
Complperbe:	4/1/2003 0:00:00		
Complperen:	6/30/2003 0:00:00	Enfdate:	7/31/2003 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	0.08		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Violid:	9950403	Contaminant:	2456
Viol. Type:	2		
Complperbe:	4/1/2003 0:00:00		
Complperen:	6/30/2003 0:00:00	Enfdate:	7/31/2003 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	0.08		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Violid:	9950806	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Minor (TCR)		
Complperbe:	11/1/2007 0:00:00		
Complperen:	11/30/2007 0:00:00	Enfdate:	1/16/2008 0:00:00
Enf action:	State Public Notif Requested		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Violid:	9950806	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Minor (TCR)		
Complperbe:	11/1/2007 0:00:00		
Complperen:	11/30/2007 0:00:00	Enfdate:	1/16/2008 0:00:00
Enf action:	State Public Notif Received		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Violid:	9950806	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Minor (TCR)		
Complperbe:	11/1/2007 0:00:00		
Complperen:	11/30/2007 0:00:00	Enfdate:	1/16/2008 0:00:00
Enf action:	State Formal NOV Issued		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	KY0440168
Pwsname:	GREENSBURG WATER WORKS		
Retpopsrvd:	2396	Pwstypecod:	C
Violid:	9950806	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Routine Minor (TCR)		
Complperbe:	11/1/2007 0:00:00		
Complperen:	11/30/2007 0:00:00	Enfdate:	2/18/2008 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

ENFORCEMENT INFORMATION:

System Name:	GREENSBURG WATER WORKS		
Violation Type:	Follow-up and Routine Tap Sampling		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1/1/1994 0:00:00 - 6/7/2000 0:00:00		
Violation ID:	6231700		
Enforcement Date:	6/7/2000 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GREENSBURG WATER WORKS		
Violation Type:	Follow-up and Routine Tap Sampling		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1/1/1994 0:00:00 - 6/7/2000 0:00:00		
Violation ID:	6231700		
Enforcement Date:	8/1/2000 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GREENSBURG WATER WORKS		
Violation Type:	Follow-up and Routine Tap Sampling		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1/1/1994 0:00:00 - 6/7/2000 0:00:00		
Violation ID:	6231700		
Enforcement Date:	8/1/2000 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	GREENSBURG WATER WORKS		
Violation Type:	Follow-up and Routine Tap Sampling		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1/1/1994 0:00:00 - 6/7/2000 0:00:00		
Violation ID:	6231700		
Enforcement Date:	8/1/2000 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GREENSBURG WATER WORKS		
Violation Type:	Follow-up and Routine Tap Sampling		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1/1/1994 0:00:00 - 6/7/2000 0:00:00		
Violation ID:	6231700		
Enforcement Date:	8/1/2000 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	GREENSBURG WATER WORKS		
Violation Type:	Follow-up and Routine Tap Sampling		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1/1/1994 0:00:00 - 6/7/2000 0:00:00		
Violation ID:	6231700		
Enforcement Date:	8/1/2000 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GREENSBURG WATER WORKS		
Violation Type:	Follow-up and Routine Tap Sampling		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1/1/1994 0:00:00 - 6/7/2000 0:00:00		
Violation ID:	6231700		
Enforcement Date:	6/7/2000 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GREENSBURG WATER WORKS		
Violation Type:	Follow-up and Routine Tap Sampling		
Contaminant:	LEAD & COPPER RULE		
Compliance Period:	1/1/1994 0:00:00 - 6/7/2000 0:00:00		
Violation ID:	6231700		
Enforcement Date:	8/1/2000 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	7/1/2003 0:00:00 - 9/30/2003 0:00:00		
Violation ID:	6245603		
Enforcement Date:	10/31/2003 0:00:00	Enf. Action:	State Formal NOV Issued

ENFORCEMENT INFORMATION:

System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	7/1/2003 0:00:00 - 9/30/2003 0:00:00		
Violation ID:	6245603		
Enforcement Date:	10/31/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	7/1/2003 0:00:00 - 9/30/2003 0:00:00		
Violation ID:	6245603		
Enforcement Date:	10/31/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	7/1/2003 0:00:00 - 9/30/2003 0:00:00		
Violation ID:	6245603		
Enforcement Date:	10/31/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	7/1/2003 0:00:00 - 9/30/2003 0:00:00		
Violation ID:	6245603		
Enforcement Date:	3/1/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	7/1/2003 0:00:00 - 9/30/2003 0:00:00		
Violation ID:	6245603		
Enforcement Date:	11/28/2003 0:00:00	Enf. Action:	State Public Notif Received
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	7/1/2003 0:00:00 - 9/30/2003 0:00:00		
Violation ID:	6245603		
Enforcement Date:	3/1/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	7/1/2003 0:00:00 - 9/30/2003 0:00:00		
Violation ID:	6245603		
Enforcement Date:	11/28/2003 0:00:00	Enf. Action:	State Public Notif Received
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	6460704		
Enforcement Date:	2/25/2004 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	6460704		
Enforcement Date:	3/1/2004 0:00:00	Enf. Action:	State Compliance Achieved

ENFORCEMENT INFORMATION:

System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	6460704		
Enforcement Date:	2/25/2004 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	6460704		
Enforcement Date:	2/25/2004 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	6460704		
Enforcement Date:	3/1/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	6460704		
Enforcement Date:	2/25/2004 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	10/1/2002 0:00:00 - 12/31/2002 0:00:00		
Violation ID:	9942502		
Enforcement Date:	10/1/2003 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	10/1/2002 0:00:00 - 12/31/2002 0:00:00		
Violation ID:	9942502		
Enforcement Date:	1/31/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	10/1/2002 0:00:00 - 12/31/2002 0:00:00		
Violation ID:	9942502		
Enforcement Date:	1/31/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	10/1/2002 0:00:00 - 12/31/2002 0:00:00		
Violation ID:	9942502		
Enforcement Date:	6/12/2003 0:00:00	Enf. Action:	State Public Notif Received
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	10/1/2002 0:00:00 - 12/31/2002 0:00:00		
Violation ID:	9942502		
Enforcement Date:	10/1/2003 0:00:00	Enf. Action:	State Compliance Achieved

ENFORCEMENT INFORMATION:

System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	10/1/2002 0:00:00 - 12/31/2002 0:00:00		
Violation ID:	9942502		
Enforcement Date:	1/31/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	10/1/2002 0:00:00 - 12/31/2002 0:00:00		
Violation ID:	9942502		
Enforcement Date:	6/12/2003 0:00:00	Enf. Action:	State Public Notif Received
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	10/1/2002 0:00:00 - 12/31/2002 0:00:00		
Violation ID:	9942502		
Enforcement Date:	1/31/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	1/1/2003 0:00:00 - 3/31/2003 0:00:00		
Violation ID:	9950102		
Enforcement Date:	6/12/2003 0:00:00	Enf. Action:	State Public Notif Received
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	1/1/2003 0:00:00 - 3/31/2003 0:00:00		
Violation ID:	9950102		
Enforcement Date:	4/30/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	1/1/2003 0:00:00 - 3/31/2003 0:00:00		
Violation ID:	9950102		
Enforcement Date:	6/12/2003 0:00:00	Enf. Action:	State Public Notif Received
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	1/1/2003 0:00:00 - 3/31/2003 0:00:00		
Violation ID:	9950102		
Enforcement Date:	4/30/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	1/1/2003 0:00:00 - 3/31/2003 0:00:00		
Violation ID:	9950102		
Enforcement Date:	4/30/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	1/1/2003 0:00:00 - 3/31/2003 0:00:00		
Violation ID:	9950102		
Enforcement Date:	3/1/2004 0:00:00	Enf. Action:	State Compliance Achieved

ENFORCEMENT INFORMATION:

System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	1/1/2003 0:00:00 - 3/31/2003 0:00:00		
Violation ID:	9950102		
Enforcement Date:	4/30/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	1/1/2003 0:00:00 - 3/31/2003 0:00:00		
Violation ID:	9950102		
Enforcement Date:	3/1/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	1/1/2003 0:00:00 - 3/31/2003 0:00:00		
Violation ID:	9950202		
Enforcement Date:	3/1/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	1/1/2003 0:00:00 - 3/31/2003 0:00:00		
Violation ID:	9950202		
Enforcement Date:	4/30/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	1/1/2003 0:00:00 - 3/31/2003 0:00:00		
Violation ID:	9950202		
Enforcement Date:	4/30/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	1/1/2003 0:00:00 - 3/31/2003 0:00:00		
Violation ID:	9950202		
Enforcement Date:	6/12/2003 0:00:00	Enf. Action:	State Public Notif Received
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	1/1/2003 0:00:00 - 3/31/2003 0:00:00		
Violation ID:	9950202		
Enforcement Date:	4/30/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	1/1/2003 0:00:00 - 3/31/2003 0:00:00		
Violation ID:	9950202		
Enforcement Date:	4/30/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	1/1/2003 0:00:00 - 3/31/2003 0:00:00		
Violation ID:	9950202		
Enforcement Date:	6/12/2003 0:00:00	Enf. Action:	State Public Notif Received

ENFORCEMENT INFORMATION:

System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	1/1/2003 0:00:00 - 3/31/2003 0:00:00		
Violation ID:	9950202		
Enforcement Date:	3/1/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	9950302		
Enforcement Date:	3/1/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	9950302		
Enforcement Date:	7/31/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	9950302		
Enforcement Date:	7/31/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	9950302		
Enforcement Date:	7/31/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	9950302		
Enforcement Date:	3/1/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	TTHM		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	9950302		
Enforcement Date:	7/31/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	9950403		
Enforcement Date:	8/19/2003 0:00:00	Enf. Action:	State Public Notif Received
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	9950403		
Enforcement Date:	7/31/2003 0:00:00	Enf. Action:	State Public Notif Requested

ENFORCEMENT INFORMATION:

System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	9950403		
Enforcement Date:	7/31/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	9950403		
Enforcement Date:	3/1/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	9950403		
Enforcement Date:	7/31/2003 0:00:00	Enf. Action:	State Public Notif Requested
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	9950403		
Enforcement Date:	8/19/2003 0:00:00	Enf. Action:	State Public Notif Received
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	9950403		
Enforcement Date:	3/1/2004 0:00:00	Enf. Action:	State Compliance Achieved
System Name:	GREENSBURG WATER WORKS		
Violation Type:	2		
Contaminant:	2456		
Compliance Period:	4/1/2003 0:00:00 - 6/30/2003 0:00:00		
Violation ID:	9950403		
Enforcement Date:	7/31/2003 0:00:00	Enf. Action:	State Formal NOV Issued
System Name:	GREENSBURG WATER WORKS		
Violation Type:	Monitoring, Routine Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1999-10-01 - 1999-10-31		
Violation ID:	9994131		
Enforcement Date:	1999-11-23	Enf. Action:	State Violation/Reminder Notice
System Name:	GREENSBURG WATER WORKS		
Violation Type:	Monitoring, Routine Minor (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1999-10-01 - 1999-10-31		
Violation ID:	9994131		
Enforcement Date:	1999-11-23	Enf. Action:	State Public Notif Requested

CONTACT INFORMATION:

Name:	GREENSBURG WATER WORKS	Population:	2396
Contact:	PRICE, GORDON	Phone:	Not Reported
Address:	105 W HODGEVILLE AVE		
Address 2:	GREENSBURG		
	KY, 42 270-9		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A2
SSE
1/2 - 1 Mile
Higher

KY WELLS **KY4000000028712**

Location i:	267601		
North lati:	37.24562		
West longi:	-85.49969		
Akgwa numb:	80047749	Site type:	Mine
Primary us:	Monitoring - Ambient	Constructi:	02/11/2003
Site id:	KY4000000028712		

A3
SSE
1/2 - 1 Mile
Higher

KY WELLS **KY4000000028711**

Location i:	267599		
North lati:	37.24562		
West longi:	-85.49969		
Akgwa numb:	80047741	Site type:	Mine
Primary us:	Monitoring - Ambient	Constructi:	02/11/2003
Site id:	KY4000000028711		

A4
SSE
1/2 - 1 Mile
Higher

KY WELLS **KY4000000028710**

Location i:	267600		
North lati:	37.24562		
West longi:	-85.49969		
Akgwa numb:	80047745	Site type:	Mine
Primary us:	Monitoring - Ambient	Constructi:	02/11/2003
Site id:	KY4000000028710		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
SE **OIL_GAS** **KYOG90000065783**
1/2 - 1 Mile

Api:	16087006680000	Kgs recno:	2014555
Letter:	I	Number :	49
Section:	5	Fns:	900
Ns:	N	Few:	1800
Ew:	W	Surf elev:	692
Usgs quad:	GRESHAM	County:	GREEN
Org farm:	INDS FOUNDATION OF GREENSBURG		
Org oper:	EDMONTON MANUFACTURING CO		
Org wellno:	1	Td:	325
Tdfm:	344CORN	Deepst pay:	000
Iof ip:	Not Reported	Org wclass:	UNC
Org result:	GAS	Cmpl date:	02/08/1977
Plug date:	12/30/1899	Plug afdvt:	Not Reported
Core:	Not Reported	Cuttings:	0
Elog:	Not Reported	Plotsymbol:	GAS
Kgs permit:	31834		
Images:	http://kgs.uky.edu/oilgasimages/0/2/0/1/4/R02014555/R02014555.djvu?djvuopts&thumbnails=yes&menu=yes&zoom=page		
Bore type:	V		
Rec lat27:	37.24752819		
Rec lng27:	-85.4938168291		
Rec lat83:	37.2475885357		
Rec lng83:	-85.4937826		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: KY Radon

Radon Test Results

Zip	Test Date	Test Result
42743	2/22/2002	4.60
42743	2/22/2002	4.60
42743	9/6/2002	5.10
42743	1/25/2003	1.50
42743	3/3/2003	3.00
42743	2/23/2003	27.80
42743	3/3/2003	2.50
42743	11/1/2003	2.40
42743	11/10/2003	1.60
42743	6/16/2004	1.10
42743	3/18/2004	0.50
42743	4/3/2005	4.60
42743	4/3/2005	3.40
42743	5/12/2005	2.20
42743	5/13/2005	1.60
42743	5/13/2005	0.20
42743	5/13/2005	8.90
42743	5/13/2005	0.50

Federal EPA Radon Zone for GREEN County: 1

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: 42743

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.600 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.850 pCi/L	50%	50%	0%

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 and 2005 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

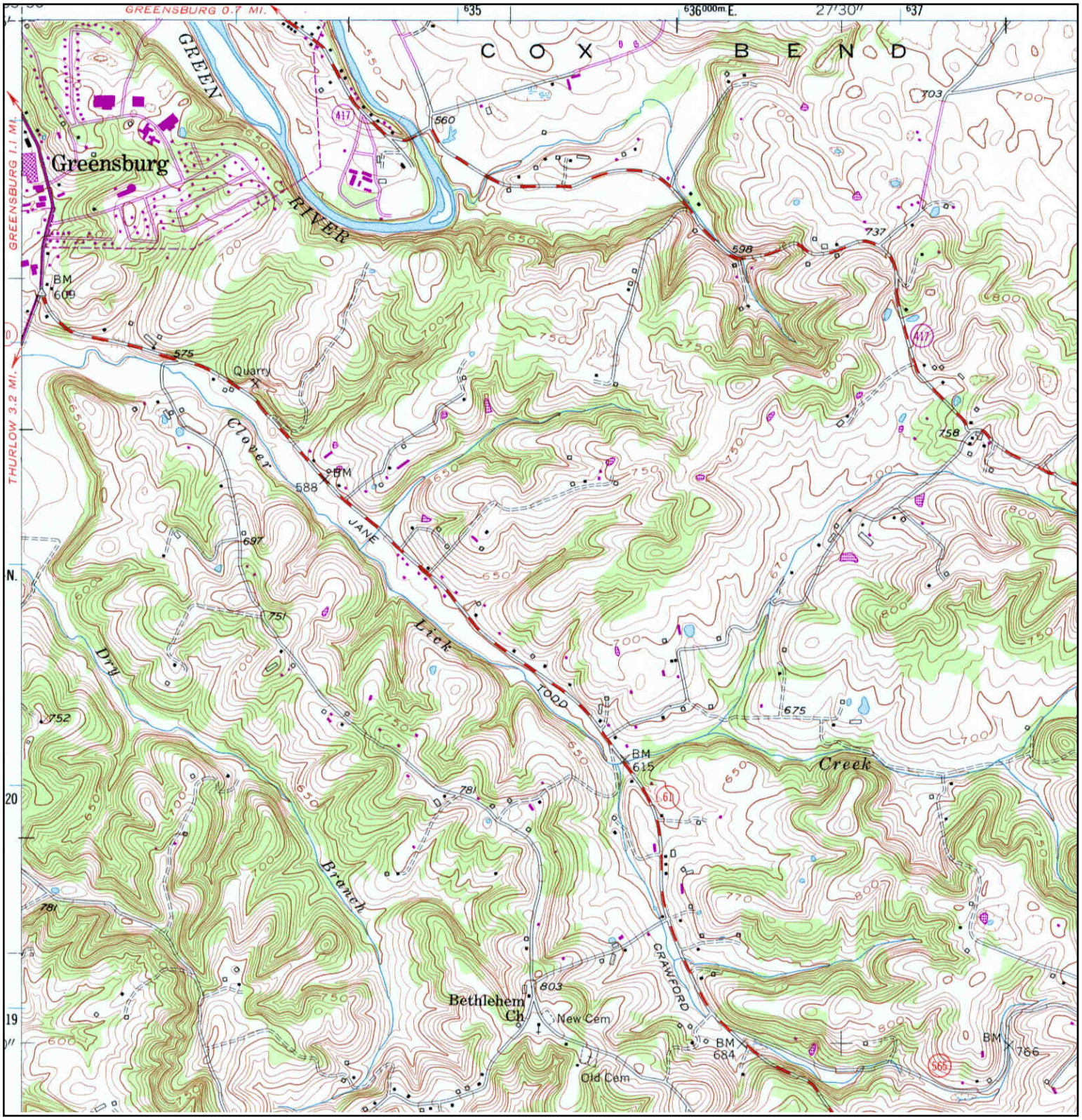
PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

Historical Topographic Map

N	ADJOINING QUAD NAME: EXIE MAP YEAR: 1961 SERIES: 7.5 SCALE: 1:24000	SITE NAME: US 68 Greensburg, KY ADDRESS: 216 South Main Street Greensburg, KY 42743 LAT/LONG: 37.2575 / -85.5033	CLIENT: Palmer Engineering CONTACT: Lee Carolan INQUIRY#: 3799202.4 RESEARCH DATE: 12/02/2013

Historical Topographic Map

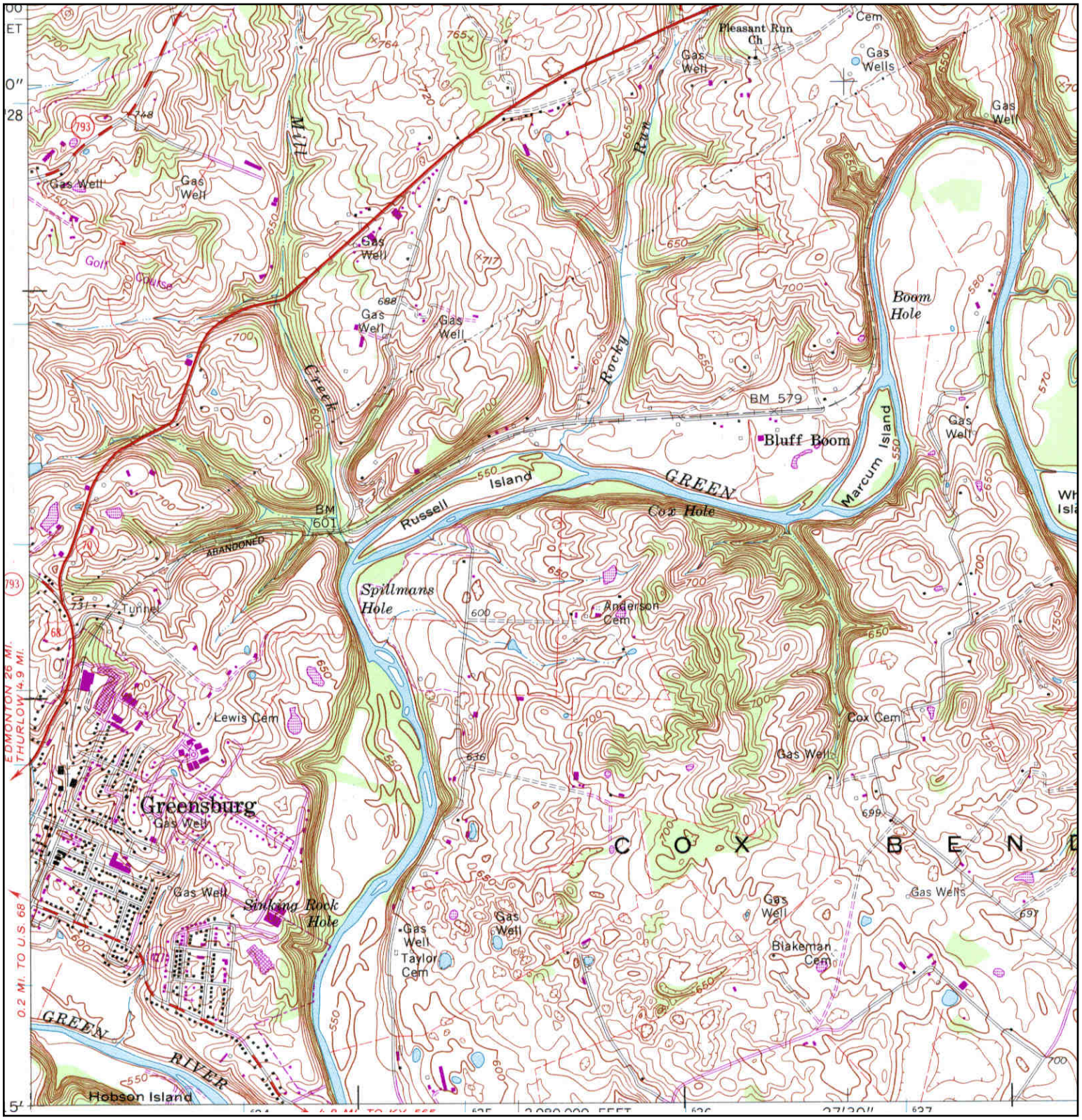


N	ADJOINING QUAD					
	NAME:	GRESHAM	SITE NAME:	US 68 Greensburg, KY	CLIENT:	Palmer Engineering
	MAP YEAR:	1987	ADDRESS:	216 South Main Street	CONTACT:	Lee Carolan
	PHOTOREVISED FROM :	1953		Greensburg, KY 42743	INQUIRY#:	3799202.4
	SERIES:	7.5	LAT/LONG:	37.2575 / -85.5033	RESEARCH DATE:	12/02/2013
	SCALE:	1:24000				

Historical Topographic Map

N	ADJOINING QUAD		
	NAME: EXIE	SITE NAME: US 68 Greensburg, KY	CLIENT: Palmer Engineering
	MAP YEAR: 1987	ADDRESS: 216 South Main Street	CONTACT: Lee Carolan
	PHOTOREVISED FROM :1961	Greensburg, KY 42743	INQUIRY#: 3799202.4
	SERIES: 7.5	LAT/LONG: 37.2575 / -85.5033	RESEARCH DATE: 12/02/2013
	SCALE: 1:24000		

Historical Topographic Map



N	ADJOINING QUAD		
	NAME: GREENSBURG	SITE NAME: US 68 Greensburg, KY	CLIENT: Palmer Engineering
	MAP YEAR: 1987	ADDRESS: 216 South Main Street	CONTACT: Lee Carolan
	PHOTOREVISED FROM :1961	Greensburg, KY 42743	INQUIRY#: 3799202.4
	SERIES: 7.5	LAT/LONG: 37.2575 / -85.5033	RESEARCH DATE: 12/02/2013
	SCALE: 1:24000		


INQUIRY #: 3799202.5
YEAR: 2010
= 500'
N


INQUIRY #: 3799202.5
YEAR: 2012
= 500'
N

US 68 Greensburg, KY
216 South Main Street
Greensburg, KY 42743

Inquiry Number: 3799202.5
December 03, 2013

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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

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

Date EDR Searched Historical Sources:

Aerial Photography December 03, 2013

Target Property:

216 South Main Street

Greensburg, KY 42743

Year	*Scale*	*Details*	*Source*
1950	Aerial Photograph. Scale: 1"=500'	Panel #: 37085-C5, Summersville, KY;/Flight Date: March 24, 1950	EDR
1954	Aerial Photograph. Scale: 1"=750'	Panel #: 37085-C5, Summersville, KY;/Flight Date: February 22, 1954	EDR
1960	Aerial Photograph. Scale: 1"=500'	Panel #: 37085-C5, Summersville, KY;/Flight Date: April 08, 1960	EDR
1993	Aerial Photograph. Scale: 1"=750'	Panel #: 37085-C5, Summersville, KY;/Flight Date: March 29, 1993	EDR
1997	Aerial Photograph. Scale: 1"=500'	Panel #: 37085-C5, Summersville, KY;/DOQQ - acquisition dates: March 08, 1997	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 37085-C5, Summersville, KY;/Flight Year: 2006	EDR
2008	Aerial Photograph. Scale: 1"=500'	Panel #: 37085-C5, Summersville, KY;/Flight Year: 2008	EDR
2010	Aerial Photograph. Scale: 1"=500'	Panel #: 37085-C5, Summersville, KY;/Flight Year: 2010	EDR
2012	Aerial Photograph. Scale: 1"=500'	Panel #: 37085-C5, Summersville, KY;/Flight Year: 2012	EDR


INQUIRY #: 3799202.5
YEAR: 1950
= 500'
N


INQUIRY #: 3799202.5
YEAR: 1954
= 750'
N


INQUIRY #: 3799202.5
YEAR: 1960
= 500'
N


INQUIRY #: 3799202.5
YEAR: 1993
= 750'
N


INQUIRY #: 3799202.5
YEAR: 1997
= 500'
N


INQUIRY #: 3799202.5
YEAR: 2006
= 500'
N


INQUIRY #: 3799202.5
YEAR: 2008
= 500'
N

US 68 Greensburg, KY
216 South Main Street
Greensburg, KY 42743

Inquiry Number: 3799202.4
December 02, 2013

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

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.

Historical Topographic Map

N	TARGET QUAD NAME: SUMMERSVILLE MAP YEAR: 1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: US 68 Greensburg, KY ADDRESS: 216 South Main Street Greensburg, KY 42743 LAT/LONG: 37.2575 / -85.5033	CLIENT: Palmer Engineering CONTACT: Lee Carolan INQUIRY#: 3799202.4 RESEARCH DATE: 12/02/2013

Historical Topographic Map

N	TARGET QUAD NAME: SUMMERSVILLE MAP YEAR: 1961 SERIES: 7.5 SCALE: 1:24000	SITE NAME: US 68 Greensburg, KY ADDRESS: 216 South Main Street Greensburg, KY 42743 LAT/LONG: 37.2575 / -85.5033	CLIENT: Palmer Engineering CONTACT: Lee Carolan INQUIRY#: 3799202.4 RESEARCH DATE: 12/02/2013

Historical Topographic Map

N	ADJOINING QUAD				
	NAME:	GRESHAM	SITE NAME:	US 68 Greensburg, KY	CLIENT: Palmer Engineering
	MAP YEAR:	1953	ADDRESS:	216 South Main Street	CONTACT: Lee Carolan
				Greensburg, KY 42743	INQUIRY#: 3799202.4
	SERIES:	7.5	LAT/LONG:	37.2575 / -85.5033	RESEARCH DATE: 12/02/2013
	SCALE:	1:24000			

Historical Topographic Map

N	ADJOINING QUAD		
	NAME: EXIE	SITE NAME: US 68 Greensburg, KY	CLIENT: Palmer Engineering
	MAP YEAR: 1953	ADDRESS: 216 South Main Street	CONTACT: Lee Carolan
		Greensburg, KY 42743	INQUIRY#: 3799202.4
	SERIES: 7.5	LAT/LONG: 37.2575 / -85.5033	RESEARCH DATE: 12/02/2013
	SCALE: 1:24000		

Historical Topographic Map

N	ADJOINING QUAD NAME: GREENSBURG MAP YEAR: 1954 SERIES: 7.5 SCALE: 1:24000	SITE NAME: US 68 Greensburg, KY ADDRESS: 216 South Main Street Greensburg, KY 42743 LAT/LONG: 37.2575 / -85.5033	CLIENT: Palmer Engineering CONTACT: Lee Carolan INQUIRY#: 3799202.4 RESEARCH DATE: 12/02/2013

Historical Topographic Map

N	ADJOINING QUAD		
	NAME: GREENSBURG	SITE NAME: US 68 Greensburg, KY	CLIENT: Palmer Engineering
	MAP YEAR: 1961	ADDRESS: 216 South Main Street	CONTACT: Lee Carolan
		Greensburg, KY 42743	INQUIRY#: 3799202.4
	SERIES: 7.5	LAT/LONG: 37.2575 / -85.5033	RESEARCH DATE: 12/02/2013
	SCALE: 1:24000		

US 68 Greensburg, KY
216 South Main Street
Greensburg, KY 42743

Inquiry Number: 3799202.3
December 02, 2013

Certified Sanborn® Map Report

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800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

12/02/13

Site Name:
US 68 Greensburg, KY
216 South Main Street
Greensburg, KY 42743

EDR Inquiry # 3799202.3

Client Name:
Palmer Engineering
400 Shoppers Drive
Winchester, KY 40392

Contact: Lee Carolan

EDR® Environmental Data Resources Inc

The complete Sanborn Library collection has been searched by EDR, and fire insurance maps covering the target property location provided by Palmer Engineering were identified for the years listed below. The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by Sanborn Library LLC, the copyright holder for the collection.

Certified Sanborn Results:

Site Name: US 68 Greensburg, KY
Address: 216 South Main Street
City, State, Zip: Greensburg, KY 42743
Cross Street:
P.O. # NA
Project: US 68 Greensburg KY
Certification # 2027-4391-8793

Maps Provided:

1941

Sanborn® Library search results
Certification # 2027-4391-8793

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

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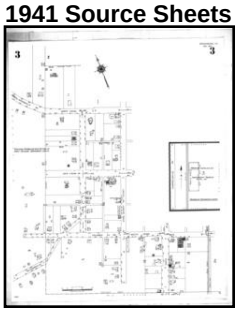

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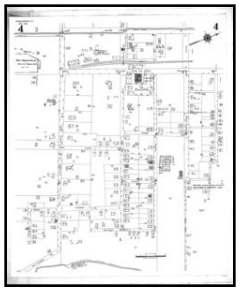

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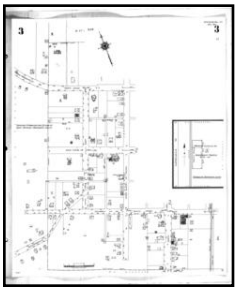

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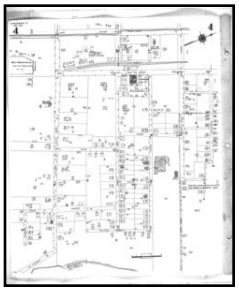

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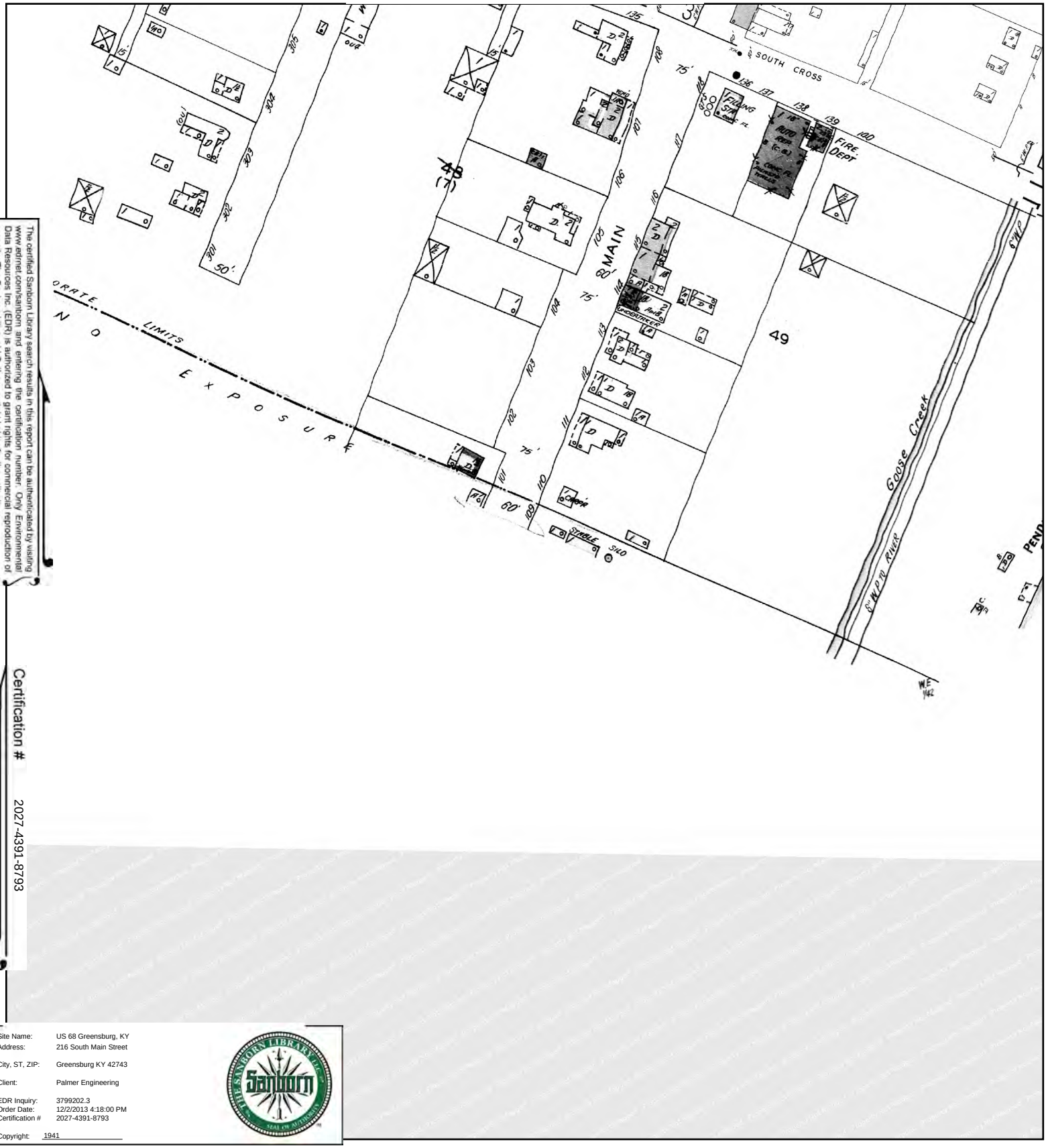

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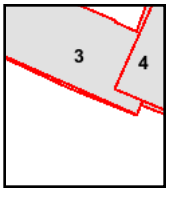

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Appendix E

Environmental Justice Reviews

BARREN RIVER AREA DEVELOPMENT DISTRICT

Environmental Justice Review

U.S. 68 Scoping Study from Louie B. Nunn Cumberland Parkway to Metcalfe/Green County Border

September 2013

Prepared for
Kentucky Transportation Cabinet (KYTC) – Division of Planning

Prepared by
Barren River Area Development District

This document was prepared in cooperation with the Kentucky Transportation Cabinet.

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Introduction

This report presents an overview of the findings for selected socioeconomic characteristics in the US 68 planning study area from the Louie B. Nunn Cumberland Parkway to the Metcalfe County-Green County border. The objective of the planning study is to identify both short-term spot improvements as well as some long-term solutions in which both approaches address traffic and safety concerns throughout the study area. The information in this report outlines Census 2010 statistics in and near the project area using tables, charts, and maps. The purpose of the report is to analyze the data and identify potential populations that may be displaced or adversely impacted by the recommended improvements proposed in the planning study. Statistics are provided for minority, elderly, low-income and disabled populations for the nation, state, county and census tracts located within the project area.

This information is intended to aid the Kentucky Transportation Cabinet (KYTC) in making informed and prudent transportation decisions in the project area, especially with regard to the requirements of *Executive Order 12898: Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations* (signed February 11, 1994). Executive Order 12898 states:

> "…each Federal agency shall make achieving environmental justice part of its mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of its policies, and activities on minority populations and low-income populations…"

The projects study area is located in Metcalfe County, beginning close to, but outside of, the northern city limits of Edmonton which is located in the Barren River Area Development District. Metcalfe County is located in the south central part of the state of Kentucky and covers a land area of 289.65 square miles. It is bordered on the north by Green County and to the west by Barren County. According to the 2010 Census, it has a population of 10,099 persons. The county seat is Edmonton, and it serves as the major economic center for the county. The 2010 Census reported the City of Edmonton of having a population of 1,595 persons.

Metcalfe County is composed of three census tracts. The planning study area is situated in Census Tract (CT) 9601 and CT 9603. A map of the planning study area in relation to the CTs is displayed in Appendix A.

What is Environmental Justice?

The U.S. Department of Transportation (DOT) outlines three primary Environmental Justice Concepts as:

1. To avoid, minimize, or mitigate disproportionately high and adverse human health or environmental effects, including social and economic effects, on minority populations and low-income populations.
2. To ensure the full and fair participation by all potentially affected communities in the transportation decision-making process.
3. To prevent the denial of, reduction in, or significant delay in the receipt of benefits by minority population and low-income populations.

The U.S. DOT order defines minority as:

1. Black (a person having origins in any of the black racial groups of Africa);
2. Hispanic (a person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race);
3. Asian American (a person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands); or
4. American Indian and Alaskan Native (a person having origins in any of the original people of North America and who maintains cultural identification through tribal affiliation or community recognition).

A minority population is "any readily identifiable groups of minority persons who live in geographic proximity, and if circumstances warrant geographically dispersed/transient persons…"

Low-income is defined in U.S. DOT Order (5610.2) as "a person whose median household income is at or below the Department of Health and Human Services (HHS) poverty guidelines." A low-income population is "any readily identifiable group of low-income persons who live in geographic proximity, and, if circumstances warrant, geographically dispersed/transient persons…"

A disproportionately high and adverse effect on a minority or low-income population means an adverse effect that:

1. Is predominately borne by a minority population and/or low-income population or
2. Will be suffered by the minority population and/or low-income population and is appreciably more severe or greater in magnitude than the adverse effect that will be suffered by the non-minority population and/or non-low-income population.

Elderly and disabled populations (also used in this analysis) are not specifically recognized under the definition of an Environmental Justice community. However, the U.S. DOT specifically encourages the early examination of potential population of the elderly, children, disabled, and other populations protected by the Title VI of the Civil Rights Act of 1964 and related nondiscrimination statuses.

Methodology

The data was collected using the method outlined by the KYTC document "Methodology for Assessing Potential Environmental Justice Concerns for KYTC Planning Studies" (See Appendix B). The demographics of the affected area should be defined using U.S. Census data and the percentages for minorities, low-income, elderly and disabled populations should be compared to the Census tracts and block groups, the county as a whole, the entire state and the United States.

The primary source of data for this report is the US Census Bureau American Fact Finder 2010 including tables:

- 2010 US Census Summary File 1
    - DP-1 : Profile of General Population and Housing Characteristics
    - S0101: Age and Sex
- 2007-2011 American Community Survey 5-Year Estimates
    - S1701: Poverty Status in the Past 12 Months
- 2000 US Census Summary File 3
    - QT-P21: Disability Status by Sex**** (Census data for disabilities was not available at the county and census tract level using the 2010 Census. The data was obtained from using Census 2000 Decennial Census, Summary File 3 – Sample Data. Census 2010 disability data is expected to be available at the end of 2013)

The Census tables (See Appendix C) in this report include the total number and percentages for minorities, elderly, low-income and disabled population levels for the census tract, county, state and nation. A method developed by the Ohio Department of Transportation (ODOT)[1] to identify target populations is applied in the data analysis. This report uses the population percentages for Metcalfe County as the reference threshold for identifying target populations. The county numbers were selected for the reference threshold because the project overlaps two census tracts. The county numbers most likely provide a better snapshot of the overall population characteristics of the two census tracts in the planning study area as opposed to the United States or state percentages.

In reviewing each census tract for target populations, an analysis range was determined based on the reference threshold in each of the four census categories reviewed in this report. This range was set at 25 percent above the threshold to 25 percent below the threshold (See Appendix D).

[1] (Ohio Department of Transportation, August 2002)

Study Findings

Population by Persons of Racial Minority Origin

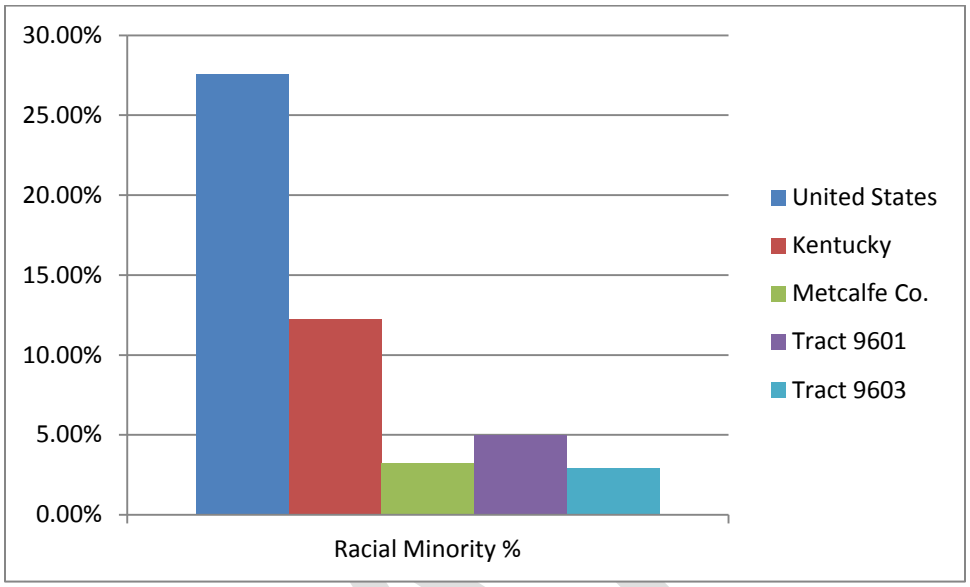


Chart 1: Racial Minority Population

Racial minorities in the United States make up 27.59% of the population, but in Kentucky that percentage drops significantly to just 12.21%. Metcalfe County displays an even lower percentage of racial minorities with only 3.22% being reported as racial minorities by the 2010 U.S. Census. Census Tract (CT) 9601 has a minority population accounting for 4.97% of the CT's population which is significantly above the reference threshold. CT 9603 has a minority population that is, percentage wise, just below the reference threshold with 2.91% of the population reporting as a racial minority.

Population by Persons of Hispanic or Latino Origin

Persons of Hispanic or Latino origin are an ethnic minority group growing at a rapid rate nationwide. In the United States this group represents 16.35% of the total population. In Kentucky only 3.06% of the population was reported as being of Hispanic or Latino origin on the 2010 U.S. Census. Metcalfe County has an even lower representation of Hispanic or Latino individuals with only 1.14% of the county's population indicating they belong to this ethnic minority. The 2010 U.S. Census reported that both CT 9601 and CT 9603 had 1.26% of the population being of Hispanic or Latino origin. This indicates that both of these Census Tracts are just above the reference threshold for Hispanic or Latino origin.

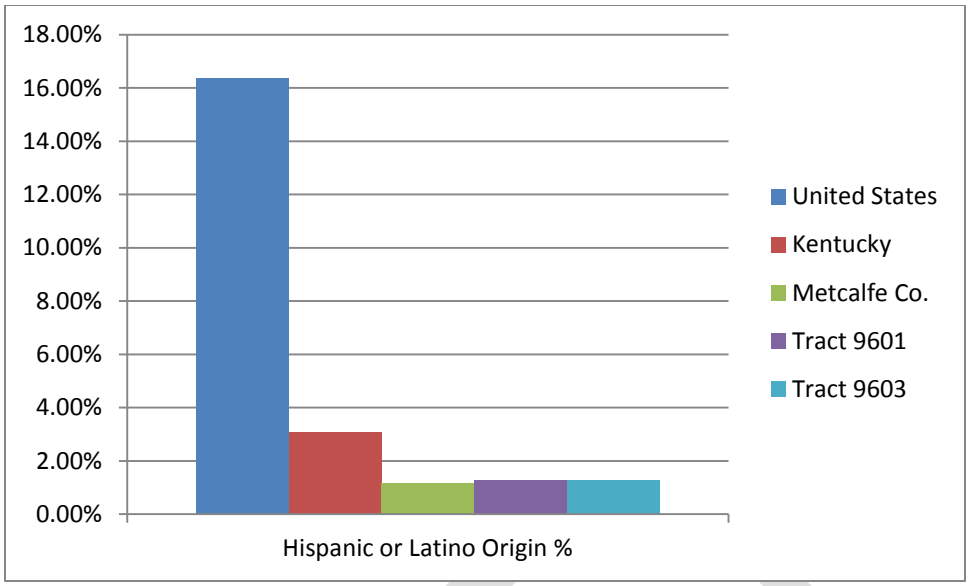


Chart 2: Hispanic or Latino Origin Population

Population by Persons Age 65 Years and Older

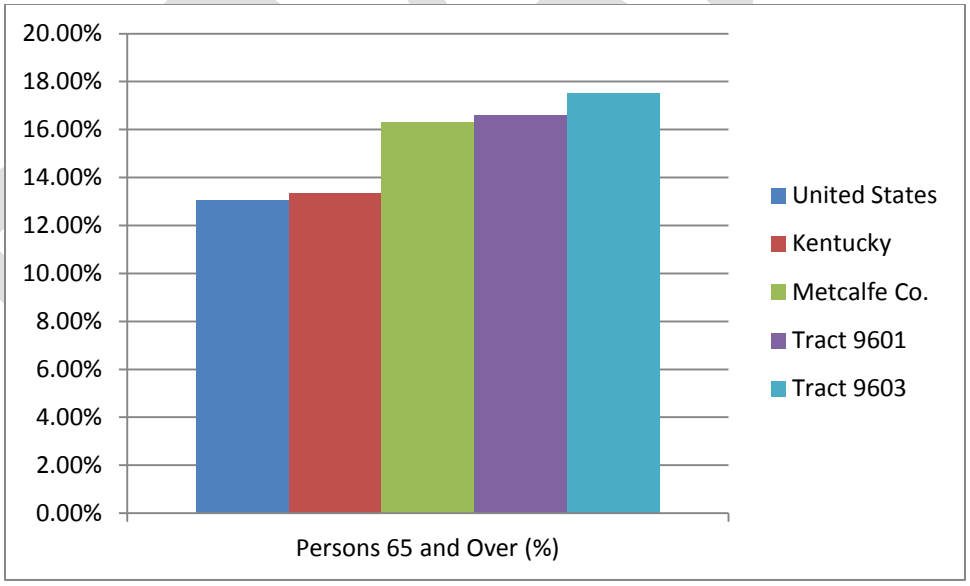


Chart 3: Persons 65 and Older

Metcalfe County has a much higher percentage (16.28%) of *Persons Age 65 Years and Older* than both the state (13.33%) and the U.S. (13.04%). This characteristic is very common with the counties in the Barren River Area Development District with all counties in this region having percentages of *Persons*

Age 65 Years and Older falling between 14.3% and 17.1% except for Warren County which houses Western Kentucky University. Both CTs in the project area also have elevated percentages of elderly persons. CT 9601 is just below the reference threshold with 16.61% of persons being 65 years or older, and CT 9603 is just above the reference threshold with 17.53% of residents being 65 years or older.

Population by Persons below Poverty Level

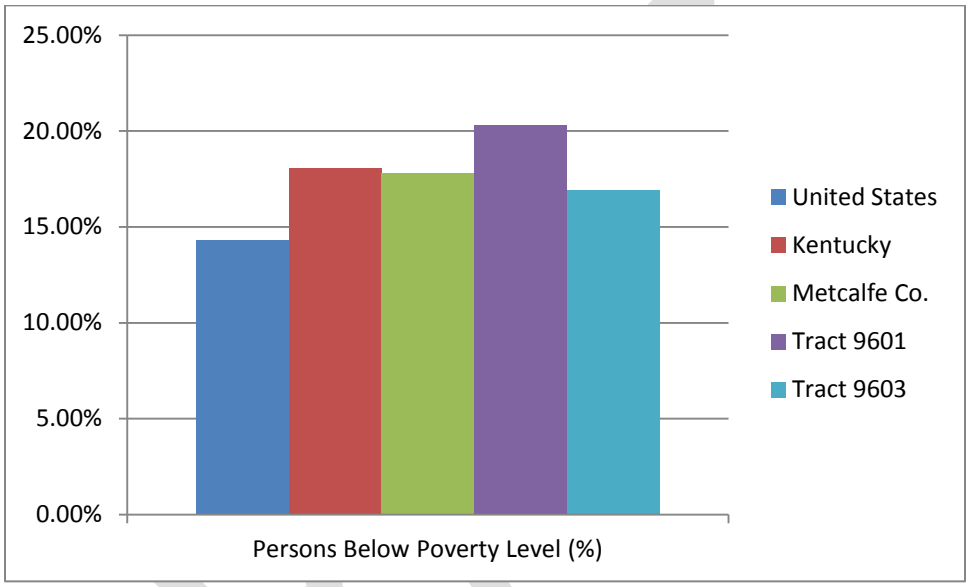


Chart 4: Persons below Poverty Level

The percentage of persons living below the poverty level in Kentucky (18.08%) is significantly higher than that of the United States (14.3%). Poverty levels in Metcalfe County are close to that of the state with 17.81% of Metcalfe County residents living below the poverty level. CT 9601 has greater levels of poverty than does the county, state and U.S. with 20.29% of persons living below the poverty level. This is just above the reference threshold. CT 9603 however has a lower level of poverty than Metcalfe County as a whole and the state, with 16.92% of residents living below the poverty level, which is just below the reference threshold.

Population by Disabilities Age 5 and Over

At the time of this report (September 2013) Census 2010 data for disabled populations was not available at the state, county and census tract level. Since it is encouraged by KYTC methodology assessment for Environmental Justice concerns, and so as not to overlook any disadvantaged populations, the Census

2000 data was utilized as a reference for this particular demographic category. Because Kentucky's population numbers have not changed significantly over the last two census counts, the 2000 data should give a fair assessment of current conditions.

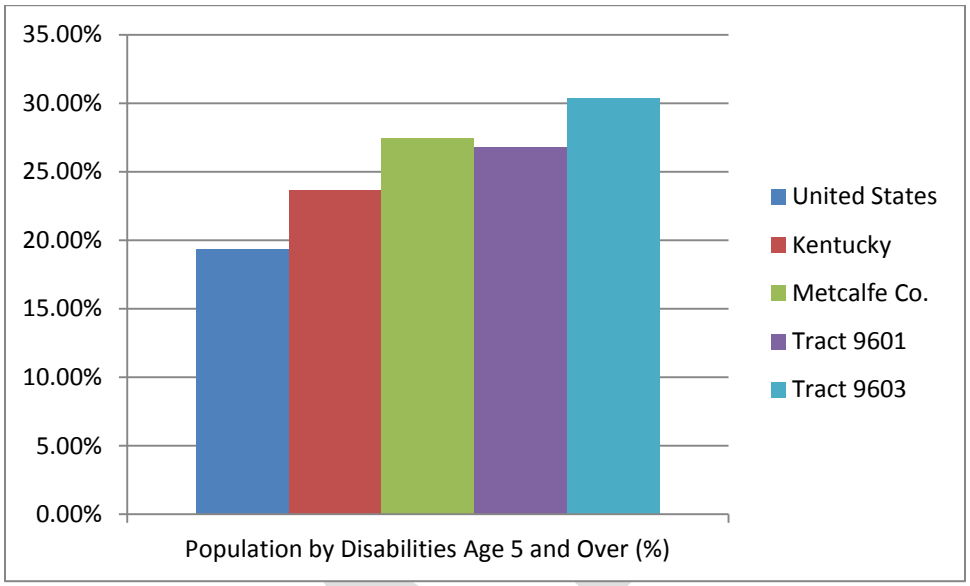


Chart 5: Population by Disabilities Age 5 and Over

According to Census 2000 numbers, Kentucky had 23.66% percent of its population with some type of disability. This is considerably higher than the national percentage for *Population by Disabilities Age 5 and Over* (19.34%). In the same manner, Metcalfe County displays a higher percentage of disabled persons (27.43%) than does the state. Census 2000 data shows CT 9601 to have a percentage of disabled persons that is just below the reference threshold (26.81%). CT 9601 has 30.34% of its population being reported as having a disability which is just above the reference threshold.

Conclusion

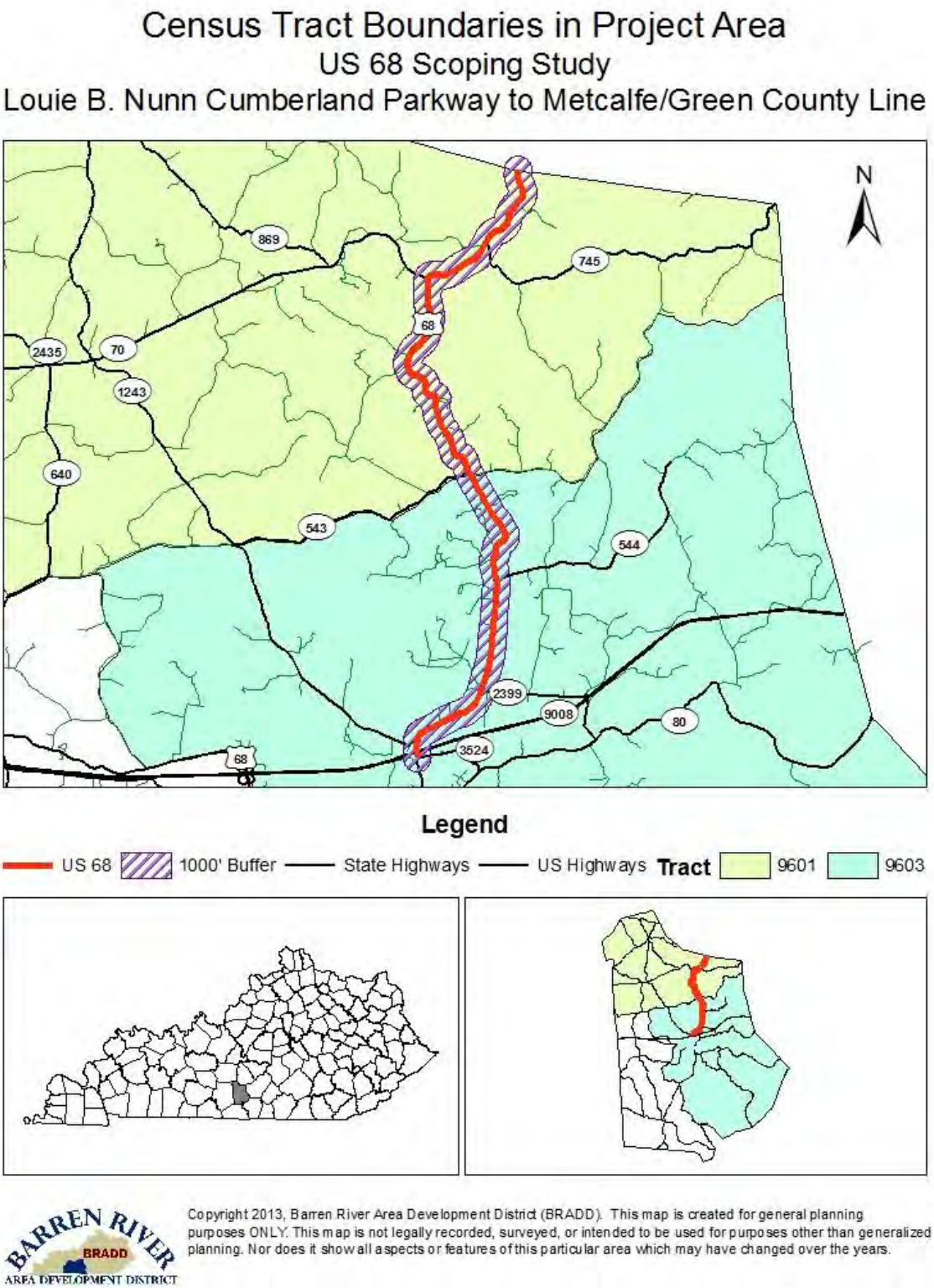
Based on the data obtained from the U.S. Census Bureau for race, ethnicity, age, income and disability there does not appear to be a defined environmental justice community within the project area. Analysis of Census Tract 9601 shows an elevated percentage of racial minorities located in this area. This Census Tract has a racial minority population that is 54% higher than the county overall. This should be taken into consideration in the recommended short-term improvements and long-term solutions of the planning study.

Census Tract 9601 covers one-third of the land area for Metcalfe County and the project area is located in the far eastern portion of the census tract. This minority population might not be condensed to a particular location. Although the racial minority population is significantly above the racial minority threshold for this census tract, there is not necessarily a concentrated population in this rural county. These areas should be noted in the future project planning and design phases and if necessary field visits, discussions with local officials and/or other sources of information should be consulted.

Impacts associated with any project will likely be mitigated by the improvements in corridor access, safety and traffic flow.

Appendices

Appendix A: Map of Study Area



Appendix B: Methodology from KYTC

Methodology for Assessing Potential Environmental Justice Concerns for KYTC Planning Studies

Updated: February 1, 2002

The demographics of the affected area should be defined using U.S. Census data (Census tracts and block groups) and the percentages for minorities, low-income, elderly, or disabled populations should be compared to those for the following:

- Other nearby Census tracts and block groups,
- The county as a whole,
- The entire state, and
- The United States.

Information from PVA offices, social service agencies, local health organizations, local public agencies, and community action agencies can be used to supplement the Census data. Specifically, we are interested in obtaining the following information:

- Identification of community leaders or other contacts who may be able to represent these population groups and through which coordination efforts can be made.
- Comparison of the Census tracts and block groups encompassing the project area to other nearby Census tracts and block groups, county, state, and United States percentages.
- Locations of specific or identified minority, low-income, elderly, or disabled population groups within or near the project area. This may require some field reviews and/or discussions with knowledgeable persons to identify locations of public housing, minority communities, ethnic communities, etc., to verify Census data or identify changes that may have occurred since the last Census. Examples would be changes due to new residential developments in the area or increases in Asian and/or Hispanic populations.
- Concentrations or communities that share a common religious, cultural, ethnic, or other background, e.g., Amish communities.
- Communities or neighborhoods that exhibit a high degree of community cohesion or interaction and the ability to mobilize community actions at the start of community involvement.
- Concentrations of common employment, religious centers, and/or educational institutions with members within walking distance of facilities.
- Potential effects, both positive and negative, of the project on the affected groups as compared to the non-target groups. This may include, but are not limited to:
    1. Access to services, employment or transportation.
    2. Displacement of persons, businesses, farms, or non-profit organizations.
    3. Disruption of community cohesion or vitality.
    4. Effects to human health and/or safety.
- Possible methods to minimize or avoid impacts on the target population groups.

If percentages of these populations are elevated within the project area, it should be brought to the attention of the Division of Planning immediately so that coordination with affected populations may be

conducted to determine the affected population's concerns and comments on the project. Also, with this effort, representatives of minority, elderly, low-income, or disabled populations should be identified so that together, we can build a partnership for the region that may be incorporated into other projects. Also, we hope to build a Commonwealth-wide database of contacts. We are available to participate in any meetings with these affected populations or with their community leaders or representatives.

In identifying communities, agencies may consider as a community either a group of individuals living in geographic proximity to one another, or a geographically dispersed/transient set of individuals (such as migrant workers or Native Americans), where either type of group experiences common conditions of environmental exposure or effect. The selection of the appropriate unit of analysis may be a governing body's jurisdiction, a neighborhood, census tract, or other similar unit that is to be chosen so as not to artificially dilute or inflate the affected population. A target population also exists if there is (1) more than one minority or other group present and (2) the percentages, as calculated by aggregating all minority persons, exceed that of the general population or other appropriate unit of geographic analysis.

Maps should be included that show the Census tracts and block groups included in the analysis as well as the relation of the project area to those census tracts and block groups.

Appendix C: U.S. Census Data Tables for Study Area

Statistics for Racial and Ethnic Minorities

	Total	Total Minority	Minority %	Black or African American Alone	Black or African American Alone (%)	American Indian and Alaska Native Alone	American Indian and Alaska Native Alone (%)	Asian Alone	Asian Alone (%)
United States	308,745,538	85,192,273	27.59%	38,929,319	12.61%	2,932,248	0.95%	14,674,252	4.75%
Kentucky	4,339,367	529,830	12.21%	337,520	7.78%	10,120	0.23%	48,930	1.13%
Metcalfe Co.	10,099	325	3.22%	154	1.52%	14	0.14%	14	0.14%
Tract 9601	2,294	114	4.97%	70	3.05%	2	0.09%	4	0.17%
Tract 9603	4,747	138	2.91%	45	0.95%	10	0.21%	6	0.13%

	Total	Some other race alone	Some other race alone (%)	Two or more races	Two or more races (%)	Native Hawaiian and other Pacific Islander alone	Native Hawaiian and other Pacific Islander alone (%)	Hispanic or Latino Origin*	Hispanic or Latino Origin (%)*
United States	308,745,538	19,107,368	6.19%	9,009,073	2.92%	540,013	0.17%	50,477,594	16.35%
Kentucky	4,339,367	55,551	1.28%	75,208	1.73%	2,501	0.06%	132,836	3.06%
Metcalfe Co.	10,099	52	0.51%	91	0.90%	0	0.00%	115	1.14%
Tract 9601	2,294	13	0.57%	25	1.09%	0	0.00%	29	1.26%
Tract 9603	4,747	31	0.65%	46	0.97%	0	0.00%	60	1.26%

Source: US Census Bureau, 2010 American Fact Finder

2010 Census: 2010 SF1 100% Data

Detailed Tables: 2010 US Census - DP-1

*Hispanic or Latino Origin represents ethnicity data rather than racial. These figures have been kept out of the calculation for total minority as they could result in duplication of individuals also reporting as a racial group listed in this table.

Statistics for Age, Poverty, and Disabled Populations

	Total	Persons 65 and Over	Persons 65 and Over (%)	Population for Whom Poverty Status is Determined	Persons Below Poverty Level	Persons Below Poverty Level (%)
United States	308,745,538	40,267,984	13.04%	298,787,998	42,739,924	14.30%
Kentucky	4,339,367	578,227	13.33%	4,186,093	756,947	18.08%
Metcalfe Co.	10,099	1,644	16.28%	9,959	1,774	17.81%
Tract 9601	2,294	381	16.61%	2,331	473	20.29%
Tract 9603	4,747	832	17.53%	4,662	789	16.92%

	Population for Whom Disability Status is Determined	Population by Disabilities Age 5 and Over	Population by Disabilities Age 5 and Over (%)
United States	257,167,527	49,746,248	19.34%
Kentucky	3,695,005	874,156	23.66%
Metcalfe Co.	9,292	2,549	27.43%
Tract 9601	2,260	606	26.81%
Tract 9603	4,199	1,274	30.34%

Source: US Census Bureau, 2010 American Fact Finder

Census 2010 SF 1, 2007-2011 American Community Survey 5-Year Estimates, Census 2000 SF 3

Detailed Tables: S0101 - Age and Sex, S1701 Poverty Status in the Past 12 Months, QT-P21 - Disability Status by Sex

Appendix D

Analysis Range Explanation and Methodology for Population Percentages Above or Below the State Threshold

Percent Racial Minority

Analysis Range	Percent Minority
Significantly Above Threshold (> 125%)	> 4.02%
Just Above Threshold (100% - 125%)	3.22% - 4.02%
REFERENCE THRESHOLD (COUNTY PERCENTAGE)	**3.22%**
Just Below Threshold (75% - 100%)	2.41%-3.22%
Significantly Below Threshold (< 75%)	< 2.41%

Percent Hispanic or Latino Origin

Analysis Range	Percent Minority
Significantly Above Threshold (> 125%)	> 1.42%
Just Above Threshold (100% - 125%)	1.14% - 1.42%
REFERENCE THRESHOLD (COUNTY PERCENTAGE)	**1.14%**
Just Below Threshold (75% - 100%)	0.85% - 1.14 %
Significantly Below Threshold (< 75%)	< 0.85%

Percent 65 and Older

Analysis Range	Percent 65 and Older
Significantly Above Threshold (> 125%)	> 20.35%
Just Above Threshold (100% - 125%)	16.28% - 20.35%
REFERENCE THRESHOLD (COUNTY PERCENTAGE)	**16.28%**
Just Below Threshold (75% - 100%)	12.21% - 16.28%
Significantly Below Threshold (< 75%)	< 12.21%

Percent Below Poverty

Analysis Range	Percent Below Poverty
Significantly Above Threshold (> 125%)	> 22.27%
Just Above Threshold (100% - 125%)	17.81% - 22.27%
REFERENCE THRESHOLD (COUNTY PERCENTAGE)	**17.81%**
Just Below Threshold (75% - 100%)	13.36% - 17.81%
Significantly Below Threshold (< 75%)	< 13.36%

Percent Disabilities Age 5 and Over

Analysis Range	Percent Disabilities Age 5 and Over
Significantly Above Threshold (> 125%)	> 34.29%
Just Above Threshold (100% - 125%)	27.43% - 34.29%
REFERENCE THRESHOLD (COUNTY PERCENTAGE)	**27.43%**
Just Below Threshold (75% - 100%)	20.57% - 27.43 %
Significantly Below Threshold (< 75%)	< 20.57%

Lake Cumberland Area Development District

Environmental Justice Review

U.S. 68 Scoping Study from Metcalfe/Green County Border to KY61

November 2013

Prepared for
Kentucky Transportation Cabinet (KYTC) – Division of Planning

Prepared by
Lake Cumberland Area Development District

This document was prepared in cooperation with the Kentucky Transportation Cabinet.

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This information is intended to aid the Kentucky Transportation Cabinet (KYTC) in making informed and prudent transportation decisions in the project area, especially with regard to the requirements of *Executive Order 12898: Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations* (signed February 11, 1994). Executive Order 12898 states:

> "…each Federal agency shall make achieving environmental justice part of its mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of its policies, and activities on minority populations and low-income populations…"

The projects study area is located in Green County, beginning at the Metcalfe/Green County Border continuing along US 68 to the intersection of KY 61 outside of, the southern city limits of Greensburg which is located in the Lake Cumberland Area Development District. Green County is located in the south central part of the state of Kentucky and covers a land area of 286.03 square miles. It is bordered on the south by Metcalfe County and to the north by Taylor County. According to the 2010 Census, it has a population of 11,775 persons. The county seat is Greensburg, and it serves as the major economic center for the county. The 2010 Census reported the City of Greensburg of having a population of 2,163 persons.

Green County is composed of four census tracts. The planning study area is situated in Census Tract (CT) 9302, (CT) 9303 and CT 9304. A map of the planning study area in relation to the CTs is displayed in Appendix A.

What is Environmental Justice?

The U.S. Department of Transportation (DOT) outlines three primary Environmental Justice Concepts as:

1. To avoid, minimize, or mitigate disproportionately high and adverse human health or environmental effects, including social and economic effects, on minority populations and low-income populations.
2. To ensure the full and fair participation by all potentially affected communities in the transportation decision-making process.
3. To prevent the denial of, reduction in, or significant delay in the receipt of benefits by minority population and low-income populations.

The U.S. DOT order defines minority as:

1. Black (a person having origins in any of the black racial groups of Africa);
2. Hispanic (a person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race);
3. Asian American (a person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands); or
4. American Indian and Alaskan Native (a person having origins in any of the original people of North America and who maintains cultural identification through tribal affiliation or community recognition).

A minority population is "any readily identifiable groups of minority persons who live in geographic proximity, and if circumstances warrant geographically dispersed/transient persons…"

Low-income is defined in U.S. DOT Order (5610.2) as "a person whose median household income is at or below the Department of Health and Human Services (HHS) poverty guidelines." A low-income population is "any readily identifiable group of low-income persons who live in geographic proximity, and, if circumstances warrant, geographically dispersed/transient persons…"

A disproportionately high and adverse effect on a minority or low-income population means an adverse effect that:

1. Is predominately borne by a minority population and/or low-income population or
2. Will be suffered by the minority population and/or low-income population and is appreciably more severe or greater in magnitude than the adverse effect that will be suffered by the non-minority population and/or non-low-income population.

Elderly and disabled populations (also used in this analysis) are not specifically recognized under the definition of an Environmental Justice community. However, the U.S. DOT specifically encourages the early examination of potential population of the elderly, children, disabled, and other populations protected by the Title VI of the Civil Rights Act of 1964 and related nondiscrimination statuses.

Methodology

The data was collected using the method outlined by the KYT document "Methodology for Assessing Potential Environmental Justice Concerns for KYT Planning Studies" (See Appendix B). The demographics of the affected area should be defined using U.S. Census data and the percentages for minorities, low-income, elderly and disabled populations should be compared to the Census tracts and block groups, the county as a whole, the entire state and the United States.

The primary source of data for this report is the US Census Bureau American Fact Finder 2010 including tables:

- 2010 US Census Summary File 1
  - DP-1 : Profile of General Population and Housing Characteristics
  - S0101: Age and Sex
- 2007-2011 American Community Survey 5-Year Estimates
  - S1701: Poverty Status in the Past 12 Months
- 2000 US Census Summary File 3
  - QT-P21: Disability Status by Sex**** (Census data for disabilities was not available at the county and census tract level using the 2010 Census. The data was obtained from using Census 2000 Decennial Census, Summary File 3 – Sample Data. Census 2010 disability data is expected to be available at the end of 2013)

The Census tables (See Appendix C) in this report include the total number and percentages for minorities, elderly, low-income and disabled population levels for the census tract, county, state and nation. A method developed by the Ohio Department of Transportation (ODOT)[1] to identify target populations is applied in the data analysis. This report uses the population percentages for Green County as the reference threshold for identifying target populations. The county numbers were selected for the reference threshold because the project overlaps three census tracts. The county numbers most likely provide a better snapshot of the overall population characteristics of the three census tracts in the planning study area as opposed to the United States or state percentages.

In reviewing each census tract for target populations, an analysis range was determined based on the reference threshold in each of the four census categories reviewed in this report. This range was set at 25 percent above the threshold to 25 percent below the threshold (See Appendix D).

[1] (Ohio Department of Transportation, August 2002)

Study Findings

Population by Persons of Racial Minority Origin

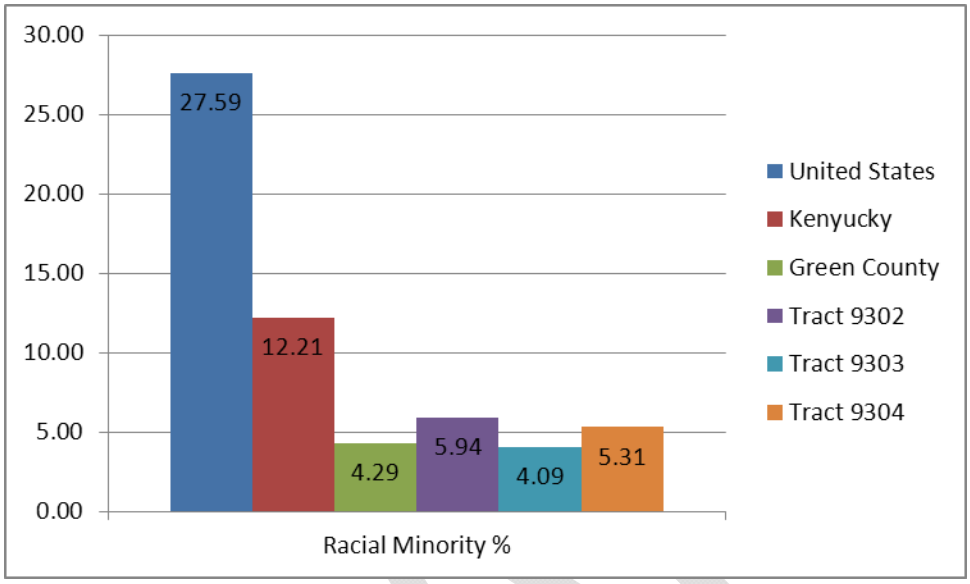


Chart 1: Racial Minority Population

Racial minorities in the United States make up 27.59% of the population, but in Kentucky that percentage drops significantly to just 12.21%. Green County displays an even lower percentage of racial minorities with only 4.29% being reported as racial minorities by the 2010 U.S. Census. Census Tract (CT) 9302 has a minority population accounting for 5.94% of the CT's population which is significantly above the reference threshold. CT 9304 has a minority population that is just above the reference threshold with 5.31%. CT 9303 has a minority population that is, percentage wise, just below the reference threshold with 4.09% of the population reporting as a racial minority.

Population by Persons of Hispanic or Latino Origin

Persons of Hispanic or Latino origin are an ethnic minority group growing at a rapid rate nationwide. In the United States this group represents 16.35% of the total population. In Kentucky only 3.06% of the population was reported as being of Hispanic or Latino origin by the 2010 U.S. Census. Green County has an even lower representation of Hispanic or Latino individuals with only 1.41% of the county's population indicating they belong to this ethnic minority. The 2010 U.S. Census reported that CT 9303 has a Hispanic or Latino origin population accounting for 2.23% which is significantly above the reference threshold. CT 9302 has a Hispanic or Latino origin population that is just below the reference threshold with 1.23%. CT 9304 has a Hispanic or Latino origin population that is, significantly below the reference threshold with 1.00% of the population reporting as Hispanic or Latino origin.

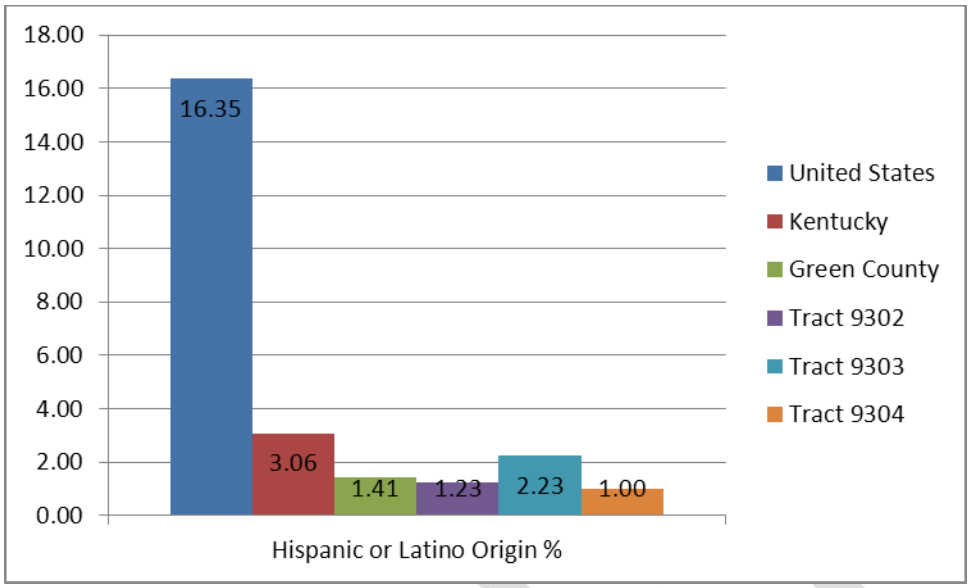


Chart 2: Hispanic or Latino Origin Population

Population by Persons Age 65 Years and Older

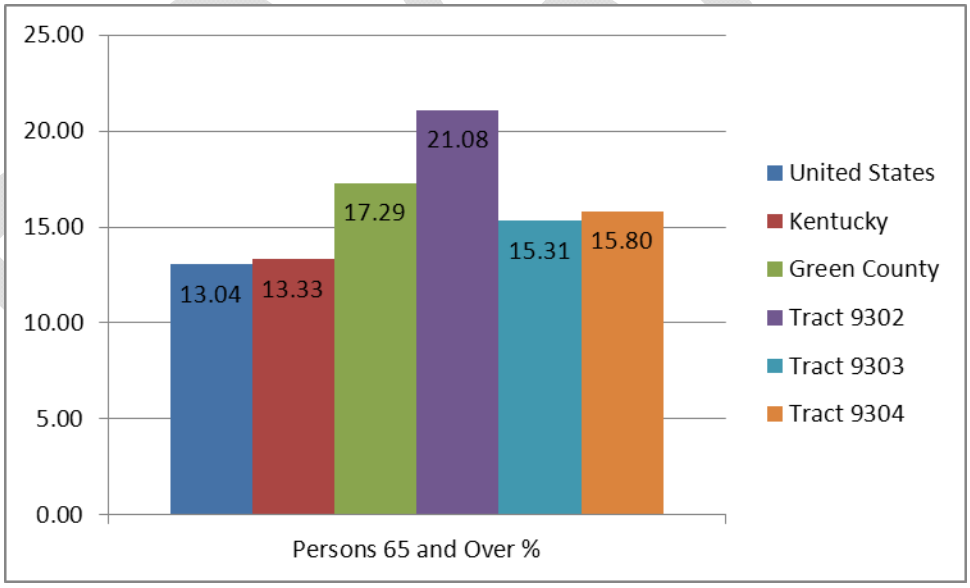


Chart 3: Persons 65 and Older

Green County has a much higher percentage (17.29%) of Persons Age 65 Years and Older than both the state (13.33%) and the U.S. (13.04%). This characteristic is very common with the counties in the Lake Cumberland Area Development District and southcentral Kentucky. All three CTs in the project area also have elevated percentages of elderly persons. CT 9303 and CT 9304 are just below the reference

threshold with 15.31% and 15.80% of persons being 65 years or older, and CT 9302 is just above the reference threshold with 21.08% of residents being 65 years or older.

Population by Persons below Poverty Level

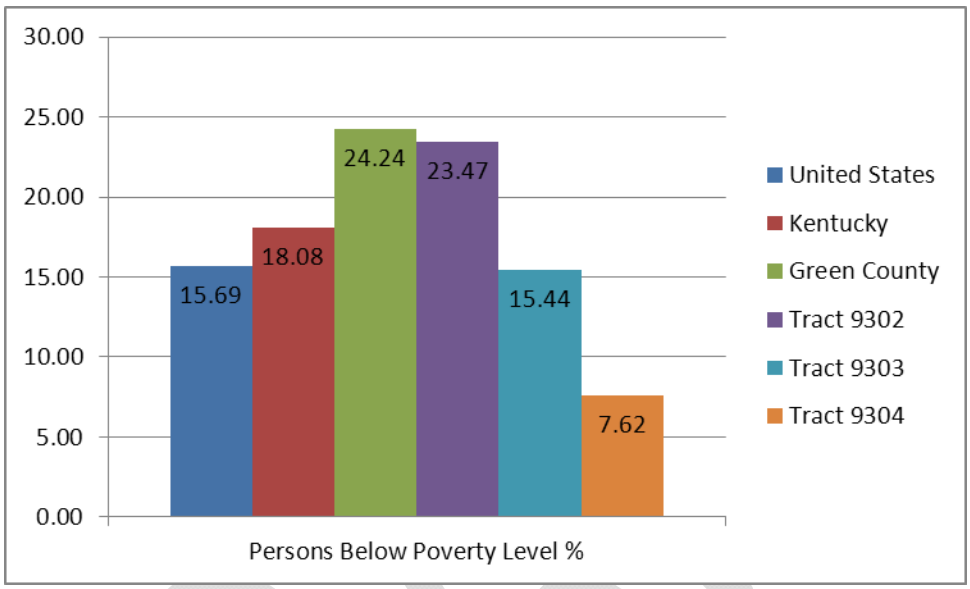


Chart 4: Persons below Poverty Level

The percentage of persons living below the poverty level in Kentucky (18.66%) is significantly higher than that of the United States (14.3%). Poverty levels in Green County have a much higher percentage (24.24%) below the poverty level. CT 9302 is just below the reference threshold with 23.47% of residents living below the poverty level. CT 9603 has poverty level of (15.44%) being less than that of the county or state and is equal to that of the United States. CT 9304 however has a lower level of poverty than that of county, state, or the nation, with 7.62% of residents living below the poverty level.

Population by Disabilities Age 5 and Over

At the time of this report (November 2013) Census 2010 data for disabled populations was not available at the state, county and census tract level. Since it is encouraged by KYTC methodology assessment for Environmental Justice concerns, and so as not to overlook any disadvantaged populations, the Census 2000 data was utilized as a reference for this particular demographic category. Because Kentucky's population numbers have not changed significantly over the last two census counts, the 2000 data should give a fair assessment of current conditions.

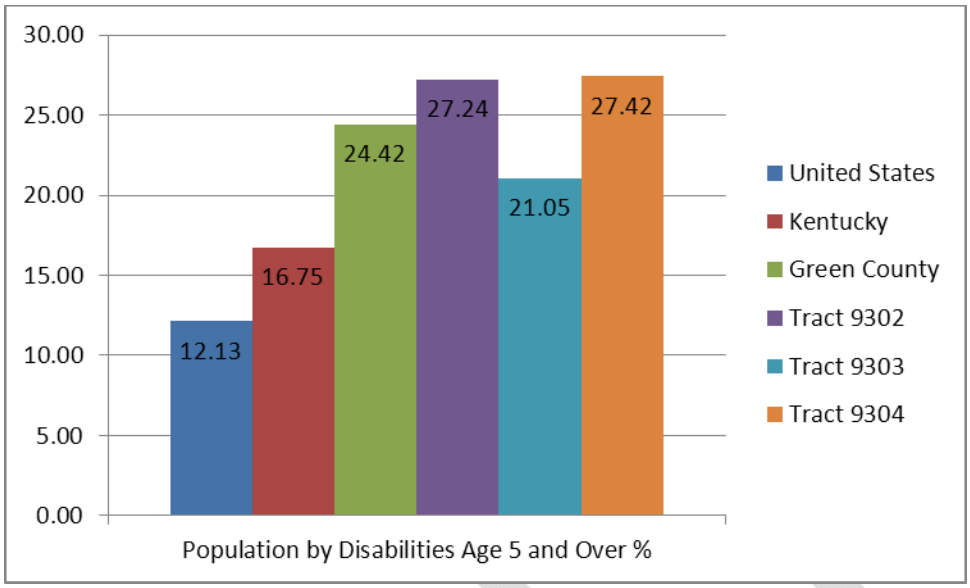


Chart 5: Population by Disabilities Age 5 and Over

According to the Disability Characteristics of the 2012 American Community Survey, Kentucky had 16.75% percent of its population over the age of five (5) years old with some type of disability. This is considerably higher than the national percentage for Population by Disabilities Age 5 and over (12.13%). In the same manner, Green County displays a higher percentage of disabled persons (24.42%) than does the state. 2012 American Community Survey data shows CT 9302 and CT 9304 is just above the reference threshold with 27.24% and 27.42% of disabled person age 5 and over. CT 9603 has 21.05% of its population of 5 and over being reported as having a disability which is just below the reference threshold.

Conclusion

Based on data obtained from the U.S. Census Bureau for income, race and age, discussions with local officials and field observations; it appears there are elevated levels of persons over 65 years of age in Green County. However, this population is evenly distributed throughout Green County and should not be affected.

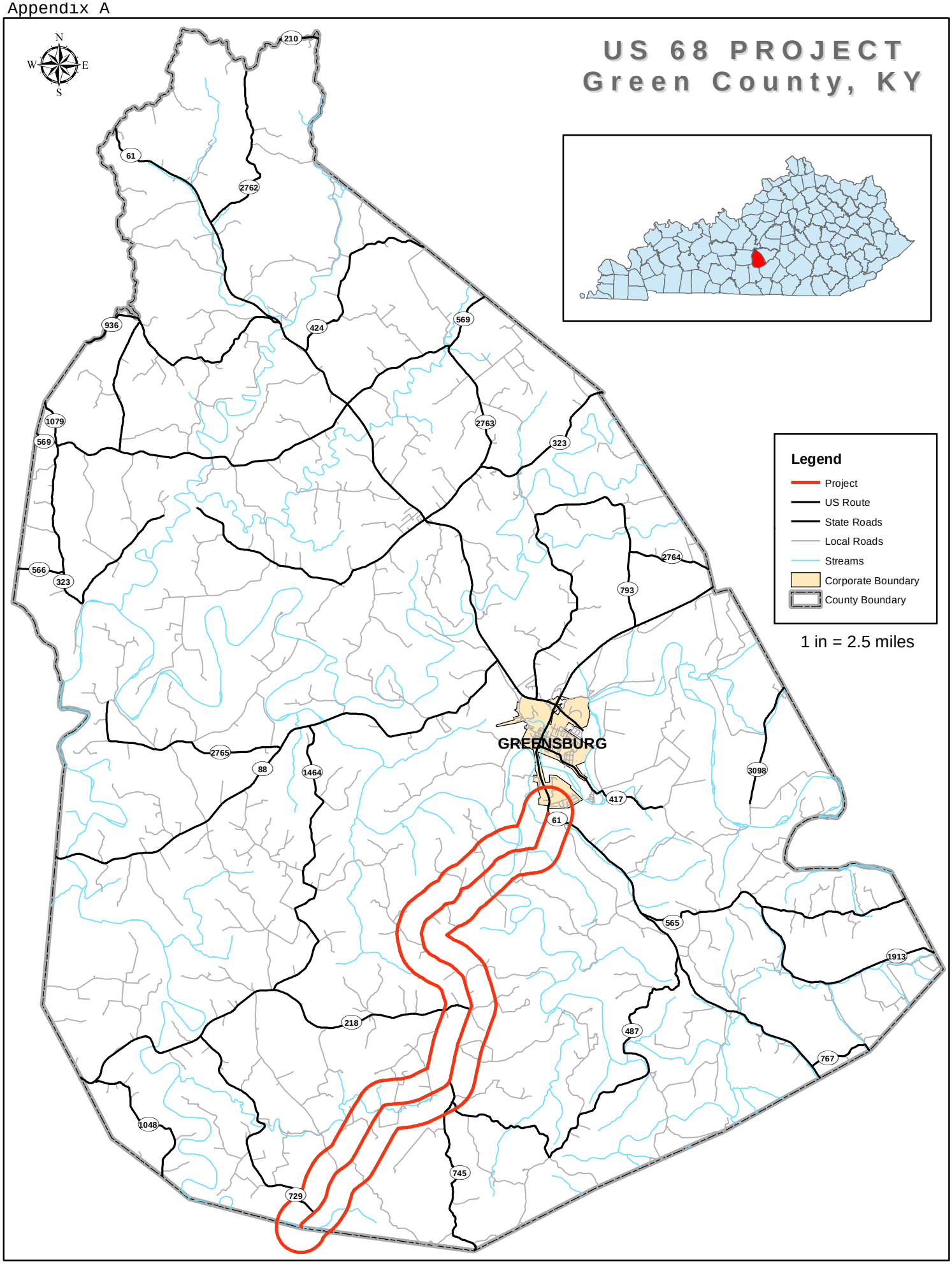
Analysis of the minority and Hispanic or Latino population data showed several of the block groups as having an identified concentration of some sort. Some were significant, some were only minor. The more significant concentrations identified were noted in the narrative analysis. All areas within this study should be given full consideration in the planning process to achieve the goals put forth by the U. S. Department of Transportation. The concentrations identified should not be adversely affected by improvements.

The elevated percentages in the populations below poverty level might be indicative of concentrations throughout the study area. However, based on the economic status of this rural depressed county, these percentages are not uncommon for this area.

Based on the analysis of the data, Green County shows an elevated population of disabled persons compared to those of the state and nation. However, there is not necessarily a concentrated population in this rural county and this project should have no adverse effect on the disabled population.

Though the projects in this study should have no adverse effects on the minority, elderly, low income, or population with a disabilities further consideration should be given to above flagged areas.

Appendices


US 68 PROJECT
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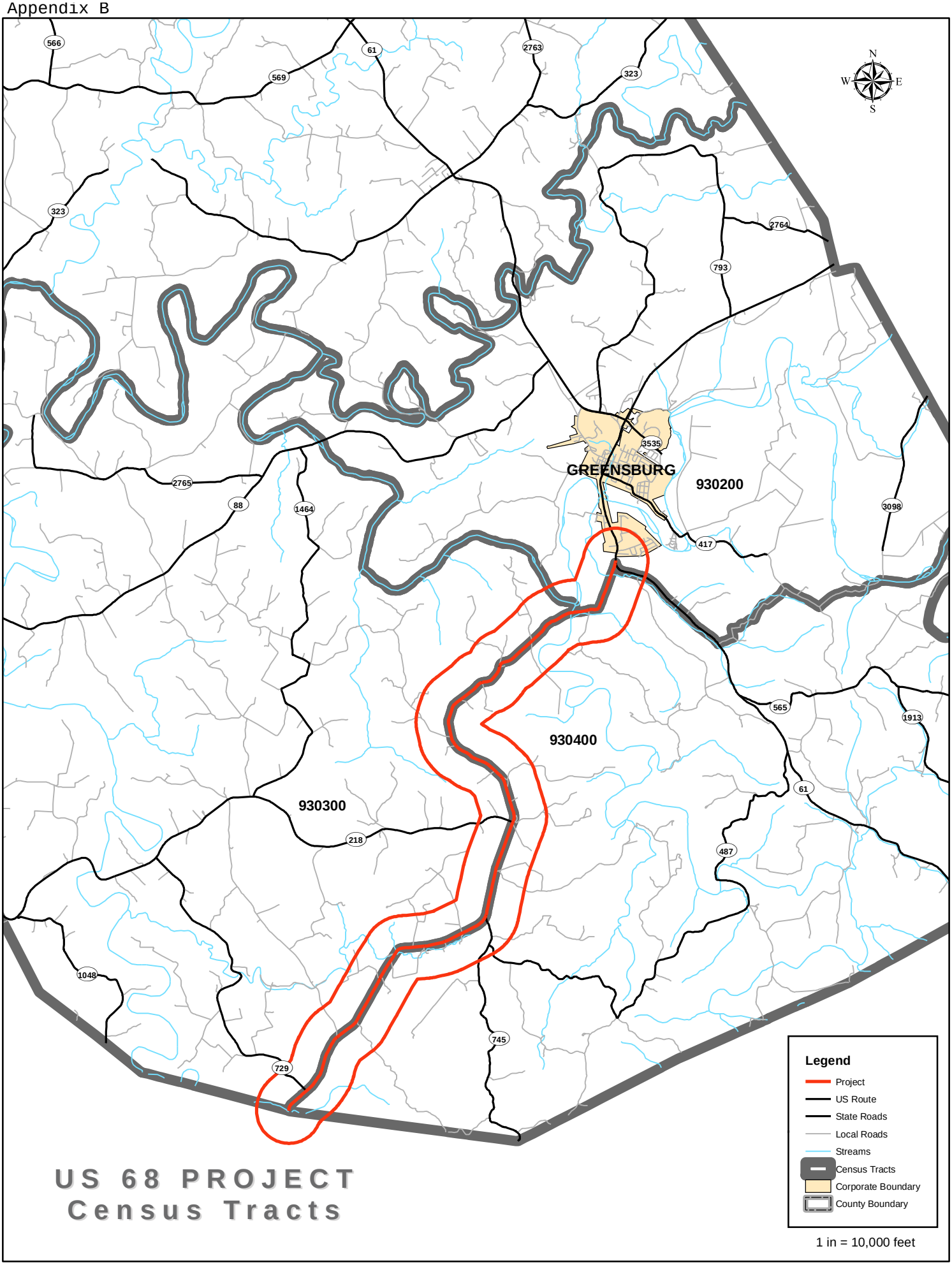
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US Route
State Roads
Local Roads
Streams
Census Tracts
Corporate Boundary
County Boundary
1 in = 10,000 feet
US 68 PROJECT
Census Tracts

Appendix B: Methodology from KYTC

Methodology for Assessing Potential Environmental Justice Concerns for KYTC Planning Studies

Updated: February 1, 2002

The demographics of the affected area should be defined using U.S. Census data (Census tracts and block groups) and the percentages for minorities, low-income, elderly, or disabled populations should be compared to those for the following:

- Other nearby Census tracts and block groups,
- The county as a whole,
- The entire state, and
- The United States.

Information from PVA offices, social service agencies, local health organizations, local public agencies, and community action agencies can be used to supplement the Census data. Specifically, we are interested in obtaining the following information:

- Identification of community leaders or other contacts who may be able to represent these population groups and through which coordination efforts can be made.
- Comparison of the Census tracts and block groups encompassing the project area to other nearby Census tracts and block groups, county, state, and United States percentages.
- Locations of specific or identified minority, low-income, elderly, or disabled population groups within or near the project area. This may require some field reviews and/or discussions with knowledgeable persons to identify locations of public housing, minority communities, ethnic communities, etc., to verify Census data or identify changes that may have occurred since the last Census. Examples would be changes due to new residential developments in the area or increases in Asian and/or Hispanic populations.
- Concentrations or communities that share a common religious, cultural, ethnic, or other background, e.g., Amish communities.
- Communities or neighborhoods that exhibit a high degree of community cohesion or interaction and the ability to mobilize community actions at the start of community involvement.
- Concentrations of common employment, religious centers, and/or educational institutions with members within walking distance of facilities.
- Potential effects, both positive and negative, of the project on the affected groups as compared to the non-target groups. This may include, but are not limited to:
  1. Access to services, employment or transportation.
  2. Displacement of persons, businesses, farms, or non-profit organizations.
  3. Disruption of community cohesion or vitality.
  4. Effects to human health and/or safety.
- Possible methods to minimize or avoid impacts on the target population groups.

If percentages of these populations are elevated within the project area, it should be brought to the attention of the Division of Planning immediately so that coordination with affected populations may be conducted to determine the affected population's concerns and comments on the project. Also, with this effort, representatives of minority, elderly, low-income, or disabled populations should be identified so that, together, we can build a partnership for the region that may be incorporated into other projects. Also, we hope to build a Commonwealth-wide database of contacts. We are available to participate in any meetings with these affected populations or with their community leaders or representatives.

In identifying communities, agencies may consider as a community either a group of individuals living in geographic proximity to one another, or a geographically dispersed/transient set of individuals (such as migrant workers or Native Americans), where either type of group experiences common conditions of environmental exposure or effect. The selection of the appropriate unit of analysis may be a governing body's jurisdiction, a neighborhood, census tract, or other similar unit that is to be chosen so as not to artificially dilute or inflate the affected population. A target population also exists if there is (1) more than one minority or other group present and (2) the percentages, as calculated by aggregating all minority persons, exceed that of the general population or other appropriate unit of geographic analysis.

Maps should be included that show the Census tracts and block groups included in the analysis as well as the relation of the project area to those Census tracts and block groups.

Appendix C: Statistics for Racial and Ethnic Minorities
Green County Census Data

		Minority		BLACK OR AFRICAN AMERICAN ALONE		AMERICAN INDIAN AND ALASKA NATIVE ALONE		ASIAN ALONE		NATIVE HAWAIIAN AND OTHER PACIFIC ISLANDER ALONE		SOME OTHER RACE ALONE		TWO OR MORE RACES		HISPANIC OR LATINO ORIGIN	
REGION	TOTAL POPULATION	Total	%	Total	%	Total	%	Total	%	Total	%	Total	%	Total	%	Total	%
United States	308,745,538	85192273	27.59	38,929,319	12.61	2,932,248	0.95	14,674,252	4.75	540,013	0.17	19,107,368	6.19	9,009,073	2.92	50,477,594	16.35
Kentucky	4,339,367	529830	12.21	337,520	7.78	10,120	0.23	48,930	1.13	2,501	0.06	55,551	1.28	75,208	1.73	132,836	3.06
Green County	11,258	483	4.29	224	1.99	40	0.36	17	0.15	1	0.01	56	0.50	145	1.29	159	1.41
Census Tract 9302	4,060	241	5.94	123	3.03	9	0.22	8	0.20	0	0.00	8	0.20	43	1.06	50	1.23
Census Tract 9303	2,423	99	4.09	9	0.37	10	0.41	0	0.00	0	0.00	0	0.00	26	1.07	54	2.23
Census Tract 9304	1,601	85	5.31	32	2.00	10	0.62	1	0.06	0	0.00	0	0.00	26	1.62	16	1.00

Source: 2010 Kentucky State Data Center Census.gov

Appendix C: Statistics for Age, Poverty, and Disabled Populations
Green County Census Data

		PERSONS 65 AND OVER		PERSONS BELOW POVERTY LEVEL		DISABLED POPULATION AGE 5 AND OVER	
REGION	TOTAL POPULATION	NUMBER	%	NUMBER	%	NUMBER	%
United States	308,745,538	40,267,984	13.04	48,452,035	15.69	37,465,173	12.13
Kentucky	4,339,367	578,227	13.33	809,764	18.08	726,726	16.75
Green County	11,258	1,946	17.29	2,729	24.24	2,749	24.42
Census Tract 9302	4,060	856	21.08	953	23.47	1,106	27.24
Census Tract 9303	2,423	371	15.31	374	15.44	510	21.05
Census Tract 9304	1,601	253	15.80	122	7.62	439	27.42

Source: Disability Characteristics 2012 American Community Survey 1-year Estimates
Source: US Census Bureau / American FactFinder

Appendix D: Threshold Analysis

Analysis Range Explanation and Methodology for Population Percentages Above or Below Green County Threshold

Percent Racial Minority

Analysis Range	Percent Minority
Significantly Above Threshold (> 125%)	> 5.36%
Just Above Threshold (100% - 125%)	4.29% - 5.36%
REFERENCE THRESHOLD (COUNTY PERCENTAGE)	**4.29%**
Just Below Threshold (75% - 100%)	2.45% - 4.29%
Significantly Below Threshold (< 75%)	< 3.21%

Percent Hispanic or Latino Origin

Analysis Range	Percent Minority
Significantly Above Threshold (> 125%)	> 1.76%
Just Above Threshold (100% - 125%)	1.41% - 1.76%
REFERENCE THRESHOLD (COUNTY PERCENTAGE)	**1.41%**
Just Below Threshold (75% - 100%)	1.05% - 1.41%
Significantly Below Threshold (< 75%)	< 1.05%

Percent 65 and Older

Analysis Range	Percent 65 an Older
Significantly Above Threshold (> 125%)	> 21.61%
Just Above Threshold (100% - 125%)	17.29% - 21.61%
REFERENCE THRESHOLD (COUNTY PERCENTAGE)	**17.29%**
Just Below Threshold (75% - 100%)	12.96% - 17.29%
Significantly Below Threshold (< 75%)	< 12.96%

Percent Below Poverty

Analysis Range	Percent Below Poverty
Significantly Above Threshold (> 125%)	> 30.30%
Just Above Threshold (100% - 125%)	24.24% - 30.30%
REFERENCE THRESHOLD (COUNTY PERCENTAGE)	**24.24%**
Just Below Threshold (75% - 100%)	18.18% - 24.24%
Significantly Below Threshold (< 75%)	< 18.18%

Percent Disabilities Age 5 and Over

Analysis Range	Percent Disabilities Age 5 and Over
Significantly Above Threshold (> 125%)	> 30.52%
Just Above Threshold (100% - 125%)	24.42% - 30.52%
REFERENCE THRESHOLD (COUNTY PERCENTAGE)	**24.42%**
Just Below Threshold (75% - 100%)	18.31% - 24.42%
Significantly Below Threshold (< 75%)	< 18.31%

Appendix F

Public Meeting Summaries

Meeting Summary

TO:

Srinivasa Gutti, P.E. Co-Project Manager KYTC Central Office Planning 200 Mero Street Frankfort, KY 40622	Jeff Moore Co-Project Manager KYTC District Office #3 900 Morgantown Road Bowling Green, KY 42101	Charlie Allen, P.E. Co-Project Manager KYTC District Office #4 634 East Dixie Highway Elizabethtown, KY 42701

FROM: Brian Aldridge, P.E.
Project Manager
Stantec Consulting Services Inc.

DATE: March 7, 2014

SUBJECT: US 68 Scoping Study, Metcalfe and Green County
KYTC Item No. 3-203.00
Public Meeting #1a – Metcalfe County

A Public Information Meeting for the US 68 Scoping Study was held on February 10, 2014 at 5:00 p.m. CST at the Sulphur Well United Methodist Church. The purpose of the meeting was to provide information about the study and the projects under consideration, discuss conceptual alternatives, and solicit input from the public. The following individuals from the Kentucky Transportation Cabinet and the consultant staff were in attendance:

Charlie Allen	KYTC – District 4 Planning
Brad Bottoms	KYTC – District 4
Chris Jessie	KYTC – District 4
Shane McKenzie	KYTC - Central Office Planning
Greg Meredith	KYTC – District 3
Jeff Moore	KYTC – District 3 Planning
Steve Ross	KYTC - Central Office Planning
Wes Watt	KYTC – District 3
Misti Wilson	KYTC – District 3
Brian Aldridge	Stantec Consulting Services Inc.
Tom Creasey	Stantec Consulting Services Inc.
Ashley Day	Stantec Consulting Services Inc.
Kenneth Cox	American Engineers, Inc.
Peter Overmohle	American Engineers, Inc.
Chris Blevins	Palmer Engineering
Gary Sharpe	Palmer Engineering

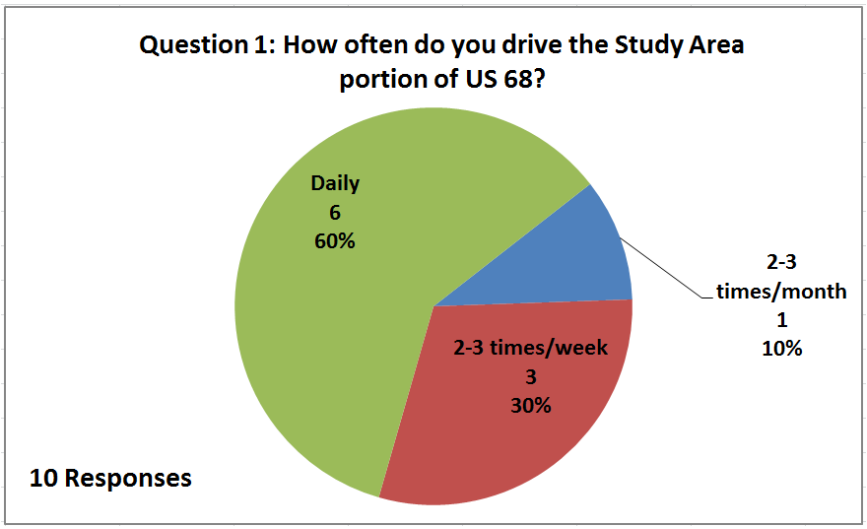
This was the first of two early public meetings with the second to be held in Greensburg the following night. The same information was presented at each location. The meeting was held in an open house format, with a formal presentation at 5:15 pm to explain the project. Attendees were asked to sign in and were provided a project handout, a copy of the draft Purpose and Need Statement, and a questionnaire. All information was made available on the project website at http://transportation.ky.gov/YourTurn/Pages/US-68-Scoping-Study.aspx. KYTC and consultant staff was available to answer questions and discuss issues. Based on the sign-in sheets, 72 members of the public attended the meeting.

The following project exhibits were on display:

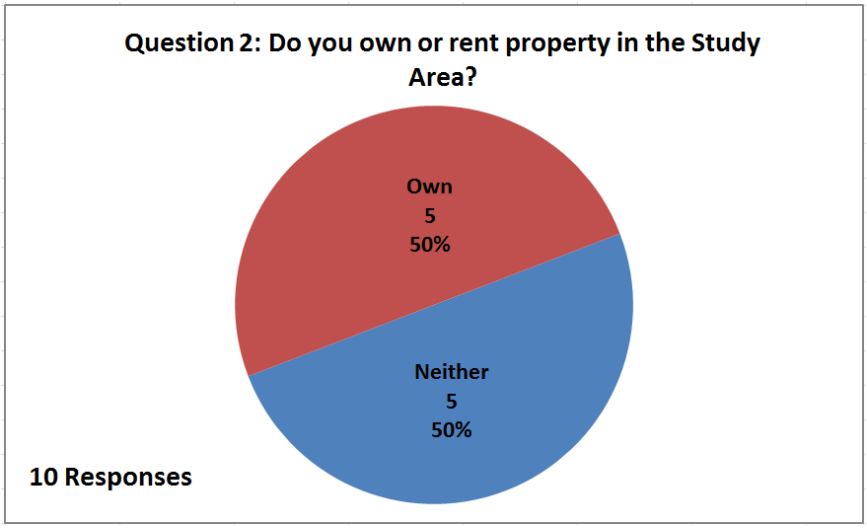
- Study Area for the US 68 Corridor ("Map A")
- Study Area for the US 68 Connector ("Map B")
- Crash History (2010–2012) and Curvature Map

Public meeting attendees were given the option to either fill out their questionnaire at the meeting or return it by mail after the meeting. (An online version of the questionnaire was also made available and the results are summarized in a separate document.) A total of 10 questionnaires were returned with two received at the meeting and eight received within the two-week comment period. The results of the questionnaire are summarized as follows:

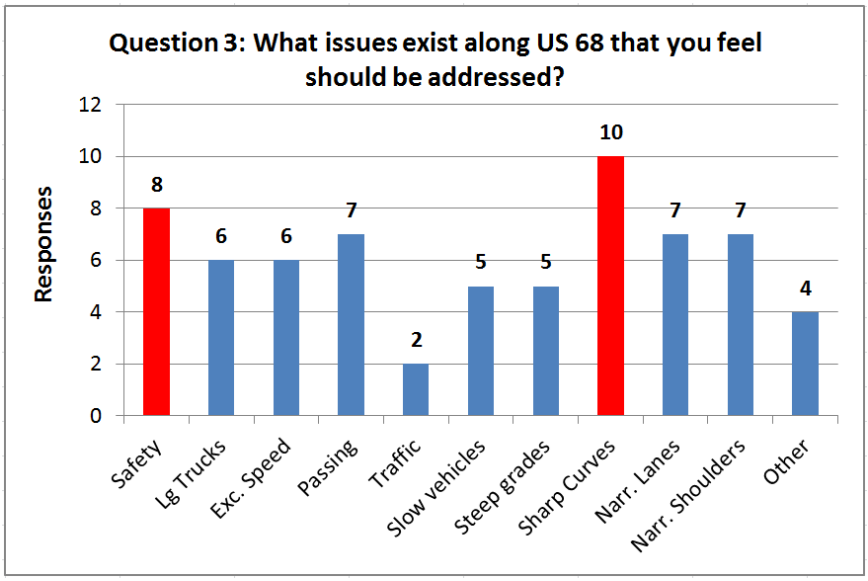
a. The first question asked how frequently the attendees drove through the study area. Six respondents (60 percent) said they drive through the study area daily.



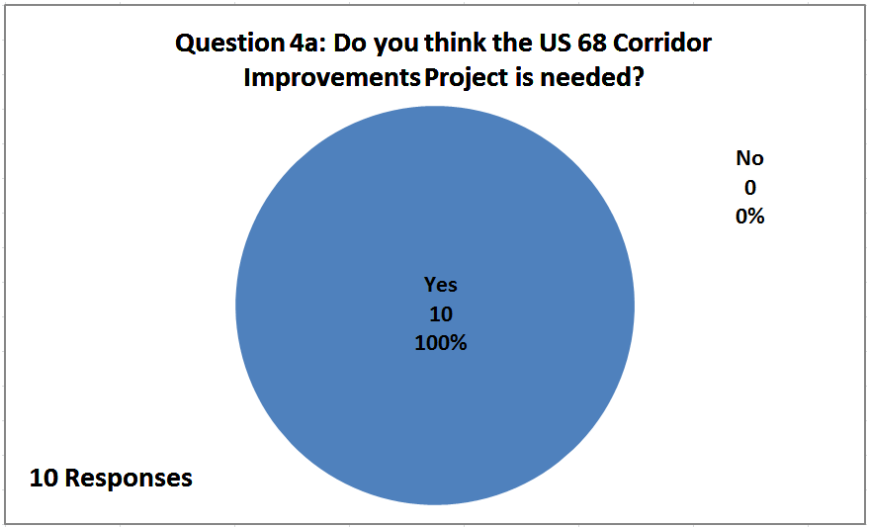
b. Question 2 asked if the attendees own or rent/lease property within the study area. Of the 10 responses, half indicated they own property within the study area and half neither owned nor rented property in the study area.

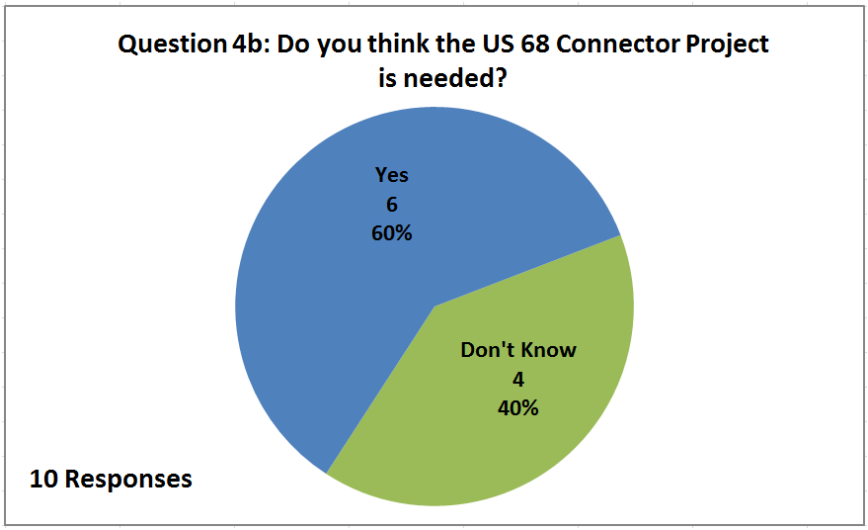


c. Attendees were asked whether several transportation issues along US 68 should be considered as part of the project. Of the 10 options provided, sharp curves (10 responses) and safety (8 responses) were selected most. Few passing opportunities, narrow lanes, and narrow shoulders each received five responses. Other issues that were mentioned include slow moving farm equipment and narrow bridges.

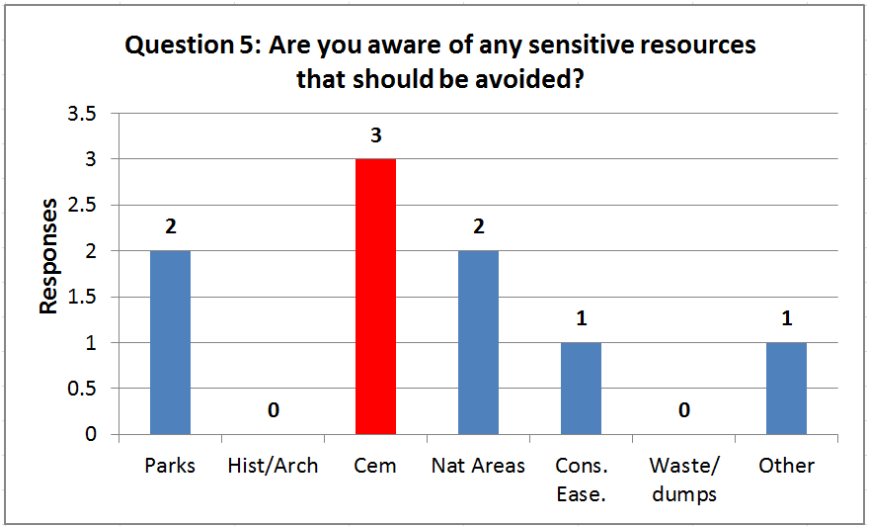


d. Attendees were asked if they felt the US 68 Corridor Project and the US 68 Connector Project are needed. All respondents indicated the US 68 Corridor Project is needed. Six respondents (60 percent) indicated the US 68 Connector is needed with the remaining four (40 percent) indicating they did not know if it is needed.

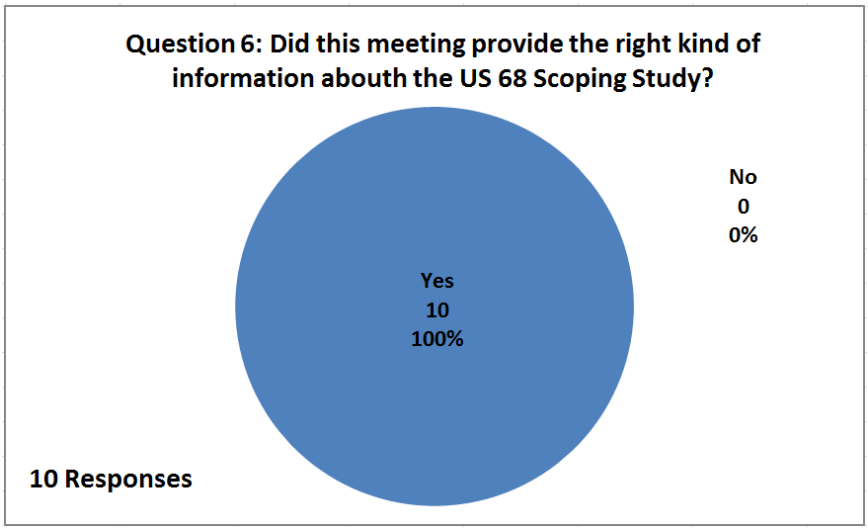




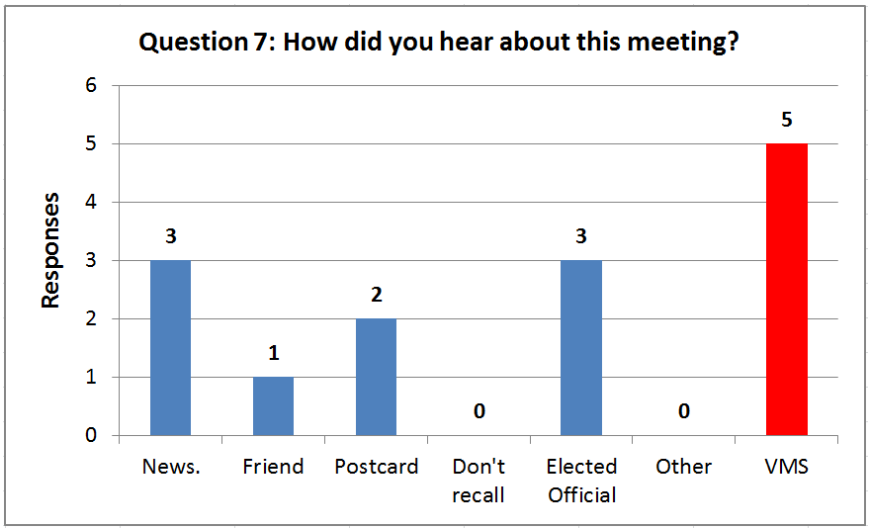
e. Attendees were asked if they were aware of any sensitive environmental resources that should be avoided should the projects move forward. Responses included parks, specifically Wyatt-Jeffries Woods in Green County, and multiple cemeteries. The presence of caves throughout the study area was also mentioned.



f. Question #6 asked if the attendees felt the appropriate type of information was provided at the meeting. All respondents indicated the right kind of information was shared.



g. The final question on the survey asked how respondents had learned about the public meeting. The Variable Message Signs (VMS) posted in the weeks prior to the meeting were instrumental in getting the word out as five respondents indicated that was how they learned of the meeting. The newspaper and elected officials were each listed three times.



The meeting ended at approximately 7:00 p.m. CST.

Meeting Summary

TO:

Srinivasa Gutti, P.E.	Jeff Moore	Charlie Allen, P.E.
Co-Project Manager	Co-Project Manager	Co-Project Manager
KYTC Central Office Planning	KYTC District Office #3	KYTC District Office #4
200 Mero Street	900 Morgantown Road	634 East Dixie Highway
Frankfort, KY 40622	Bowling Green, KY 42101	Elizabethtown, KY 42701

FROM: Brian Aldridge, P.E.
Project Manager
Stantec Consulting Services Inc.

DATE: March 7, 2014

SUBJECT: US 68 Scoping Study, Metcalfe and Green County
KYTC Item No. 3-203.00
Public Meeting #1b – Green County

A Public Information Meeting for the US 68 Scoping Study was held on February 11, 2014 at 5:00 p.m. CST at the Greensburg Baptist Church. The purpose of the meeting was to provide information about the study and the projects under consideration, discuss conceptual alternatives, and solicit input from the public. The following individuals from the Kentucky Transportation Cabinet and the consultant staff were in attendance:

Charlie Allen	KYTC – District 4 Planning
Brad Bottoms	KYTC – District 4
Travis Carrico	KYTC - Central Office Design
Patty Dunaway	KYTC – District 4
Srinivasa Gutti	KYTC - Central Office Planning
Katie Hornback	KYTC – District 4
Greg Meredith	KYTC – District 3
Jeff Moore	KYTC – District 3 Planning
Mikael Pelfrey	KYTC - Central Office Planning
Wes Watt	KYTC – District 3
Kevin Young	KYTC – District 4
Kenneth Cox	American Engineers, Inc.
Peter Overmohle	American Engineers, Inc.
Chris Blevins	Palmer Engineering
David Lindeman	Palmer Engineering
Gary Sharpe	Palmer Engineering
Brian Aldridge	Stantec Consulting Services Inc.

Ashley Day	Stantec Consulting Services Inc.
Glenn Hardin	Stantec Consulting Services Inc.

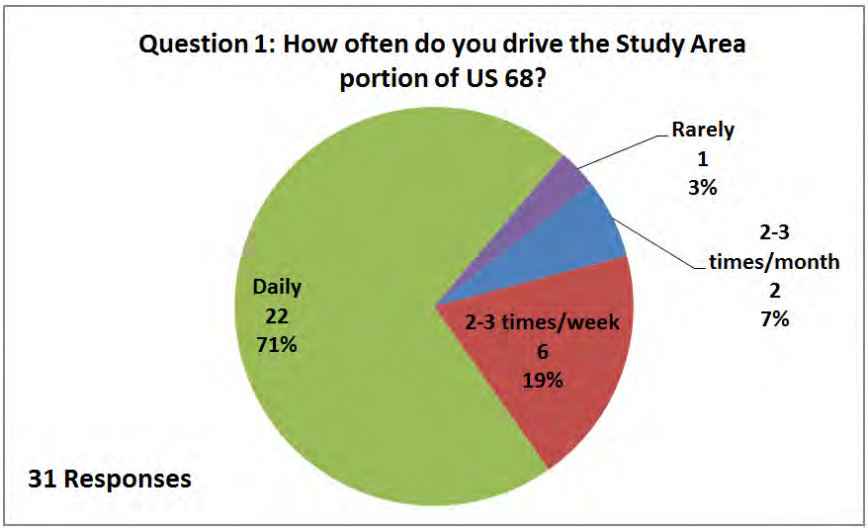
This was the second of two early public meetings with the first held the night before in Sulphur Well (Metcalfe County). The same information was presented at each location. The meeting was held in an open house format, with a formal presentation at 5:15 pm to explain the project. Attendees were asked to sign in and were provided a project handout, a copy of the draft Purpose and Need Statement, and a questionnaire. All information was made available on the project website at http://transportation.ky.gov/YourTurn/Pages/US-68-Scoping-Study.aspx. KYTC and consultant staff was available to answer questions and discuss issues. Based on the sign-in sheets, 86 members of the public attended the meeting.

The following project exhibits were on display:

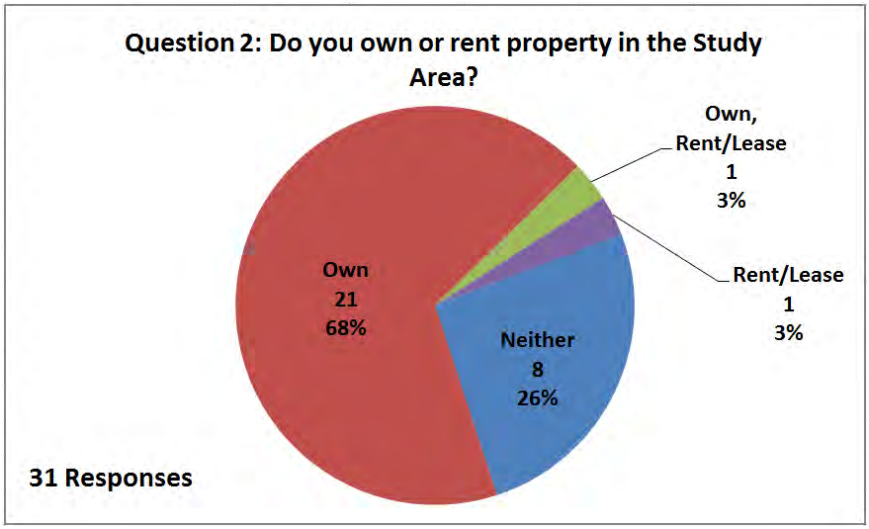
- Study Area for the US 68 Corridor ("Map A")
- Study Area for the US 68 Connector ("Map B")
- Crash History (2010–2012) and Curvature Map

Public meeting attendees were given the option to either fill out their questionnaire at the meeting or return it by mail after the meeting. (An online version of the questionnaire was also made available and the results are summarized in a separate document.) A total of 31 questionnaires were returned with 14 received at the meeting and 17 received within the two-week comment period. The results of the questionnaire are summarized as follows:

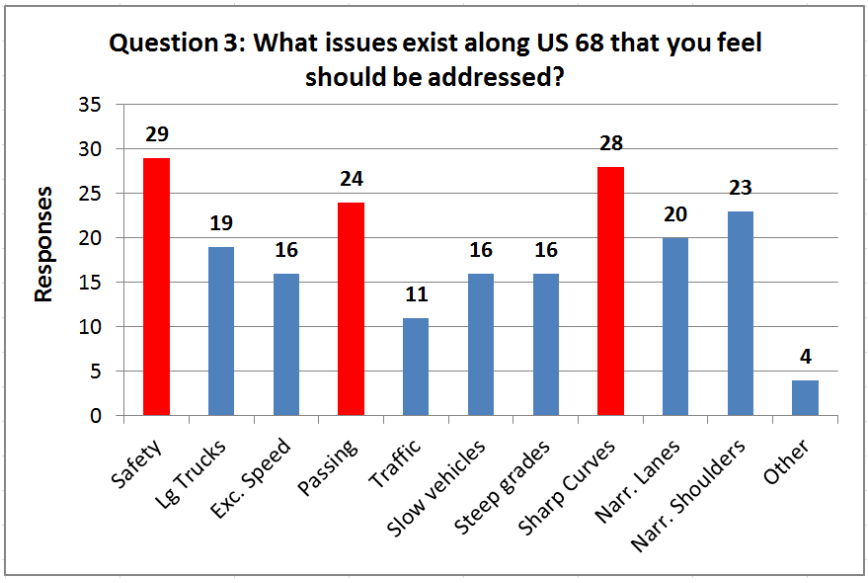
a. The first question asked how frequently the attendees drove through the study area. Twenty-two respondents (71 percent) said they drive through the study area daily.



b. Question 2 asked if the attendees own or rent/lease property within the study area. Of the 31 responses, 21 (68 percent) indicated they own property within the study area. About one quarter (8 responses, 26 percent) indicated they neither owned nor rented property in the study area.

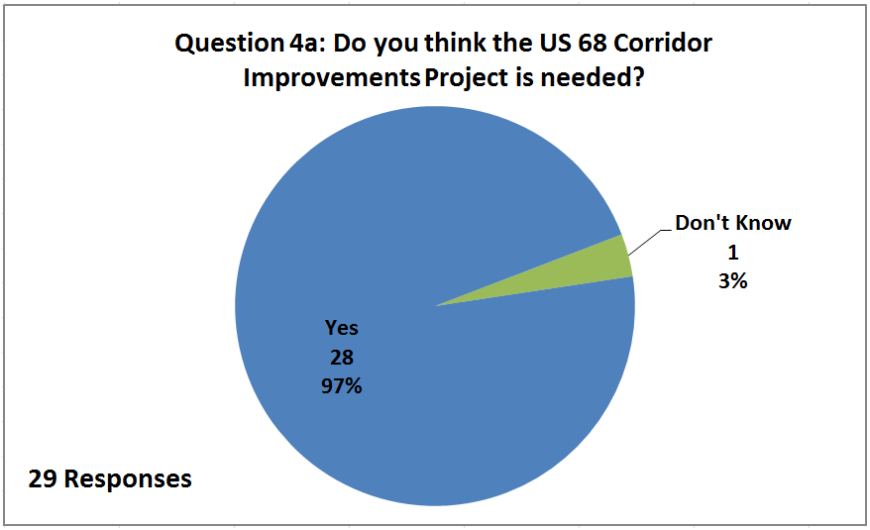


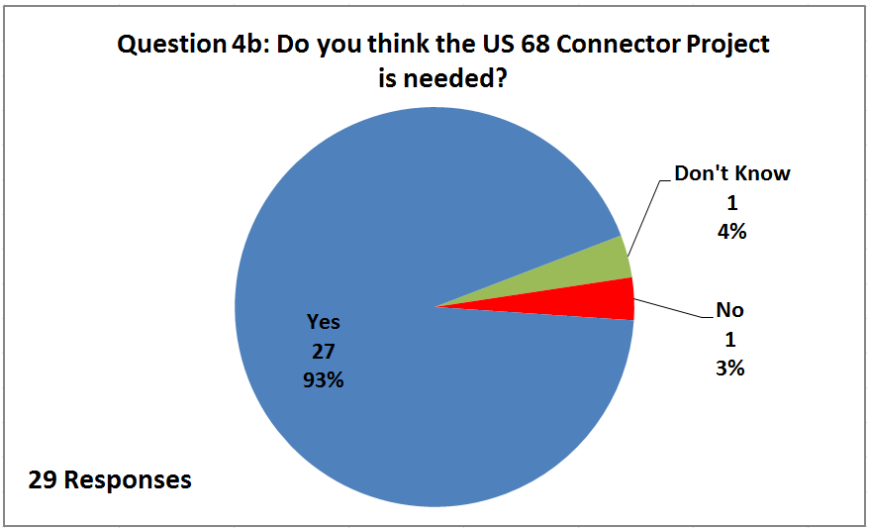
c. Attendees were asked whether several transportation issues along US 68 should be considered as part of the project. Of the 10 options provided, safety (29 responses), sharp curves (28 responses), and few passing opportunities (24 responses) were selected most. Other issues that were mentioned include narrow bridges and areas prone to flooding.



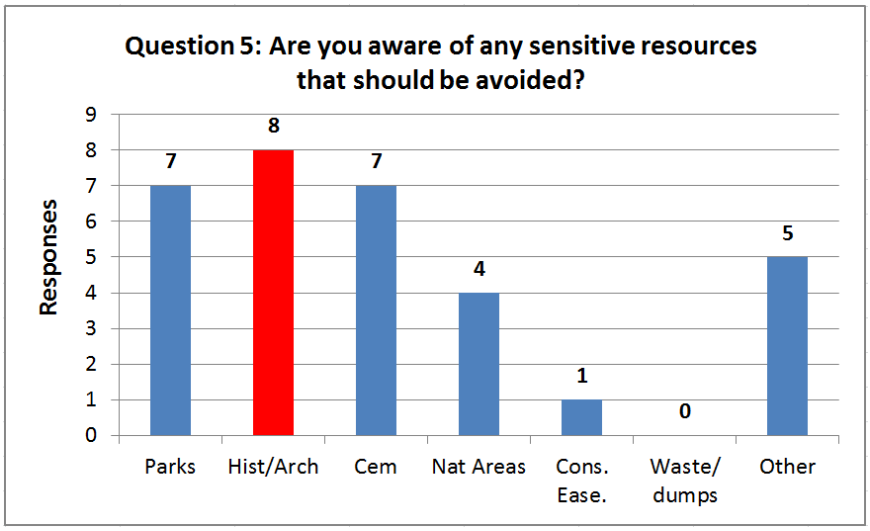
d. Attendees were asked if they felt the US 68 Corridor Project and the US 68 Connector Project are needed. Twenty-eight respondents (97 percent)

indicated the US 68 Corridor project is needed with the remaining response (three percent) indicating they did not know if it is needed. Twenty-seven respondents (93 percent) indicated the US 68 Connector is needed.





e. Attendees were asked if they were aware of any sensitive environmental resources that should be avoided should the projects move forward. Responses included multiple cemeteries, parks, and mentions of known historic properties, such as the Vaughan House.



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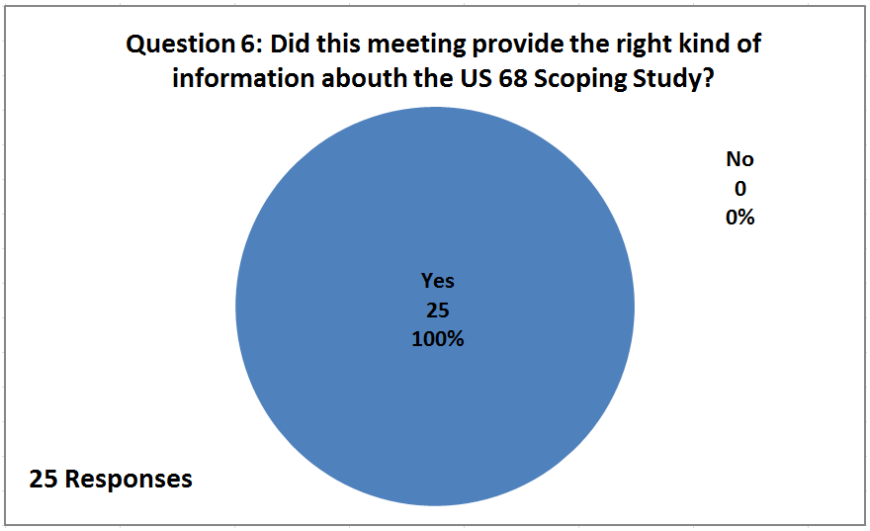
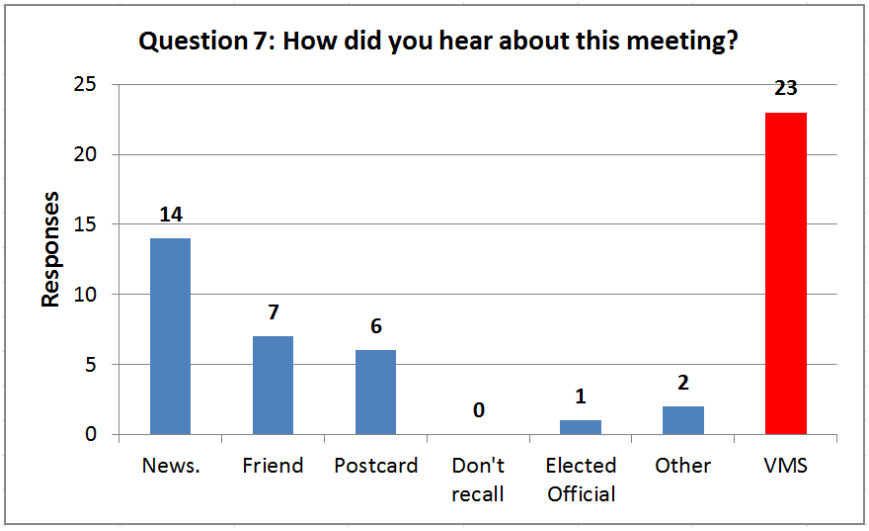


g. The final question on the survey asked how respondents had learned about the public meeting. The most frequently listed option was the Variable Message Signs (VMS) posted in the weeks prior to the meeting as 23 respondents indicated that was how they learned of the meeting. The newspaper was the second most frequently listed option with 14 responses.



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