

Environmental Overview

Improvements to US 68 from the Louie B. Nunn Cumberland Parkway at Edmonton in Metcalfe County to KY 3535 Northeast of Greensburg in Green County

Green and Metcalfe Counties, Kentucky

Item Number: 3-203.00

prepared for:

Kentucky Transportation Cabinet





August 2014

TABLE OF CONTENTS

| 1.0 EXECUTIVE SUMMARY | 3 |
|---|----|
| 2.0 INTRODUCTION | 5 |
| 2.1 Project Description. | ŗ |
| 2.1.1 Corridor Project | |
| 2.1.2 Connector Project | |
| 2.2 Project Purpose | 6 |
| 2.3 Project Need | 6 |
| 2.3.1 Roadway Deficiencies | |
| 2.3.2 Safety | 6 |
| 3.0 PHYSICAL CHARACTERISTICS OF THE PROJECT AREA | 7 |
| 3.1 CLIMATE | |
| 3.2 Physiographic Conditions | |
| 3.3 TOPOGRAPHY | 8 |
| 3.4 GEOLOGY | |
| 3.5 Soils | |
| 3.6 Watershed | 13 |
| 3.7 LAND USE | |
| 4.0 ENVIRONMENTAL CHARACTERISTICS OF THE PROJECT AREA | |
| 4.1 Air Quality | |
| 4.2 Noise | |
| 4.3 ECOLOGICAL RESOURCES | 12 |
| 4.3.1 Aquatic Resources | |
| 4.3.1.1 Floodplains | |
| 4.3.1.2 Waters and Wetlands | 15 |
| 4.3.1.3 Permits | 15 |
| 4.3.1.4 Wild and Scenic Rivers | |
| 4.3.2 Terrestrial Resources | |
| 4.3.3 Threatened and Endangered Species | |
| 4.4 Cultural Historic Resources | |
| 4.4.1 Historic Resources | |
| 4.4.2 Archaeological Resources | 20 |
| 4.5 Section 4(F) / Section 6(F) Resources | |
| 4.6 Hazardous Material/Underground Storage Tanks | |
| 4.7 SOCIOECONOMIC CHARACTERISTICS | 25 |
| 4.7.1 Population | |
| 4.7.2 Race and Hispanic or Latino Origin | 26 |
| 4.7.3 Housing | 30 |
| 4.7.4 Industry and Employment | |
| 4.7.5 Income | |
| 4.7.6 Environmental Justice | |
| 4.7.7 Agriculture | 32 |
| 5.0 CONSTRUCTION PHASE ACTIVITIES | 33 |
| 6.0 EARLY COORDINATION AND PUBLIC INVOLVEMENT | 34 |
| | |

LISTING OF FIGURES

| Figure 1: Kentucky Annual Avera | ge Precipitation | 7 |
|------------------------------------|---|----|
| = - | of Kentucky (Kentucky Geological Survey) | |
| | cky | |
| | | |
| | LISTING OF TABLES | |
| Table 1: Soils That Occur within t | he Project Area – Green County, Kentucky | 10 |
| Table 2: Soils That Occur within t | he Project Area – Metcalfe County, Kentucky | 11 |
| Table 3: Federally Threatened an | d Endangered Species with Potential to Occur | 17 |
| Table 4: Sites of Environmental I | nterest | 23 |
| Table 5: Bridges for Asbestos Sar | npling | 25 |
| Table 6: Population Figures and F | Projections for Green and Metcalfe Counties, Kentucky | 25 |
| Table 7: Race and Hispanic or Lat | ino Origin Characteristics by Block Group | 27 |
| Table 8: Green and Metcalfe Cou | inties Labor Force | 30 |
| Table 9: Median Household and | Per Capita Incomes by Block Group | 31 |
| | LISTING OF EXHIBITS | |
| Exhibit 1: Project Location Map | | 4 |
| Exhibit 2: Project Area Census Tr | acts and Block Groups | 29 |
| Exhibit 3: Environmental Feature | S | 35 |
| | | |
| | APPENDICES | |
| Appendix A Fcological Corre | spondence | |

Cultural Historic Resources Overview

Environmental Data Resources Report

Environmental Justice Reviews

Public Meeting Summaries

Appendix B Appendix C

Appendix D

Appendix E

1.0 EXECUTIVE SUMMARY

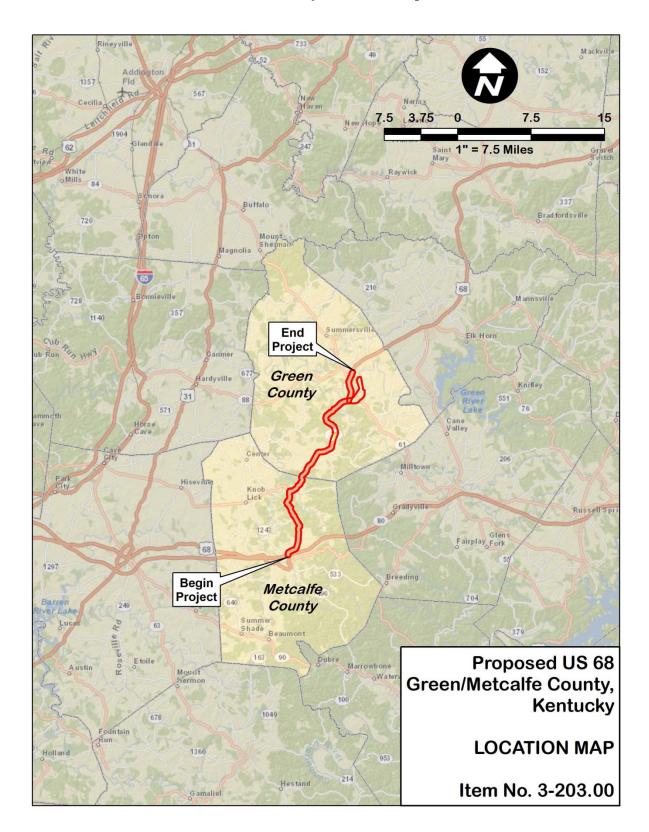
In support of the Kentucky Transportation Cabinet's (KYTC) US 68 Scoping Study, this Environmental Overview examines approximately 24 miles of the existing US 68 Corridor between the Louie B. Nunn Cumberland Parkway at Edmonton in Metcalfe County to KY 3535 (Industrial Park Road), northeast of Greensburg in Green County (Item No. 3-203.00). The scoping study encompasses the project limits of three Six Year Plan (SYP) Item Numbers: 3-8706 (Metcalfe), 8-8710 (Green), and 8-8711 (Green), described as a "new connector from Vaughn Curve on US 68 Bypass east of Greensburg, crossing KY 61 and KY 417 and connecting with KY 3535 north of Greensburg" (see Exhibit 1).

Environmental studies were performed to identify potential impacts and areas of concern within the 24mile corridor. US 68 in the study area carries between 900 and 2,000 vehicles per day along the rural sections and approximately 5,000 to 8,000 vehicles per day through the city of Greensburg; the majority of the study corridor is currently two lanes.

The scoping study examines two distinct projects: the US 68 corridor (Item Nos. 3-8706 and 8-8710) and the US 68 connector (Item No. 8-8711). The purpose of the US 68 Corridor Project is to provide a safer, more efficient connection between Greensburg and the Cumberland Parkway by improving substandard geometrics along the corridor. The study area is one mile wide and centered along existing US 68. The proposed improvements to the US 68 corridor would connect a new interchange on the Cumberland Parkway (KYTC Item Number 3-8505) with the intersection of KY 61 and US 68 in Greensburg. The new interchange on the Cumberland Parkway will have some effect on regional travel patterns. The results of the Corridor Study will aid in the planning for the proposed developments, which will provide a safer, more efficient connection between Greensburg and the Cumberland Parkway by improving substandard geometrics along the corridor.

The purpose of the US 68 Connector Project is to improve safety, connectivity, and mobility, and to provide system redundancy by creating an alternate crossing over the Green River. Three connector alternatives are currently under consideration; one alternative follows existing US 68 through downtown Greensburg, while the other two alternatives are new route options that travel east of the city. The new alignment options avoid impacts to the historic district of downtown Greensburg, as well as the large number of properties individually listed on the National Register of Historic Places (NRHP).

Exhibit 1: Project Location Map



2.0 INTRODUCTION

2.1 Project Description

This report presents an overview of significant environmental features within the study area of the proposed improvements to US 68 (Item Number 3-203.00) in Green and Metcalfe counties in southcentral Kentucky. This overview is based on correspondence with state and federal resource agencies, research, and field assessments of the study area. By identifying features in the study area, this document is intended to assist the Kentucky Transportation Cabinet (KYTC) in evaluating the environmental effects of the proposed roadway alignment alternatives.

US 68 in the study area, approximately 24 miles between the interchange under construction with the Louie B. Nunn Cumberland Parkway north of Edmonton in Metcalfe County and US 68/KY 61 intersection in Greensburg in Green County, carries between 900 and 2,000 vehicles per day along the rural sections and approximately 5,000 to 8,000 vehicles per day through the city of Greensburg.

As described in the Executive Summary, this Environmental Overview encompasses two separate projects: the US 68 corridor (Item Nos. 3-8706 and 8-8710) and the US 68 connector (Item No. 8-8711). The projects are described in more detail below. Environmental project mapping is located in Exhibit 3 at the end of this document.

2.1.1 Corridor Project

The current corridor roadway consists of a two-lane facility with narrow to nonexistent shoulders. In Metcalfe County from mile point 9.002 to mile point 20.026 (at the Green County line), the roadway is classified as a rural major collector; from mile point 0 (at the Green County line) to mile point 11.954, it is classified as a rural major collector; and from mile point 11.954 to mile point 14.287, it is classified as a rural minor arterial. There is a high percentage of truck traffic in the project corridor, ranging from 5.1% to 14.2% trucks. The majority of the corridor has at least 9% trucks.

North of the Cumberland Parkway, US 68 is a rural major collector that extends northeastwardly to the city of Greensburg. This is just a portion of the entire US 68 Corridor, which stretches approximately 400 miles from Paducah to Maysville. Past improvements have been made to the US 68 Corridor from Greensburg via Campbellsville to Lebanon, which have provided a more reliable and safer connection up to the Martha Layne Collins Bluegrass Parkway north of Lebanon and Springfield via KY 555.

The proposed corridor roadway would have two 11-foot lanes with full-width shoulders, four feet of which would be paved. The facility may include truck climbing lanes at areas with heavy truck traffic and steep grades. Spot improvements are also being considered for this project, with priority given to sections with a history of safety problems. The Greasy Creek Bridge is located within the corridor and has a low sufficiency rating of 53.1.

2.1.2 Connector Project

Beginning east of Russell Creek Bridge, US 68 consists of two 10-foot lanes, which then widen to 11 feet. The shoulders begin as 3-foot combination, and then range from 0- to 8-foot curbed. Beginning at East Hodgenville Street, the roadway consists of four 13-foot lanes; they narrow just east of East Hodgenville Street to 12 feet, with 10-foot paved shoulders.

Two connector options are currently being considered in addition to improvements along the existing route through Greensburg, as well as an alignment to the west, following existing Depot Street. The connector alternatives would consist of two 12-foot lanes with 10-foot paved shoulders.

The Green River Bridge, with a low sufficiency rating of 53, is located within the connector project area. The Green River Bridge does not meet current design standards and ultimately must be replaced. The nearest alternate state-maintained crossings of the Green River require a 19-mile detour to the west (at KY 88) or a 20-mile detour to the east (at KY 55 in Taylor County).

2.2 Project Purpose

The purpose of the US 68 Corridor project is to provide a safer, more efficient connection between Greensburg and the Cumberland Parkway by improving substandard geometrics along the corridor.

The purpose of the US 68 Connector is to improve safety, connectivity, and mobility, and to provide system redundancy by creating an alternate crossing over the Green River.

2.3 Project Need

2.3.1 Roadway Deficiencies

From mile point 9.0 in Metcalfe County to the Green County line, and from the Green County line to mile point 11.95, US 68 is classified as a rural major collector. From mile point 11.95 to the end of the project, it is classified as a rural minor arterial. The majority of US 68 in the project corridor has some grades without sight distance or frequent grades without sight distance. Shoulder widths through the corridor range from one to four feet, with two small sections in Greensburg that have curb and gutters. From the Metcalfe County line to mile point 4.58, US 68 has two nine-foot lanes. The majority of the route has lanes widths of ten feet or less. The US 68 corridor has geometric deficiencies, with a large number of horizontal curves that do not meet current standards for a 45 MPH design speed.

2.3.2 Safety

Between 2010 - 2012, there were 128 crashes between the Cumberland Parkway overpass and the KY 61/KY 3535 intersection. A number of single-vehicles crashes have occurred at the locations of substandard horizontal; in addition, there are occurrences of rear-end and sideswipe crashes throughout the corridor.

Within Greensburg, there are a large number of angle crashes, as well as single-vehicle and rear-end crashes. These crashes are typically attributed to congestion and slow-moving traffic. At the local officials meetings held in Metcalfe and Green counties in December 2013, attendees noted safety, narrow shoulders, narrow lanes, curves, and few passing opportunities as problems within the corridor. Attendees at the Public Meeting in Green County in February 2014 listed safety, sharp curves, and few passing opportunities as the issues that should be addressed along US 68. Attendees at the Public Meeting in Metcalfe County in February 2014 listed sharp curves, safety, passing, narrow lanes, and narrow shoulders as the issues along US 68 that should be addressed.

3.0 PHYSICAL CHARACTERISTICS OF THE PROJECT AREA

3.1 Climate

Green and Metcalfe counties are considered to have a mild, mid-latitude climate that is well-suited for supporting diverse flora and fauna (Ulack et. al. 1998). According to United States Geological Survey (USGS) soil publications, the average daily maximum temperature during the summer is 88° F, while the average daily minimum temperature during the winter is 25° F. As illustrated in **Figure 1**, total annual precipitation is 50 inches and of this, 54% usually falls from April through September. The average seasonal snowfall is 13 inches, with an average of 7 days of at least one inch snow on the ground. The number of such days varies greatly from year to year.

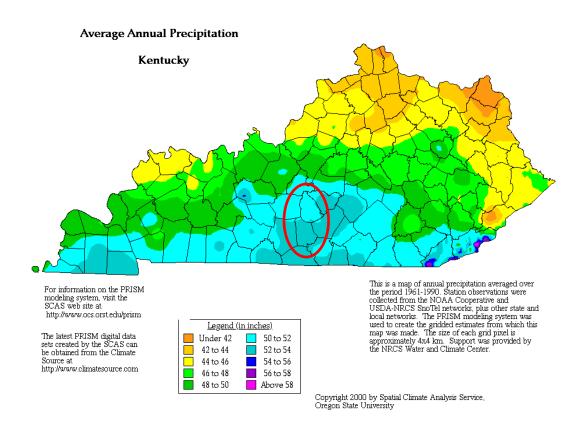


Figure 1: Kentucky Annual Average Precipitation

3.2 Physiographic Conditions

Metcalfe and Green counties are in the Eastern Pennyroyal physiographic region, which is part of the Mississippian Plateau, in south-central Kentucky (see **Figure 2**). The typical terrain of the counties near the study area is a well-dissected, rolling to hilly, upland plateau with areas of karst topography

¹ Latham, E E. and A. J. Barton, 1967. Soil Survey of Metcalfe County, Kentucky. U.S. Department of Agriculture, Soil Conservation Service.

characterized by sinkholes, sinking streams, streamless valleys, springs, caverns, and caves.² Geologically, the two counties are underlain by Mississippian rocks, mostly limestones deposited 350 million years ago in the bottom of a warm, shallow sea.³

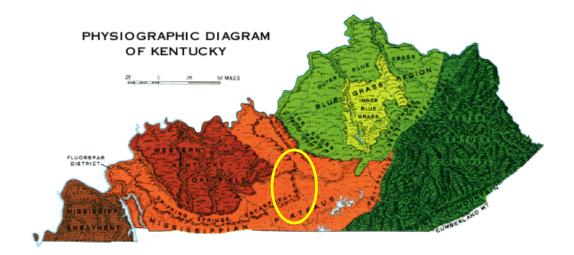


Figure 2: Physiographic Regions of Kentucky (Kentucky Geological Survey)

3.3 Topography

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 Clover 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.

3.4 Geology

The project is within the Greensburg, Summersville, Exie, and East Fork, Kentucky Geologic Quadrangle (see Figure 3). The Mississippian Plateaus Region (Pennyroyal) extends from the Mississippi Embayment in the west to the Bluegrass and Eastern Kentucky Coal Field regions and surrounds much of the Western Kentucky Coal Field. It is a physiographically diverse region described as "a karst landscape [that] has sinkholes, sinking streams, caves and springs." Karst terrain of the Mississippian Plateau (Eastern Pennyroyal) occurs because bedrock in the eastern and southern parts of the region is

² McGrain, P. and J. C. Currens. 1978. Topography of Kentucky. Kentucky Geological Survey, University of Kentucky, Lexington, KY. Special Publication 25, Series X.

³ Sauer, C.O., 1927, Geography of the Pennyroyal: Kentucky Geological Survey, ser. 6, v. 25, 303 p.

⁴ Ulack, R., K. Raitz, and G. Pauer, eds. 1998. Atlas of Kentucky. The University of Kentucky Press, Lexington, KY. 316 pp.

dominated by thick deposits of Mississippian-age limestones.⁵ These limestones are considered soluble (i.e. will dissolve) under the right conditions, which means they are easily eroded by waters moving through the ground. This project is within the boundaries of an area known as the Green River Bioreserve, a system of surface and subterranean aquatic habitats comprising the recharge area of the Green River and associated Mammoth Cave systems.

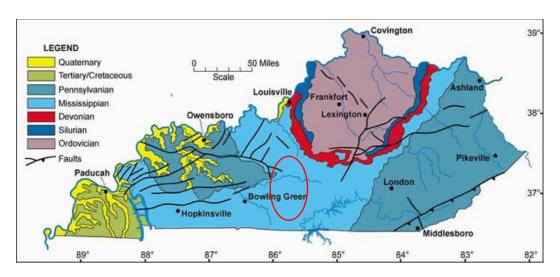


Figure 3: Geologic Map of Kentucky

3.5 Soils

According to the Metcalfe County and Green and Taylor Counties Soil Surveys,⁶ the study area contains 68 soil types in Metcalfe County and 26 in Green County, of which three are common between the two counties (see Table 1 for Green County and Table 2 for Metcalfe County). According to the Natural Resources Conservation Services (NRCS), soil classifications for hydric, farmland, and erosion, only two soils are considered hydric, Melvin silt loam and Robertsville silt loam; 58 are considered prime farmland and of those, 20 are of state importance.

The erosion rating (K-factor) indicates the susceptibility of a soil to sheet and rill erosion by water. Values of K range from 0.02 to 0.69, with lower values indicating lower susceptibility to erosion or detachment. Within the project area, K-factors range from 0.24 to 0.43. The estimates are based primarily on percentage of silt, sand, and organic matter and on soil structure and saturated hydraulic conductivity. Other factors being equal, the higher the value, the more susceptible the soil is to sheet and rill erosion by water (NRCS web soil survey).

Hydric soils are defined by the National Technical Committee as soils that formed under conditions of saturation, flooding, or ponding long enough during the growing season to develop anaerobic conditions in the upper part. Under natural conditions, these soils are either saturated or inundated long enough during the growing season to support the growth and reproduction of hydrophytic vegetation (NRCS web soil survey).

Kentucky Geological Society (KGS). http://www.uky.edu/KGS/geoky/physiographic.htm. Accessed 12 December 2013.

⁶ Natural Resource Conservation Service. http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm. Accessed 12 December 2013.

Table 1: Soils That Occur within the Project Area – Green County, Kentucky

| Map Unit Symbol | Map Unit Name | Hydric (Yes/No) | Erosion Rating (K- value) | Farmland Classification |
|-----------------------|---|--------------------|------------------------------------|------------------------------|
| | | | | |
| CaC | Caneyville silt loam, very rocky, 6 - 20% slopes | No | 0.43 | Not prime farmland |
| CaE | Caneyville silt loam, very rocky, 20 - 30% slopes | No | 0.43 | Not prime farmland |
| DcB | Dickson silt loam, 2 - 6% slopes | No | 0.43 | Prime farmland |
| EIB | Elk silt loam, 2 - 6% slopes | No | 0.37 | Prime farmland |
| EIC | Elk silt loam, 6 - 12% slopes | No | 0.37 | Farmland of state importance |
| FkB | Frankstown silt loam, 2 - 6% slopes | No | 0.37 | Prime farmland |
| FkC | Frankstown silt loam, 6 - 12% slopes | No | 0.37 | Farmland of state importance |
| FkD | Frankstown silt loam, 12 - 20% slopes | No | 0.37 | Not prime farmland |
| FkE | Frankstown silt loam, 20 - 30% slopes | No | 0.37 | Not prime farmland |
| FrB | Frederick silt loam, 2 - 6% slopes | No | 0.32 | Prime farmland |
| FrC | Frederick silt loam, 6 - 12% slopes | No | 0.32 | Farmland of state importance |
| FrD | Frederick silt loam, 12 - 20% slopes | No | 0.32 | Not prime farmland |
| FrE | Frederick silt loam, 20 - 30% slopes | No | 0.32 | Not prime farmland |
| FsD3 | Frederick silty clay loam, 12 - 20% slopes, severely eroded | No | 0.32 | Not prime farmland |
| GaF | Garmon-Shelocta complex, 25 - 60% slopes | No | 0.32 | Not prime farmland |
| LoF | Lowell-Caneyville silt loam, very rocky, 30 - 60% slopes | No | 0.37 | Not prime farmland |
| Me | Melvin silt loam | Yes | 0.43 | Prime farmland if drained |
| Mh | Morehead silt loam | No | 0.37 | Prime farmland if drained |
| MoB | Mountview silt loam, 2 - 6% slopes | No | 0.43 | Prime farmland |
| MoC | Mountview silt loam, 6 - 12% slopes | No | 0.43 | Farmland of state importance |
| NdC | Needmore silty clay, 6 - 12% slopes, severely eroded | No | 0.32 | Not prime farmland |
| Ne | Newark silt loam | No | 0.37 | Prime farmland if drained |
| No | Nolin silt loam | No | 0.32 | Prime farmland if drained |
| OtA | Otwell silt loam, 0 - 2% slopes | No | 0.43 | Prime farmland |
| OtB | Otwell silt loam, 2 - 6% slopes | No | 0.43 | Prime farmland |
| Pt | Pits | | | |
| Та | Taft silt loam | No | 0.43 | Prime farmland if drained |

Table 2: Soils That Occur within the Project Area – Metcalfe County, Kentucky

| Map Unit Symbol | Map Unit Name | Hydric | Erosion Rating (K- value) | Farmland Classification |
|-----------------------|---|--------|------------------------------------|------------------------------|
| BaB | Baxter cherty silt loam, 2 - 6% slopes | No | 0.28 | Prime farmland |
| BaB2 | Baxter cherty silt loam, 2 - 6% slopes, eroded | No | 0.28 | Prime farmland |
| BaC | Baxter cherty silt loam, 6 - 12% slopes | No | 0.28 | Farmland of state importance |
| BaC2 | Baxter cherty silt loam, 6 - 12% slopes, eroded | No | 0.28 | Farmland of state importance |
| BaD | Baxter cherty silt loam, 12 - 20% slopes | No | 0.28 | Not prime farmland |
| BaD2 | Baxter cherty silt loam, 12 - 20% slopes, eroded | No | 0.28 | Not prime farmland |
| BaE | Baxter cherty silt loam, 20 - 30% slopes | No | 0.28 | Not prime farmland |
| BaE2 | Baxter cherty silt loam, 6 - 12% slopes, eroded | No | 0.28 | Not prime farmland |
| BcC3 | Baxter cherty silt clay loam, 6 - 12% slopes, severely eroded | No | 0.24 | Not prime farmland |
| BcD3 | Baxter cherty silt clay loam, 12 - 20% slopes, severely eroded | No | 0.24 | Not prime farmland |
| BcE3 | Baxter cherty silt clay loam, 20 - 30% slopes, severely eroded | No | 0.24 | Not prime farmland |
| BeC2 | Baxter-Talbott rocky silt loams, 6 - 12% slopes, eroded | No | 0.28 | Not prime farmland |
| BeD2 | Baxter-Talbott rocky silt loams, 12 - 20% slopes, eroded | No | 0.28 | Not prime farmland |
| BeE2 | Baxter-Talbott rocky silt loams, 20 - 30% slopes, eroded | No | 0.28 | Not prime farmland |
| BfD3 | Baxter-Talbott rocky silt loams, 12 - 20% slopes, severely eroded | No | 0.28 | Not prime farmland |
| BoD | Bodine cherty silt loam, 12 - 20% slopes | No | 0.28 | Not prime farmland |
| BoE | Bodine cherty silt loam, 20 - 35% slopes | No | 0.28 | Not prime farmland |
| CaE | Caneyville rocky complex, 20 - 30% slopes | No | 0.43 | Not prime farmland |
| CaE3 | Caneyville rocky complex, 20 - 30% slopes, severely eroded | No | 0.43 | Not prime farmland |
| CaF | Caneyville rocky complex, 30 - 50% slopes | No | 0.43 | Not prime farmland |
| CbA | Captina silt loam, 0 - 2% slopes | No | 0.43 | Prime farmland |
| CbB | Captina silt loam, 2 - 6% slopes | No | 0.43 | Prime farmland |
| CcD3 | Captina silt loam, 6 - 20% slopes, severely eroded | No | 0.43 | Not prime farmland |
| CdB | Christian loam, 2 - 6% slopes | No | 0.37 | Prime farmland |
| CdC | Christian Ioam, 6 - 12% slopes | No | 0.37 | Farmland of state importance |
| CdC2 | Christian loam, 6 - 12% slopes, eroded | No | 0.37 | Farmland of state importance |
| CdD2 | Christian loam, 12 - 20% slopes, eroded | No | 0.37 | Not prime farmland |
| CeD | Christian rocky soils, 12 - 20% slopes | No | 0.43 | Not prime farmland |
| CkB | Clarksville cherty silt loam, 2 – 6% slopes | No | 0.28 | Prime farmland |
| CkC | Clarksville cherty silt loam, 6 - 12% slopes | No | 0.28 | Farmland of state importance |
| CkC2 | Clarksville cherty silt loam, 6 - 12% slopes, eroded | No | 0.28 | Farmland of state importance |

Table 2 continued on next page

| Map Unit Symbol | Map Unit Name | Hydric | Erosion Rating (K- value) | Farmland Classification |
|-----------------------|---|-------------------------------------|------------------------------------|---------------------------------|
| CkD2 | Clarksville cherty silt loam, 12 - 20% slopes, eroded | No | 0.28 | Not prime farmland |
| CkE2 | Clarksville cherty silt loam, 20 - 30% slopes, eroded | No | 0.28 | Not prime farmland |
| CrB | Crider silt loam, 2 - 6% slopes | No | 0.32 | Prime farmland |
| CrB2 | Crider silt loam, 2 - 6% slopes, eroded | No | 0.32 | Prime farmland |
| CrC2 | Crider silt loam, 6 - 12% slopes, eroded | No | 0.32 | Farmland of state importance |
| CuC2 | Cumberland cherty silt loam, 6 - 12% slopes | No | 0.28 | Farmland of state importance |
| DaD | Dandridge-Westmoreland shaly silt loams, 12 - 20% slopes | No | 0.28 | Not prime farmland |
| DaF | Dandridge-Westmoreland shaly silt loams, 20 - 50% slopes | No | 0.28 | Not prime farmland |
| DbF3 | Dandridge-Westmoreland shaly silt loams, 20 - 50% slopes, severely eroded | No | 0.28 | Not prime farmland |
| DcB | Dandridge-Westmoreland silt loams, 2 - 6% slopes | No | 0.32 | Not prime farmland |
| DcC | Dandridge-Westmoreland silt loams, 6 - 12% slopes | oreland silt loams, 6 - 12% No 0.32 | | Not prime farmland |
| DeB | Dewey silt loam, 2 - 6% slopes | No | 0.32 | Prime farmland |
| DeC2 | Dewey silt loam, 6 - 12% slopes, eroded | No | 0.32 | Farmland of state importance |
| DkA | Dickson silt loam, 0 - 2% slopes | No | 0.43 | Prime farmland |
| DkB | Dickson silt loam, 2 - 6% slopes | No | 0.43 | Prime farmland |
| DkB2 | Dickson silt loam, 2 - 6% slopes, eroded | No | 0.43 | Prime farmland |
| DkC2 | Dickson silt loam, 6 - 12% slopes, eroded | No | 0.43 | Farmland of state importance |
| EkB | Elk silt loam, 2 - 6% slopes | No | 0.37 | Prime farmland |
| Gu | Gullied land | | | |
| HcB | Humphreys cherty slit loam, 2 - 6% slopes | No | 0.28 | Prime farmland |
| HcC | Humphreys cherty slit loam, 6 - 12% slopes | No | 0.28 | Farmland of state importance |
| HcC2 | Humphreys cherty slit loam, 6 - 12% slopes eroded | No | 0.28 | Farmland of state importance |
| Hg | Huntington gravelly silt loam | No | 0.20 | Prime farmland |
| Hu | Huntington silt loam | No | 0.28 | Prime farmland |
| LdB | Landisburg silt loam, 2 - 6% slopes | No | 0.43 | Prime farmland |
| Ls | Lindside silt loam | No | 0.37 | Prime farmland |
| Me | Melvin silt loam | Yes | 0.43 | Prime farmland if drained |
| MoB | Mountview silt loam, 2 - 6% slopes | No | 0.43 | Prime farmland |
| MoC2 | Mountview silt loam, 6 - 12% slopes, eroded | No | 0.43 | Farmland of state importance |
| Nk | Newark silt loam | No | 0.37 | Prime farmland if drained |
| PmB | Pembroke silt loam, 2 - 6% slopes | No | 0.32 | Prime farmland |
| PmC2 | Pembroke silt loam, 6 - 12% slopes, eroded | No | 0.32 | Farmland of state importance |

Table 2 continued on next page

| Map Unit Symbol | Map Unit Name | Hydric | Erosion Rating (K- value) | Farmland Classification |
|-----------------------|--|--------|------------------------------------|------------------------------|
| Rb | Robertsville silt loam | Yes | 0.43 | Prime farmland if drained |
| Rf | Robinsonville fine sandy loam | No | 0.28 | Prime farmland |
| Rk | Rock outcrop | | | |
| SaB | Sango silt loam, 2 - 6% slopes | No | 0.43 | Prime farmland |
| Та | Taft silt loam | No | 0.43 | Prime farmland if drained |
| TbC | Talbott silt loam, rocky, 6 - 12% slopes | No | 0.37 | Farmland of state importance |
| TcC2 | Talbott silty clay loam, rocky, 6 - 12% slopes, eroded | No | 0.32 | Farmland of state importance |

3.6 Watershed

The project falls within the Upper Green River watershed USGS Hydrologic Unit Code (HUC8) 05110001, as identified by the Kentucky Division of Water (KDOW). The project crosses three subbasins, Big Brush Creek-Green River, Russell Creek, and Little Barren River. The 24-mile study area consists mostly of rural communities surrounded by farmland and scattered forested habitat.

The Green River is 384-mile-long tributary of the Ohio River wholly within the state. It starts in Lincoln County in south-central Kentucky and flows westerly towards the Ohio River. The Upper Green River Watershed, which includes the headwaters downstream to the Butler County line, is rated by the Nature Conservancy and the Natural Heritage Program as the fourth most important watershed in the United States and the most important watershed in Kentucky for protecting fish and mussel species. It is the most biologically diverse river in the entire Ohio River ecosystem and hosts 71 mussel species and over 150 fish species. This watershed contains Mammoth Cave National Park, Kentucky's largest spring, Lost River Cave, Hidden River Cave, Cub Run Cave, and the only segments of the Green River deemed Wild River (26 miles) and Exceptional Waters (66 miles).

3.7 Land Use

The proposed project begins in low-density residential land uses and passes through low-density residential, commercial, and industrial land uses, as well as rural wooded areas. It terminates in an area of high-density commercial land uses within the city limits of Greensburg. The commercial land uses include gas stations, a funeral home, car dealerships, and multiple historic buildings. Industrial land use is scattered throughout the project corridor and includes solid waste, trucking, and tire facilities.

4.0 ENVIRONMENTAL CHARACTERISTICS OF THE PROJECT AREA

4.1 Air Quality

Green and Metcalfe counties are currently in attainment for all criteria pollutants: Carbon Monoxide (CO), Eight-Hour Ozone (O₃), Particulate Matter (PM) 2.5, PM10, Lead (Pb), Nitrogen Dioxide (NO₂), and Sulfur Dioxide (SO₂). Based on available traffic data, the US 68 project is not expected to meet criteria to require a CO project-level analysis and will not produce a projected violation of the CO standards (35 parts per million over a one-hour period, or 9 parts per million over an eight-hour period). Therefore, negative impacts to the ambient air quality of Green or Metcalfe counties are not expected.

With respect to Mobile Source Air Toxics (MSATs), available traffic data indicates that the US 68 project is one with low potential MSAT effects. Therefore, a qualitative MSAT analysis, rather than a quantitative analysis, will likely be required at a later date for the connector project. An air quality analysis may not be required for spot improvements on the corridor project.

4.2 Noise

A preliminary noise study will provide data to consider noise impacts associated with each of the alternatives. A full noise analysis will be performed for the connector project once a Preferred Alternative is selected; a noise analysis is not likely to be required if spot improvements are conducted for the corridor project.

To determine potential noise impacts from construction and operation of the proposed project, noisesensitive land uses will need to be identified for each alternative, and existing ambient noise levels must be measured for each. The procedure for conduction field monitoring will be based on FHWA requirements and the KYTC Noise Abatement Policy. Noise levels will be measured in terms of Leg, which reflects the average equivalent steady state sound level; in a given time period (usually one hour), it would contain the same acoustic energy as the time-varying sound level during the same time period. The FHWA Traffic Noise Model (TNM) 2.5 will be used to produce future noise impact calculations for the noise impact analysis.

With respect to construction noise, the contractor will be required to provide equipment such as sound deadening devices, shields, and physical barriers, and to take such noise abatement measures that may be necessary to restrict the transmission of noise in the immediate vicinity of schools, hospitals, rest homes, churches, libraries, museums, parks, and other noise-sensitive sites. It will be the responsibility of KYTC to monitor construction noise and advise the contractor of violations of the maximum allowable noise levels.

4.3 Ecological Resources

The following sections discuss the sensitive ecological resources present within the study area.

4.3.1 Aquatic Resources

4.3.1.1 Floodplains

Floodplain information was obtained from the Federal Emergency Management Agency's (FEMA) FIRMette digital flood data, as appended by the state of Kentucky. This project is located on the following Flood Insurance Rate Maps (FIRM): City of Greensburg 21087C0140C, 21087C205C, 21087C0185C, 21087C120C, Green County 21087C0200C, 21087C0300C, Metcalfe County 21169C0125C, and 21169C0115C. The project crosses seven different Zone A floodplains. The largest floodplains are the Green River, Russell Creek, and East Fork Little Barren River.

4.3.1.2 Waters and Wetlands

Based on USGS topographic maps, the project crosses 17 blue-line streams (nine named and eight unnamed tributaries). The most important waters in the project area are Green River and Russell Creek, both of which are Outstanding State Resource Waters (OSRW). The Green River is an OSRW because it contains many federally endangered and threatened species and Russell Creek is an exceptional waters reference reach. The remaining named streams are Sulfur Creek, East Fork Little Barren River, Caney Fork, Greasy Creek, Clover Lick Creek, and Goose Creek.

Correspondence with the Kentucky State Nature Preserve Commission (KSNPC) stated that the "project area is within the boundaries of an area known as the Green River Bioreserve, a system of surface and subterranean aquatic habitats comprising the recharge area of the Green River and associated Mammoth Cave systems. This is the fourth-most important site nationally for the conservation of rare aquatic organisms and biodiversity. It includes the largest number of imperiled aquatic organisms in Kentucky" (KSNPC letter dated December 16, 2013). Ecological correspondence is located in Appendix A.

In a letter response dated December 2, 2013, from the Kentucky Division of Water (KDOW) Division of Ground Water, underground water tracer data is primarily in the area west of the project. There are also many domestic wells in use within the overview project corridor.

Potential wetlands were mapped using National Wetland Inventory (NWI) maps and site reconnaissance. See Exhibit 3 at the end of this overview for environmental features. The entire project is scattered with potential wetlands ranging from small palustrine emergent wetlands under a tenth of an acre to larger forested wetlands located in various woodlots and along the major streams. Actual wetland determinations will be completed during the Aquatic Terrestrial Reporting phase of the project.

4.3.1.3 Permits

Permit requirements will be determined during the project's design phase. Seventeen blue-line streams and numerous smaller streams not labeled on USGS topographic maps are present in the overview study area. There are also numerous potential wetlands throughout the project area.

The KDOW will require a non-point source pollution control plan and an erosion control plan. Application of the KYTC's Standard Specifications for Road and Bridge Construction and the Federal Highway Administration's (FHWA) Best Management Practices for Erosion and Sediment Control can be used to alleviate most sedimentation problems. Because of the amount of karst area surrounding the project, and

the project area being part of the Green River Bioreserve, a Ground Water Protection Plan would most likely be required.

Jurisdictional waters, as defined by the United States Army Corps of Engineers (USACE), are located within the study area. Ephemeral streams may also be considered jurisdictional waters; therefore potential ephemeral stream impacts will require assessment prior to submission of a permit packet to the USACE. USACE Section 404 and KYDOW Section 401 permits may be required. On-site stream impact mitigation may require consideration for this project. Potential restoration, mitigation, and/or in-lieu fees may be required. Work in a stream, such as bank stabilization, road culverts, utility line crossings, or stream alterations, will require a Floodplain Construction Permit and a Water Quality Certification from the KDOW.

No spring or wellhead protection areas are located within, or adjacent to, the study area.

4.3.1.4 Wild and Scenic Rivers

No nationally listed wild and scenic rivers are located within the study area. While portions of the Green River downstream are listed on the Kentucky Wild River System, no stream reaches within the project area are listed.

4.3.2 Terrestrial Resources

The most notable terrestrial resource in the project corridor is the Wyatt Jeffries Woods. Wyatt Jeffries Woods is 57.1 acres of virgin timber and is the largest tract of mature forest in Green County. The land was purchased by Green County Fiscal Court with money from the Kentucky Heritage Land Fund. NWI mapping also indicates that part of the woodlot is a forested wetland.

Site reconnaissance indicated that the area is gently sloping to moderately steep upland. Pastures and agriculture activities dominated the landscape. The woodlots in the area were generally small in size. Tracts of bottomland forest were observed along the larger streams such as Green River, Russell Creek, and East Fork Little Barren River.

4.3.3 Threatened and Endangered Species

A search of the U.S. Fish and Wildlife Service (USFWS) database revealed 14 species listed for the project study corridor (see Table 3). The Kentucky Department of Fish and Wildlife Resources (KDFWR) information system indicates that the snuffbox, rabbitsfoot, fanshell, clubshell, and gray bat are all known to occur within the half-mile buffer surrounding the project corridor. The remaining species, except for diamond darter, have the potential to occur in the project area based on habitat requirements for each species. The diamond darter was historically found in the Green River; although not currently occupied, a reach of Green River within the project corridor is designated as critical habitat for the species, which identifies the reach as essential for the conservation of the species. Each species is addressed below.

Table 3: Federally Threatened and Endangered Species with Potential to Occur

| Species | Species Common Name | | Habitat Present |
|--------------------------------|-------------------------|-------|--------------------|
| Mammals | | | |
| Myotis sodalist | Indiana bat | Е | Potential |
| Myotis grisescens | Gray bat | Е | Yes |
| Myotis septentrionalis | Northern long-eared bat | Р | Potential |
| Mussels | | | |
| Pleurobema clava | Clubshell | Е | Yes |
| Cyprogenia stegaria | Fanshell | Е | Yes |
| Pleurobema plenum | Rough pigtoe | Е | Potential |
| Plethobasus cyphyus | Sheepnose | E | Potential |
| Cumberlandia monodonta | Spectaclecase | Е | Potential |
| Lampsilis abrupta | Pink mucket | Е | Potential |
| Obovaria retusa | Ring pink | Е | Potential |
| Plethobasus cooperianus | Orangefoot pimpleback | E | Potential |
| Quadrula cylindrica cylindrica | Rabbitsfoot | T, CH | Yes |
| Epioblasma triquertra | Snuffbox | Е | Yes |
| Fish | | | |
| Crystallaria cincotta | Diamond darter | E, CH | Yes |

E = Endangered; T = Threatened; C = Candidate Species; CH = Critical Habitat; P = Proposed

The federally-endangered Indiana bat is listed as potentially occurring within the project corridor based on its historic range, proximity to known occurrence records, or biological and physiographic characteristics. The project corridor contains forested areas and stream corridors which the Indiana bat could potentially use during the summer months as roosting sites, foraging habitat, and travel corridors. Potential winter habitat in the form of rockshelters, caves, and abandoned underground mines also occur in close proximity and within the project corridor. The USFWS recommended that 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 USFWS.

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 bats 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 and lakes where the bats feed. This species is known to occur within the study corridor.

The northern long-eared bat is currently proposed for federal listing under the Endangered Species Act. The entire state of Kentucky is considered potential habitat. 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 crevices/cavities of both live trees and snags. Northern long-eared

bats have also been documented roosting in man-made structures such as barns 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. The USFWS Kentucky Field Office suggests contacting their office to identify and resolve any potential conflicts to prevent significant project delays.

The clubshell mussel is an elongate triangle, compressed, and thick shell that is smooth, brown or yellowish brown with broken green rays near the umbo. Its overall length is two to three inches. It can be found in flowing water, usually in sand and/or gravel without heavy silt deposits in small to large rivers where it often remains deeply buried in the substrate. Presently it is sporadic in the upper Green River system. This species is known to occur within the study corridor.

The fanshell mussel is round, moderately inflated, with a thick shell that is greenish to yellow or tan, with numerous fine green dots or dashes sometimes bundled into broken dark rays. Its overall length is three to four inches. It occurs in riverine habitat of medium to large rivers at depths of less than three feet to more than 18 feet. Its preferred substrates are stable, coarse sand and gravel swept free of silt by current. It is generally distributed in the upper Green River. This species is known to occur within the study corridor.

The rough pigtoe mussel is triangular, inflated, with a thick shell that is smooth with a shallow depression extending from the umbo to the ventral margin. The shell is light to dark brown, sometimes with faint rays and an overall length of three to four inches. Rough pigtoes occur in medium to large rivers, usually in flowing water with clean sand and gravel substrate. It is sporadic in the upper Green River.

The sheepnose mussel is an elongate oval, moderately inflated, and thick. The posterior ridge is rounded and bordered anteriorly by a shallow depression and then by a row of low knobs that extend from the umbo to the ventral margin. It is yellow to brown with an overall length of four to five inches. Sheepnose occur in flowing water of medium to large rivers. Its preferred substrate is a mixture of sand and gravel. It is sporadic nearly statewide.

The spectaclecase mussel is an elongate oval, compressed and thin. The shell is smooth and is light to dark brown in color with an overall length of six to seven inches. Spectaclecases are found in medium to large rivers. Its preferred substrate is mud, sand, and gravel amongst boulders.

The pink mucket mussel is oval, inflated, and thick and sexually dimorphic. The posterior margin in males is bluntly pointed, whereas in females it is rounded or squared. The shell is smooth, shiny, and yellow, yellowish green or tan, sometimes with faint rays. It is four to five inches with pink to salmon-colored nacre. Pink muckets typically occur in free-flowing reaches of large rivers, though it is occasionally reported from large creeks and small rivers. Its preferred substrates appear to be gravel with interstitial sand, kept free of silt by current. It is sporadic from the lower Ohio River to the Licking River, which includes the Green River.

The ring pink mussel is round, compressed to moderately inflated, and thick. The shell is two to three inches, smooth, and tan or brown with distinct purple and white nacre. It is found in medium to large river reaches with sand and gravel substrate in flowing water. It is sporadic in the upper Green River.

The orangefoot pimpleback mussel is round to slightly oval, compressed, and thick. The shell is three to four inches, has knobs present on the posterior two-thirds of the shell, and is yellowish brown to reddish brown. It is found in flowing water of medium to large rivers where the substrate is composed of a mixture of sand and gravel. It is sporadic in the Ohio and Tennessee Rivers. The Green River has suitable habitat for this species.

The rabbitsfoot mussel is elongate rectangle, compressed to cylindrical, and thick. The shell is four to five inches, can have scattered folds, ribs and/or knobs on the posterior ridge, and is tan, brown, or green with green and black triangular markings. The rabbitsfoot occurs in large creeks to large rivers where it can often be found along margins of shoals in gravel substrate in slow to moderate current. It can also be found in muddy sand substrate on the submerged shelf along the river margin. It is sporadic nearly statewide. This species is known to occur within the study corridor.

The snuffbox mussel is triangular, inflated, and moderately thick and sexually dimorphic. In males the posterior ridge is sharp with the posterior slope flattened and ribbed. In females the posterior slope is inflated laterally and serrated. The shell is two to three inches, smooth, yellow or yellowish green, and covered in dark green rays and v-shaped markings. It occurs in shoal habitat of small to large rivers and is usually found buried in gravel or sand substrate with the apertures exposed. It is sporadic in the upper Green River and eastward. This species is known to occur within the study corridor.

The diamond darter was historically distributed throughout the Ohio River Basin, including the Green River. The species has been extirpated from all known habitat except the Elk River in West Virginia. A reach of the Green River is designated critical habitat because this reach contains good water quality and supports fish species that have similar habitat requirements. The diamond darter needs clean sand and gravel substrates, low levels of siltation, and healthy benthic macroinvertebrate populations as prey items. There is critical habitat for this species within the study corridor.

4.4 Cultural Historic Resources

4.4.1 Historic Resources

A Cultural Historic Resources Overview was completed in December 2013 for this corridor and is included in Appendix B. The area of potential effect (APE) for the overview was a corridor of ½ mile on either side of the existing US 68 route. The overview included a records search and review of all historic maps, Section 106 Cultural Historic Resource Reports, Kentucky Historic Inventory files, National Register of Historic Places (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.

In Metcalfe County, there are no listed NRHP 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 in Historic Overview).

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 in Historic Overview).

There are twelve additional historic properties located in Greensburg that are individually listed in the National Register (see Table 2 and Figure 7 in Historic Overview). 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 in Historic Overview).

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 in Historic Overview). There are also two previously recorded historic properties in the survey files of the SHPO that were unevaluated: Gn-36 and Gn-38. The field review indicated that these may be considered potentially eligible after further research.

The last historic resources survey of Green County took place in 1986. Since nearly 30 years have elapsed, there are likely to be changes to the listed or potentially eligible properties. Some properties that were eligible or potentially in the past may have deteriorated and would no longer be considered eligible for the NRHP; however, many properties that were not previously eligible may have reached the age criterion and would now need to be reevaluated.

4.4.2 Archaeological Resources

An Archaeological Overview Study was performed by Cultural Resource Analysts, Inc., to identify potential archaeological resources in the project area. The APE for archaeological resources was defined as the study area, which consists of right-of-way (access limits) along approximately 24 miles of US 68 between Greensburg and the soon-to-be constructed interchange on the Cumberland Parkway, as well as a 0.8 km (0.5 mi) buffer on each side of the centerline. Also included in the study area were two amorphous areas south and east of Greensburg within which new route alternatives are under investigation intended to provide a more efficient connection between US 68 and Greensburg. The entire

study area covers 6,851 ha (16,930 acres). The study included a review of records from the Office of State Archaeology (OSA), the NRHP, and GIS files, and provided a summary of relevant information and analysis of the probability for archaeological sites based on existing data.

Thirteen archaeological sites have been previously recorded within the study area; all of the surveys and sites are located in Green County in the northern extent of the study area near. 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. It should be noted that the prevalence of recorded sites in Green County 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 two (2) of the 13 sites are historic farm/residences, three (3) sites are multi-component prehistoric open habitations and historic farm/residences, and the remaining eight (8) sites are prehistoric open habitations without mounds. The two historic sites are both historic residences located in the city of Greensburg.

If future plans are proposed that impact known sites that have not yet been assessed, the sites would likely need to be revisited and reassessed, and potentially subjected to NRHP testing. 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. Some sites might have been disturbed after they were recorded, 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.

Historic maps suggest the presence of a high number of possible historic archaeological sites. The midtwentieth-century topographic maps identified over 500 isolated historic residences, farm complexes, or outbuildings within the study area but outside of the Greensburg city limits. 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 midtwentieth-century maps identified 13 historic cemeteries. 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, one (1) historic bridge, and one (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. However, there are sections of Mollisol and Inceptisol series soils that were potentially formed during the Holocene and may contain deeply buried cultural deposits. 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. 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. 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.

4.5 Section 4(f) / Section 6(f) Resources

Section 4(f) properties include publicly-owned public parks, recreation areas, and wildlife or waterfowl refuges, or any publicly or privately owned historic site listed or eligible for listing on the National Register of Historic Places. Section 4(f) properties must be considered in the development of transportation projects and avoided whenever feasible. American Legion Park is a public park located on KY 417 (Legion Park Road). This park consists of approximately 30 acres and is Green County's only recreational park. It includes a large pavilion for gatherings, six baseball diamonds, one basketball court, two playgrounds, and a concession stand for spectators. Green River forms the back boundary of the park. Also on the grounds are horse stables and multiple indoor buildings for various uses.

The Wyatt Jeffries Woods, located at 6079 Edmonton Road and described in Section 4.3.2 as a notable terrestrial resource, is 57.1 acres of virgin timber and is the largest tract of mature forest in Green County. The land was purchased by Green County Fiscal Court with money from the Kentucky Heritage Land Fund and provides outdoor recreation opportunities through camping, 1.3 miles of walking trails, and a pavilion with restrooms. This property will be subject to the protections and provisions of Section 4(f).

Section 6(f)(3) of the Land and Water Conservation Fund Act of 1965 requires all property acquired or developed with Land and Water Conservation Fund (LWCF) assistance be maintained in perpetuity for public outdoor recreation use. Property for the American Legion Park (listed as the Green County Park) was purchased with LWCF monies; the swimming pool and Little League field within the park were also developed using LWCF assistance. The Greensburg swimming pool is no longer operational, though the facility still stands. In addition, the Green River Paddle Trail begins at the spillway below the Green River Lake Dam in Taylor County and extends to the Hart County Line. An access point to the Green River Paddle Trail was constructed with LWCF monies in the American Legion Park. Both the park itself and the aforementioned facilities within it will be subject to Section 6(f).

Exhibit 3 shows the location of Section 4(f) and Section 6(f) properties.

4.6 Hazardous Material/Underground Storage Tanks

In January 2014, Palmer Engineering (Palmer) completed a Hazardous Materials Scoping Study for the KYTC. Palmer Engineering obtained the latest database report provided by Environmental Data Resources, Inc. (EDR) of Milford, Connecticut (see Appendix C). In addition, Palmer performed coordination with state, local, and federal environmental agencies; reviewed aerial photography; conducted on-site field investigations; and interviewed local government officials and property owners during a February 2014 Public Meeting.

Approximately 39 sites of potential interest were identified throughout the study corridor (see Table 4 and Exhibit 3). Thirteen sites of these appeared in the EDR report, which included the city of Greensburg.

| Site | Address | County/City | Notes | Latitude | Longitude |
|-----------------------------|--------------------------------|-------------|---|----------|-----------|
| Greenwave Recycling | 3750 Greensburg Road | Metcalfe | Maybe far enough off US 68 | 37.02457 | 85.5972 |
| MLT Trucking | US 68 | Metcalfe | AST's; potential trucking repair service | 37.05265 | 85.60062 |
| Eldarado and Tony's Tire | 6511 & 6515 Greensburg Road | Metcalfe | The two sites are next to each other | 37.05953 | 85.6065 |
| Old Gas Station | 7525 US 68 | Metcalfe | Not in service | 37.07225 | 85.61402 |
| Cell Tower | US 68 | Metcalfe | | 37.09145 | 85.61458 |
| Oil / Gas Well | US 68 | Metcalfe | | 37.10228 | 85.59819 |
| Oil / Gas Well | US 68 | Metcalfe | | 37.10433 | 85.59692 |
| Oil / Gas Well | US 68 | Metcalfe | | 37.10418 | 85.59432 |
| Crude Oil AST | US 68 | Green | Sludge pond; leaking equipment; ground staining | 37.12479 | 85.58124 |
| Crude Oil AST (Multiple) | US 68 | Green | Strong odor; ground staining | 37.12683 | 85.58076 |
| Former Garage | US 68 | Green | Not in service | 37.15473 | 85.54530 |
| Farm Garage | US 68 | Green | | 37.16029 | 85.53588 |
| Arco Gas Station | US 68 | Green | Not in service | 37.16064 | 85.53576 |
| Transfer Station | US 68 | Green | Gas Pipeline | 37.16384 | 85.53496 |

Table 4: Sites of Environmental Interest

| Site | Address | County/City | Notes | Latitude | Longitude |
|----------------------------|----------------------|-------------|---|----------|-----------|
| Former Service | US 68 | Green | Not in service | 37.16953 | 85.53305 |
| Station | 00 00 | Green | NOT III SELVICE | 37.10333 | 00.0000 |
| Former Machine | US 68 | Green | Not in service | 37.18084 | 85.52877 |
| Shop Makimay'a | | | | | |
| McKinney's Corner | US 68 | Green | EKPC | 37.18568 | 85.52911 |
| Substation | 03 00 | Green | ERFO | 37.10000 | 65.52911 |
| Wilco Energy | 3993 Edmonton | _ | | | |
| Corp | Road | Green | BC Oil Company Inc. | 37.20120 | 85.54481 |
| Farm Garage | US 68 | Green | Privately owned | 37.21295 | 85.53388 |
| Aluminum | 1720 Edmonton | Creen | | | |
| Fabricators Inc. | Road | Green | Al 74825 (no files) | 37.22410 | 85.52009 |
| Central Farmers | 901 Columbia Hwy | Greensburg | Possible fertilizers; | 37.24055 | 85.50015 |
| Supply Co. | / South Main Street | Orcensburg | AST's | 37.24000 | 00.00010 |
| IMI-Irving | 801 Columbia Hwy | Greensburg | AST's; concrete | 37.24138 | 85.49903 |
| Materials Inc. | / South Main Street | Greenesarg | mixing station | 07.21.00 | 00110000 |
| Old Coo Station | 642 Columbia Hwy | Cusanah | Not in Service; 11 | 27 24205 | 05 40004 |
| Old Gas Station | / S Main Street | Greensburg | monitoring wells intact; attached care wash | 37.24205 | 85.49894 |
| Materials / | | | allached care wash | | |
| Equipment | South Main Street | Greensburg | Former Tobacco | 37.24415 | 85.49961 |
| Storage Lot | Court Main Circot | Croonobarg | Warehouse | 07.21110 | 00.10001 |
| Old Gas Station | South Main Street | Greensburg | Not in Service | 37.24437 | 85.49878 |
| Skaggs Barber | | Ŭ | Possible former gas | | |
| Shop | 638 Columbia Hwy | Greensburg | station | 37.24506 | 85.49908 |
| Blue Springs | South Main Street | Greensburg | Currently Thrift Shop | 37.24594 | 85.50044 |
| Trading Post | South Main Street | Oreensburg | , | 37.24334 | 00.00044 |
| Former Citgo | Shady Lane & S | | Monitoring Wells, | | |
| Station | Main Street | Greensburg | tanks, auto service | 37.24981 | 85.50188 |
| Greensburg | | | center | | |
| Lumber | South Main Street | Greensburg | Not in Service as a | 37.25016 | 85.50211 |
| Company | Oodiii Walii Oli CCl | Orccrisburg | lumber company | 37.23010 | 00.00211 |
| Former Gas | 219 South Main | | Former Cowboys – | | |
| Station | Street | Greensburg | SB193 | 37.25722 | 85.50354 |
| | Located between | | | | |
| Carwash | FiveStar and | Greensburg | Self-serve | 37.25750 | 85.50366 |
| | Cowboys | | | | |
| Five Star | 215 South Main | | | | |
| Foodmart / | Street | Greensburg | In service – Ai 107734 | 37.25799 | 85.50343 |
| Marathon Station Cowherd & | | | | | |
| Parrott Funeral | 206 South Main | Greensburg | Crematorium | 37.25841 | 85.50273 |
| Home | Street | Greensburg | Ciematonum | 37.23041 | 05.50275 |
| Car Dealer | 213 South Main | | Former Greensburg | | |
| Service Garage | Street | Greensburg | Firestore - UST | 37.25876 | 85.50220 |
| Greensburg | | | | | |
| Bottling | North Depot Street | Greensburg | Not in service, listed mines | 37.26602 | 85.49506 |
| Company | | _ | 11111169 | | |
| Gates Gas | 792 Campbellsville | Greensburg | In service | 37.27112 | 85.49546 |
| Station | Road | Siconobarg | 5011100 | 51.21112 | 30.10040 |
| Nally & Haydon | HWY 487 | Greensburg | Quarry | 37.23555 | 85.48768 |
| Surfacing, LLC | _ | | ' - ' - ' | | |

| Site | Address | County/City | Notes | Latitude | Longitude |
|--|--------------------------|-------------|-----------------------------|----------|-----------|
| Possible Buried Drums Legions Park | 1099 Legion Park Road | Greensburg | Listed & potential historic | 37.24260 | 85.47987 |
| Auto Body Shop | Legion Park Road | Greensburg | In service | 37.24721 | 85.48326 |

In addition, there are seven bridges within the project area that would require asbestos sampling if they are to be demolished during construction (see Table 5).

Table 5: Bridges for Asbestos Sampling

| Site | Address | County/City | Notes | Latitude | Longitude |
|-----------|--------------------------|-------------|--------------------|----------|-----------|
| Bridge #1 | E.F. Little Barren River | Metcalfe | Potential Asbestos | 37.10134 | 85.59936 |
| Bridge #2 | Caney Creek | Metcalfe | Potential Asbestos | 37.11626 | 85.59097 |
| Bridge #3 | Greasy Creek | Green | Potential Asbestos | 37.15158 | 85.56114 |
| Bridge #4 | Russell Creek | Green | Potential Asbestos | 37.22800 | 85.51130 |
| Bridge #5 | Clover Lick Creek | Green | Potential Asbestos | 37.23638 | 85.50032 |
| Bridge #6 | Green River | Green | Potential Asbestos | 37.25391 | 85.50275 |
| Bridge #7 | Clover Lick Creek | Green | Potential Asbestos | 37.23594 | 85.49263 |

4.7 Socioeconomic Characteristics

Socioeconomic data for Green and Metcalfe counties and the state of Kentucky were summarized and documented to determine potential Environmental Justice (EJ) issues.

4.7.1 Population

The 2020 population projection for Green County (11,112) reflects a decrease of 1.3% from 2010 (see Table 6). The population growth rate is significantly lower than both the state average rate of 7.7% and the national average rate of 9.71%. Population growth is projected to continue to decrease in Green County during the next 40 years (www2.ca.uky.edu).

The 2020 population projection for Metcalfe County (10,329) reflects an increase of 2.3%; however, from 2010 to 2050, the population is projected to decrease by 1.6% (see Table 6).

Table 6: Population Figures and Projections for Green and Metcalfe Counties, Kentucky

| | 2010 Census | 2015 Projection | 2020 Projection | 2025 Projection | 2030 Projection | 2050 Projection |
|--------------------|----------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Green County | 11,258 | 11,217 | 11,112 | 10,943 | 10,733 | 9,669 |
| Metcalfe County | 10,099 | 10,233 | 10,329 | 10,383 | 10,380 | 9,938 |

Source: Kentucky State Data Center (www2.ca.uky.edu)

4.7.2 Race and Hispanic or Latino Origin

The project area consists of 12 Census Tract Block Groups (see Table 7 and Exhibit 2). The racial composition of the project area is predominantly White, and the percentage of minority populations in both Green and Metcalfe counties is typically lower than the State average. Green County has a larger percentage of its population that is classified as Native, compared to Kentucky. Several Census Tract Block Groups within both counties have higher percentages of minority populations than the State, as highlighted in orange in Table 7.

Table 7: Race and Hispanic or Latino Origin Characteristics by Block Group

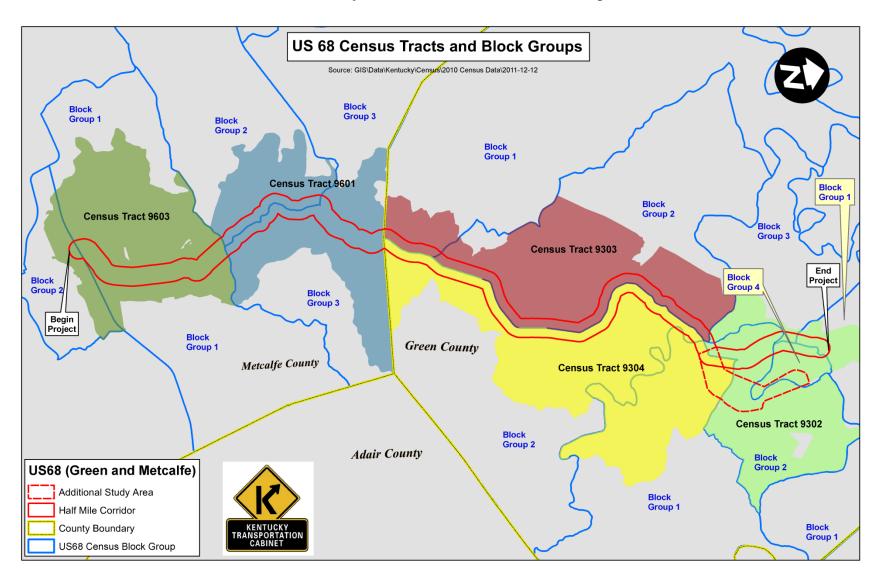
Item 3-203.00

| | | White | Black or African American | Hispanic | Asian | Native (American Indian, Alaska Native, Hawaiian Native, etc.) | One Race, Other (Not Hispanic) | Two or More Races (Not Hispanic) |
|--------------------|---------|-----------|---------------------------------|----------|--------|--|--------------------------------------|--|
| Kentucky | Number | 3,809,537 | 337,520 | 132,836 | 48,930 | 12,621 | 55,551 | 75,208 |
| - Italitaany | Percent | 87.79 | 7.78 | 3.06 | 1.13 | 0.29 | 1.28 | 1.73 |
| Green County | Number | 10,775 | 224 | 159 | 17 | 41 | 56 | 145 |
| | Percent | 95.71 | 1.99 | 1.41 | 0.15 | 0.36 | 0.50 | 1.29 |
| 930200-1 | Number | 1,103 | 21 | 14 | 0 | 0 | 3 | 12 |
| | Percent | 96.84 | 1.84 | 1.23 | 0 | 0 | 0.26 | 1.05 |
| 930200-2 | Number | 664 | 10 | 3 | 4 | 3 | 3 | 1 |
| | Percent | 96.93 | 1.46 | 0.44 | 0.58 | 0.44 | 0.44 | 0.15 |
| 930200-3 | Number | 759 | 45 | 19 | 3 | 4 | 7 | 16 |
| | Percent | 91.01 | 5.40 | 2.28 | 0.36 | 0.48 | 0.84 | 1.92 |
| 930200-4 | Number | 1,318 | 47 | 14 | 1 | 6 | 8 | 22 |
| 300200 + | Percent | 94.01 | 3.35 | 1.00 | 0.07 | 0.43 | 0.57 | 1.57 |
| 930300-1 | Number | 1,151 | 8 | 27 | 0 | 1 | 2 | 20 |
| | Percent | 97.38 | 0.68 | 2.28 | 0 | 0.08 | 0.17 | 1.69 |
| 930300-2 | Number | 1,203 | 3 | 27 | 0 | 10 | 10 | 15 |
| | Percent | 96.94 | 0.24 | 2.18 | 0 | 0.81 | 0.81 | 1.21 |
| 930400-1 | Number | 820 | 30 | 7 | 0 | 7 | 3 | 11 |
| | Percent | 94.14 | 3.44 | 0.80 | 0 | 0.80 | 0.34 | 1.26 |
| 930400-2 | Number | 702 | 2 | 9 | 1 | 3 | 4 | 18 |
| | Percent | 96.16 | 0.27 | 1.23 | 0.14 | 0.41 | 0.55 | 2.47 |
| Metcalfe County | Number | 9,774 | 154 | 115 | 14 | 14 | 52 | 91 |
| | Percent | 96.78 | 1.52 | 1.14 | 0.14 | 0.14 | 0.51 | 0.90 |
| 960100-2 | Number | 679 | 27 | 15 | 1 | 0 | 11 | 5 |
| | Percent | 93.91 | 3.73 | 2.07 | 0.14 | 0 | 1.52 | 0.69 |
| 960100-3 | Number | 786 | 12 | 8 | 0 | 2 | 1 | 13 |

| | | White | Black or African American | Hispanic | Asian | Native (American Indian, Alaska Native, Hawaiian Native, etc.) | One Race, Other (Not Hispanic) | Two or More Races (Not Hispanic) |
|----------|---------|-------|---------------------------------|----------|-------|--|--------------------------------------|--|
| | Percent | 96.56 | 1.47 | 0.98 | 0 | 0.25 | 0.12 | 1.60 |
| 960300-1 | Number | 870 | 5 | 17 | 0 | 4 | 13 | 12 |
| | Percent | 96.24 | 0.55 | 1.88 | 0 | 0.44 | 1.44 | 1.33 |
| 960300-2 | Number | 1,116 | 24 | 13 | 3 | 4 | 4 | 6 |
| | Percent | 96.46 | 2.07 | 1.12 | 0.26 | 0.35 | 0.35 | 0.52 |

Source: US Census Bureau

Exhibit 2: Project Area Census Tracts and Block Groups



4.7.3 Housing

2010 Census data indicates that 5,324 housing units were present in Green County, of which 13.58% are vacant. The owner occupancy rate is 65.63% with a median value (2008 – 2012) of \$72,000. During the same time period in Metcalfe County, there were 4,681 housing units, with a vacancy rate of 13.37%. Owners occupied 65.54% of the housing, with a median value of \$80,300. The need for housing is not expected to increase in Green County because the population has declined slightly since 2000; the population in Metcalfe County has only increased by 2.3%, which is not likely to create a large demand for new housing.

4.7.4 Industry and Employment

According to the US Census Bureau 2008-2012 American Community Survey 5-Year Estimates, the civilian labor force in Green County is 5,070, of which an estimated 10.4% is unemployed (see Table 8). The largest class of workers is the private wage and salary worker, which comprises 73.3% of the work force. The top industries in the county are educational services, and health care and social assistance (25.6%); manufacturing (17.7%); and retail trade (13.6%). The mean travel time to work is 29 minutes.⁷

The civilian labor force in Metcalfe County is 4,584, of which an estimate 7.5% is unemployed (see Table 8). The largest class of workers is the private wage and salary worker, comprising 75.3% of the workforce. The top industries in the county are manufacturing (29.1%); educational services, and health care and social assistance (18.4%); and retail trade (10.0%). The mean travel time to work is 23.7 minutes.

Green CountyMetcalfe CountyCivilian Labor Force5,0704,584Employed4,5414,239Unemployed529345

Table 8: Green and Metcalfe Counties Labor Force

4.7.5 Income

The median household income for Green County is \$33,573 (2008-2012) and has grown by 31.85% since 2000. The income growth rate is higher than the state average rate of 26.54%, and higher than the national average rate of 26.32%. The median household income for Metcalfe County is \$34,100, with an income growth rate of 44.86% since 2000.⁸

Several Census Tract Block Groups within the project area have lower median household incomes and lower per capita incomes than those of their respective counties (highlighted in orange); income levels within both Green and Metcalfe counties are lower than those of the state.

⁷ US Census Bureau. Selected Economic Characteristics, 2008-2012 American Community Survey 5-Year Estimates. http://factfinder2.census.gov, accessed 26 February 2014.

⁸ US Census Bureau. Selected Economic Characteristics, 2008-2012 American Community Survey 5-Year Estimates. http://factfinder2.census.gov, accessed 26 February 2014.

As of 2010, approximately 15.3% of families living in Green County and 10.83% of families living in Metcalfe County were considered impoverished; 14.15% of families living in Kentucky were considered impoverished (see Table 9). The family poverty levels in several Census Block Groups are higher than the levels of their respective counties (highlighted in orange).

Table 9: Median Household and Per Capita Incomes by Block Group

| | Median Household Income | Per Capita Income | Family Poverty Level |
|--------------------------------|----------------------------|----------------------|-------------------------|
| Kentucky | 42,610 | 23,210 | 14.15% |
| Green County Block Group | 33,573 | 19,981 | 15.32% |
| 930200-1 | 51,107 | 44,241 | 10.78% |
| 930200-2 | 41,250 | 27,043 | *** |
| 930200-3 | 18,047 | 12,701 | 35.03% |
| 930200-4 | 32,392 | 16,791 | 17.51% |
| 930300-1 | 36,667 | 16,872 | 10.61% |
| 930300-2 | 29,097 | 17,643 | 14.74% |
| 930400-1 | 37,917 | 25,985 | 2.09% |
| 930400-2 | 31,328 | 12,808 | 18.14% |
| Metcalfe County Block Group | 34,100 | 17,347 | 10.83% |
| 960100-2 | 34,886 | 18,758 | 5.14% |
| 960100-3 | 30,093 | 20,862 | 13.02% |
| 960300-1 | 34,297 | 15,370 | *** |
| 960300-2 | 26,083 | 15,716 | 22.33% |

^{***} Data not available

4.7.6 Environmental Justice

The purpose of *Executive Order 12898*, "Federal Actions to Address Environmental Justice in Minority and Low-Income Populations," is to focus federal attention on the environmental and human health condition of minority and low-income communities, to promote non-discrimination in federal programs affecting human health and the environment, and to provide minority and low-income communities access to public information and an opportunity to participate in matters relating to the environment and human health.

Two Environmental Justice reviews were conducted for this project; the review for Green County was provided by the Lake Cumberland Area Development District, and the review for Metcalfe County was provided by the Barren River Area Development District (see Appendix D). The reviews largely utilize data from the U.S. 2010 Census Tract data, except where unavailable, for the total number and percentages of minority, elderly, low-income, and disabled populations. While reviews of both counties found higher percentages of protected groups in several Census Tracts, they conclude that the proposed project should not have adverse effects on those groups. Further consideration of these populations is recommended during the planning process.

4.7.7 Agriculture

The majority of the project area is rural, with rural residential and commercial land uses interspersed throughout a corridor that is predominantly agricultural and interspersed with woodlots. In the town of Greensburg, there are urban residential, commercial, and industrial land uses. If federal funding is utilized for this project, Farmland Conversion Impact Rating Forms for Corridor Type Projects (NRCS-CPA-106) will be completed for the alternatives to ensure that the provisions of the Farmland Protection Policy Act (7 CFR 658) are met. Due to the small percentage of prime and unique farmland the project would impact, in comparison to the remaining farmland within the counties, it is unlikely that farmland impacts will be problematic.

5.0 CONSTRUCTION PHASE ACTIVITIES

During construction, KYTC's Standard Specifications for Road and Bridge Construction will be utilized to ensure that this project will not cause significant detrimental social, environmental, or economic effects in the area. Any impact incurred during the construction of the proposed project will be short-term and will have no long-lasting effects upon the project area. No major detours will be needed; only short-term traffic delays will be expected. Construction activities, including maintenance of traffic and sequencing of construction, will be planned and scheduled to minimize traffic delays. Signing will be used as appropriate to provide notice of pertinent information to the traveling public. Access to all properties will be maintained to the maximum practical extent. The project is expected to produce construction-period economic benefits by stimulating local economies through construction-related jobs, sales, income, government revenue and expenditures, and off-site construction support.

Best Management Practices (BMPs) and erosion control procedures will be utilized in areas of potential sedimentation and erosion. Construction associated with or near streams will occur during low-flow periods to minimize disturbances. Replanting of disturbed areas, including stream banks and right-of-way, will be with native vegetation for aesthetics, soil stabilization, and fish and wildlife populations. Removal of stream canopy trees will be avoided wherever possible. Mitigation of in-stream habitat disturbance will be executed.

Noise levels due to heavy construction equipment may exceed acceptable noise standards during the construction period; however, every reasonable effort will be made to minimize construction noise, especially near noise-sensitive locations.

Any increase in particulate matter in the air due to construction activity will be temporary and will not be detrimental to the health and welfare of local residents. Dust pollution may be an unavoidable, yet minor, nuisance; every feasible effort will be made to minimize this problem. Exhaust from construction equipment will have an insignificant effect on the ambient air quality. Any open air burning will be done in compliance with state regulations and local ordinances.

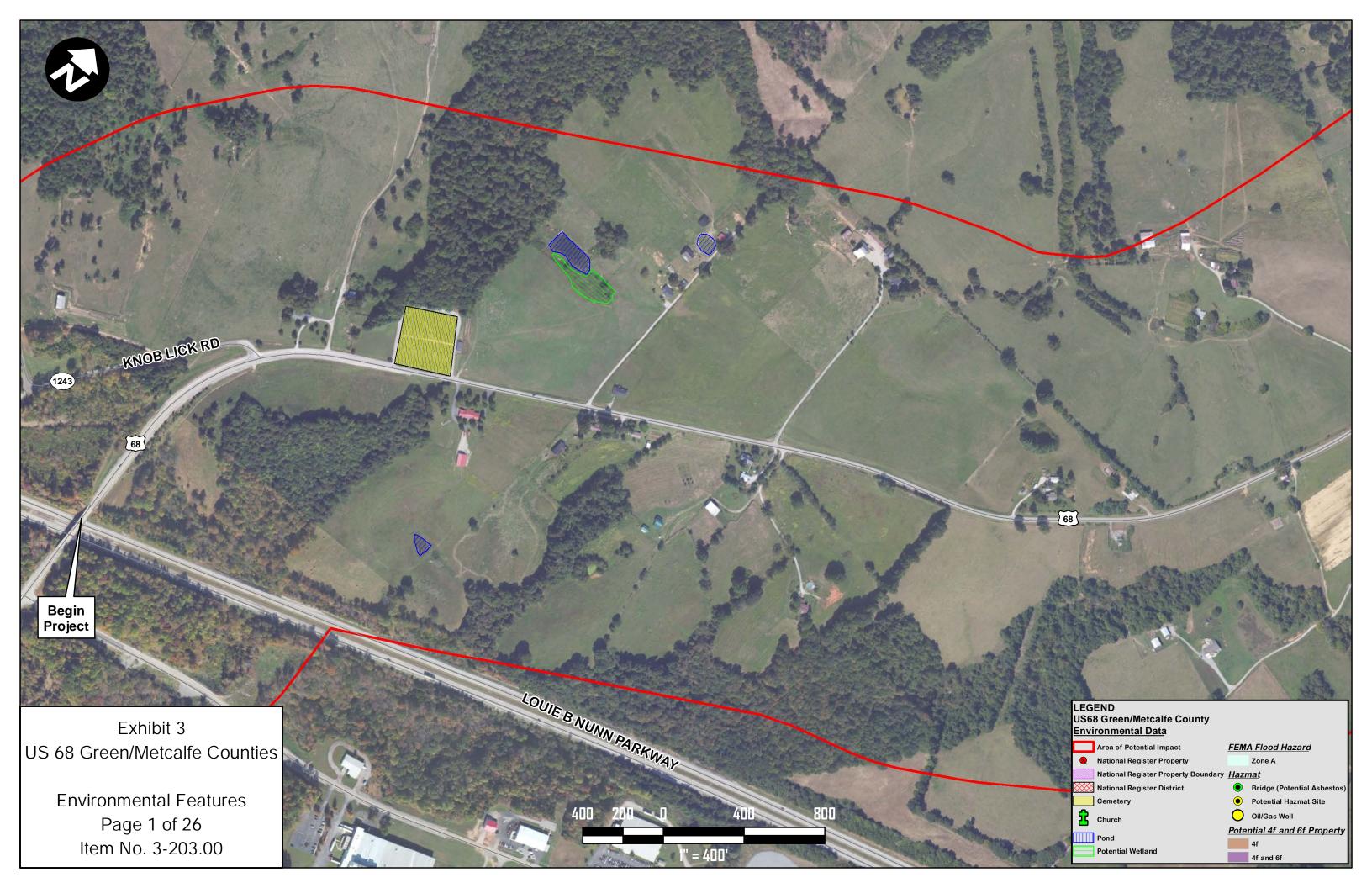
Waste and borrow sites have not been determined for the project.

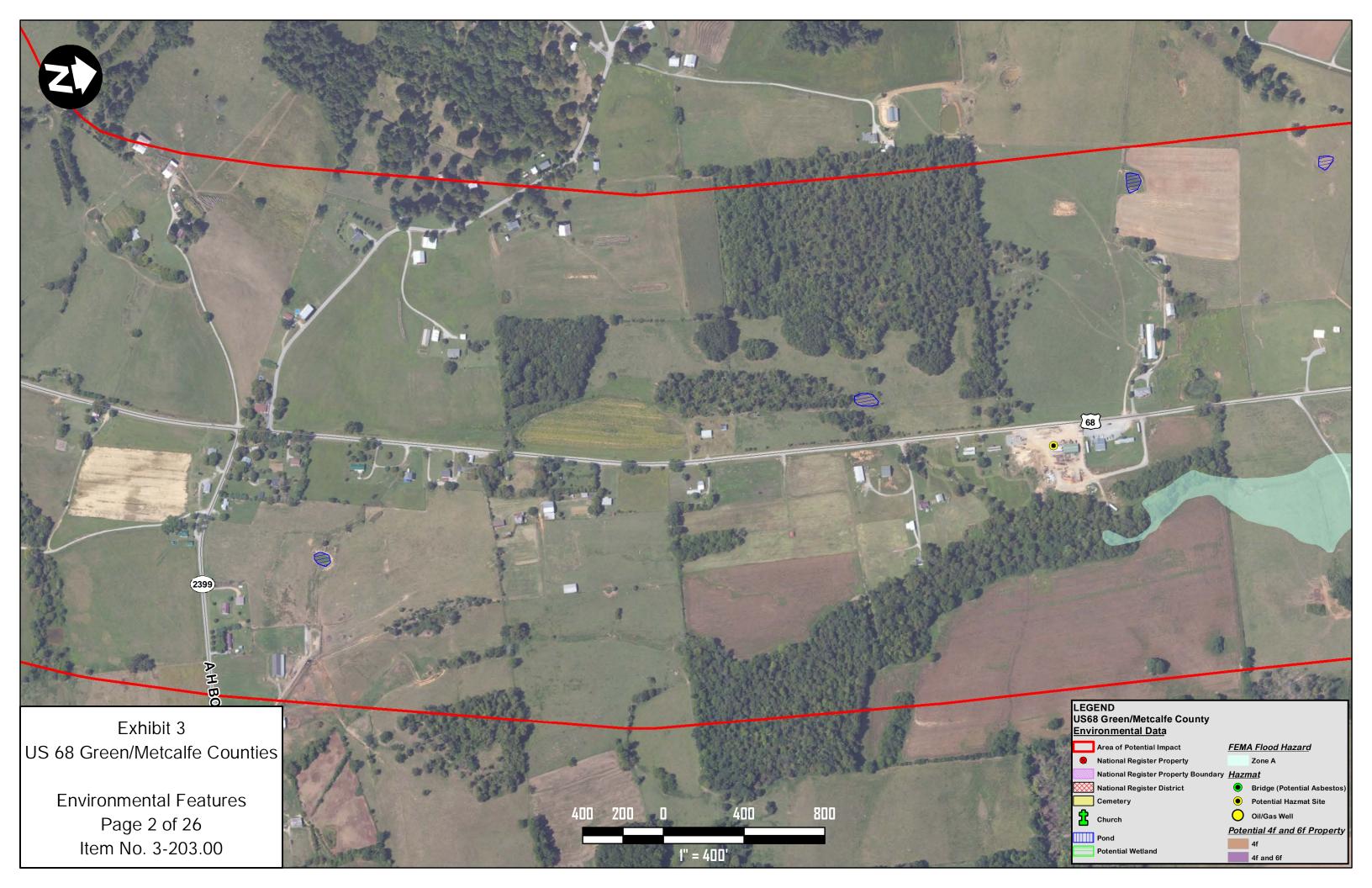
6.0 EARLY COORDINATION AND PUBLIC INVOLVEMENT

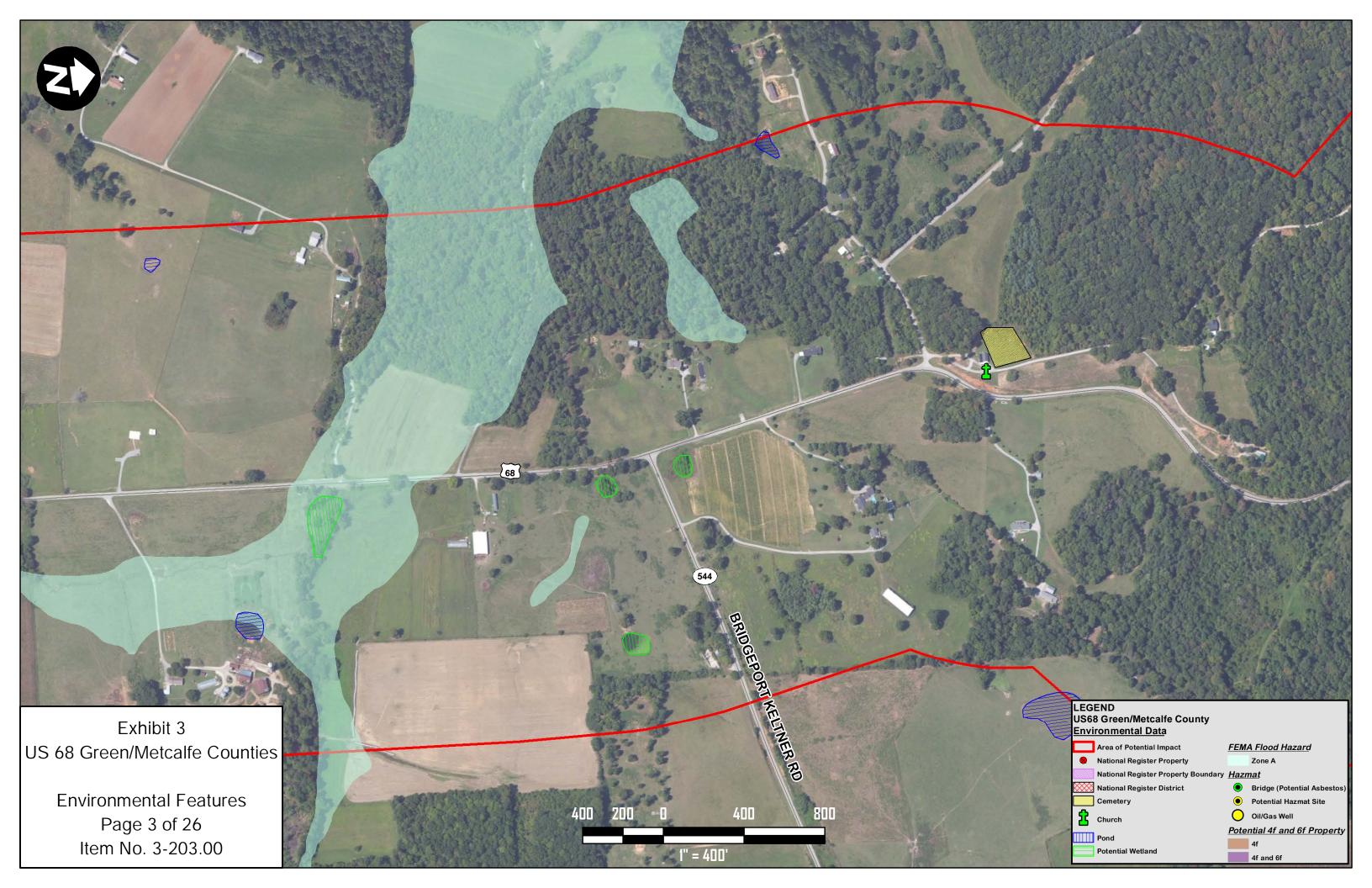
Local officials meetings were held in each county on December 19, 2013. Local officials in each county expressed support for the US 69 Corridor and US 68 Connector projects, primarily based on safety concerns.

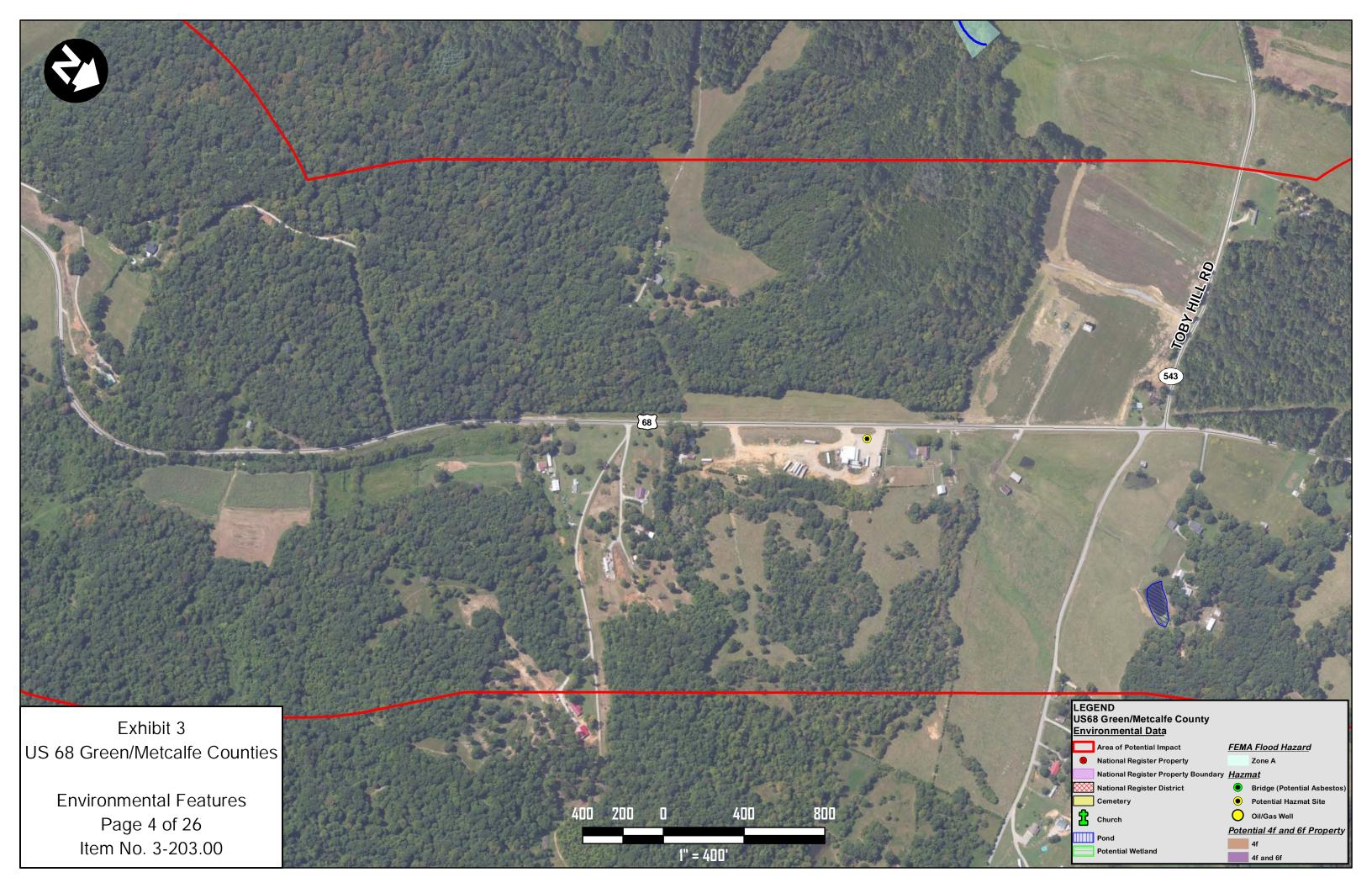
The first public meetings for this project took place in Edmonton on February 10, 2014, and in Greensburg on February 11, 2014. The public meeting summaries are included in Appendix E. No public controversy or obstacles to the project were identified during or as a result of the public meetings. The majority of the public meeting attendees expressed support for the projects in both counties; however, residents in Metcalfe County expressed less knowledge of the need for a connector in Greensburg. Attendees provided input in regard to environmental features to be considered during project development and made suggestions for possible realignment segments along the corridor.

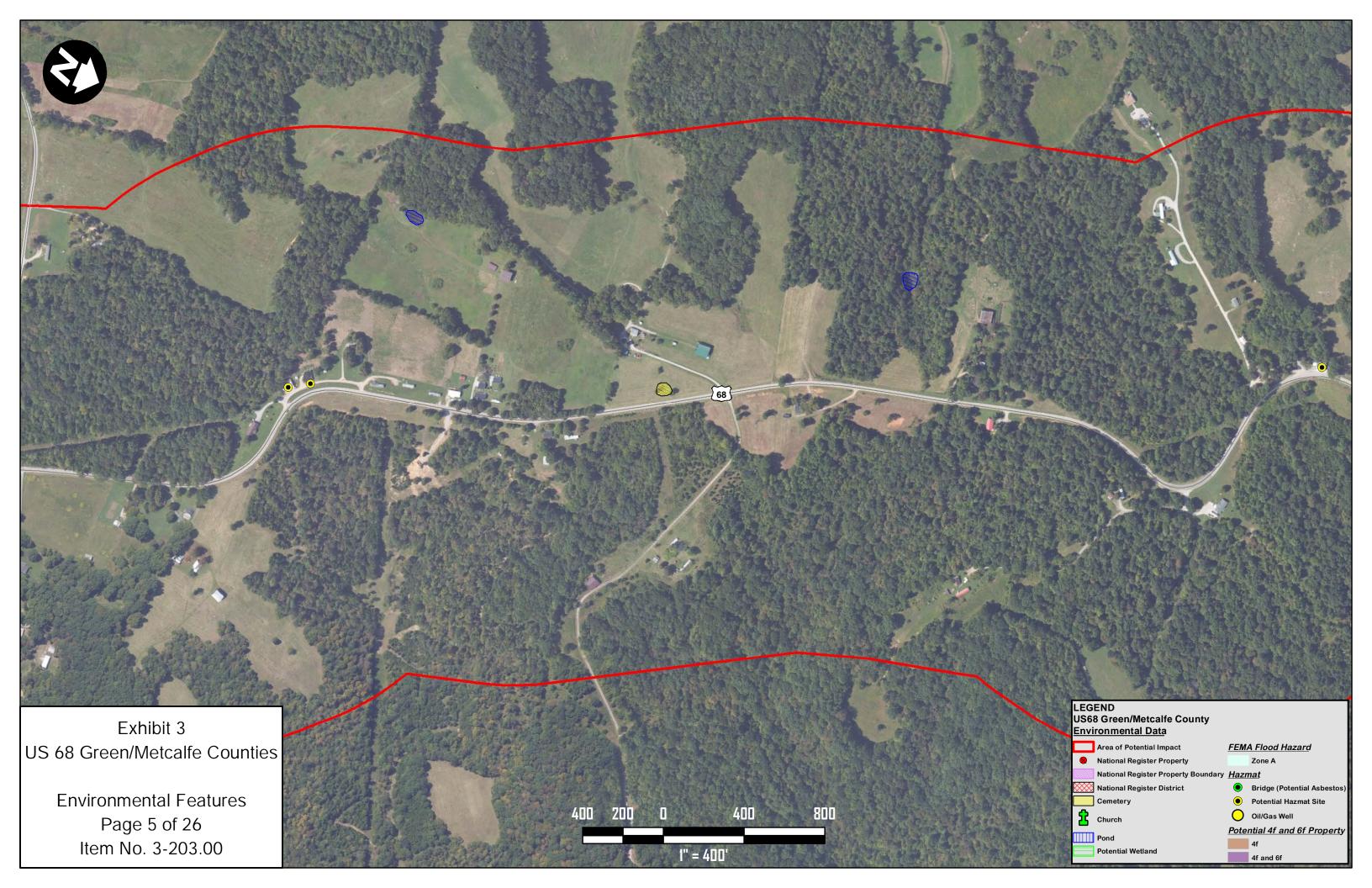
Additional public involvement meetings will be held as the study progresses and during future project phases. Public involvement will be coordinated often to include concerned citizens and project stakeholders throughout the environmental process.

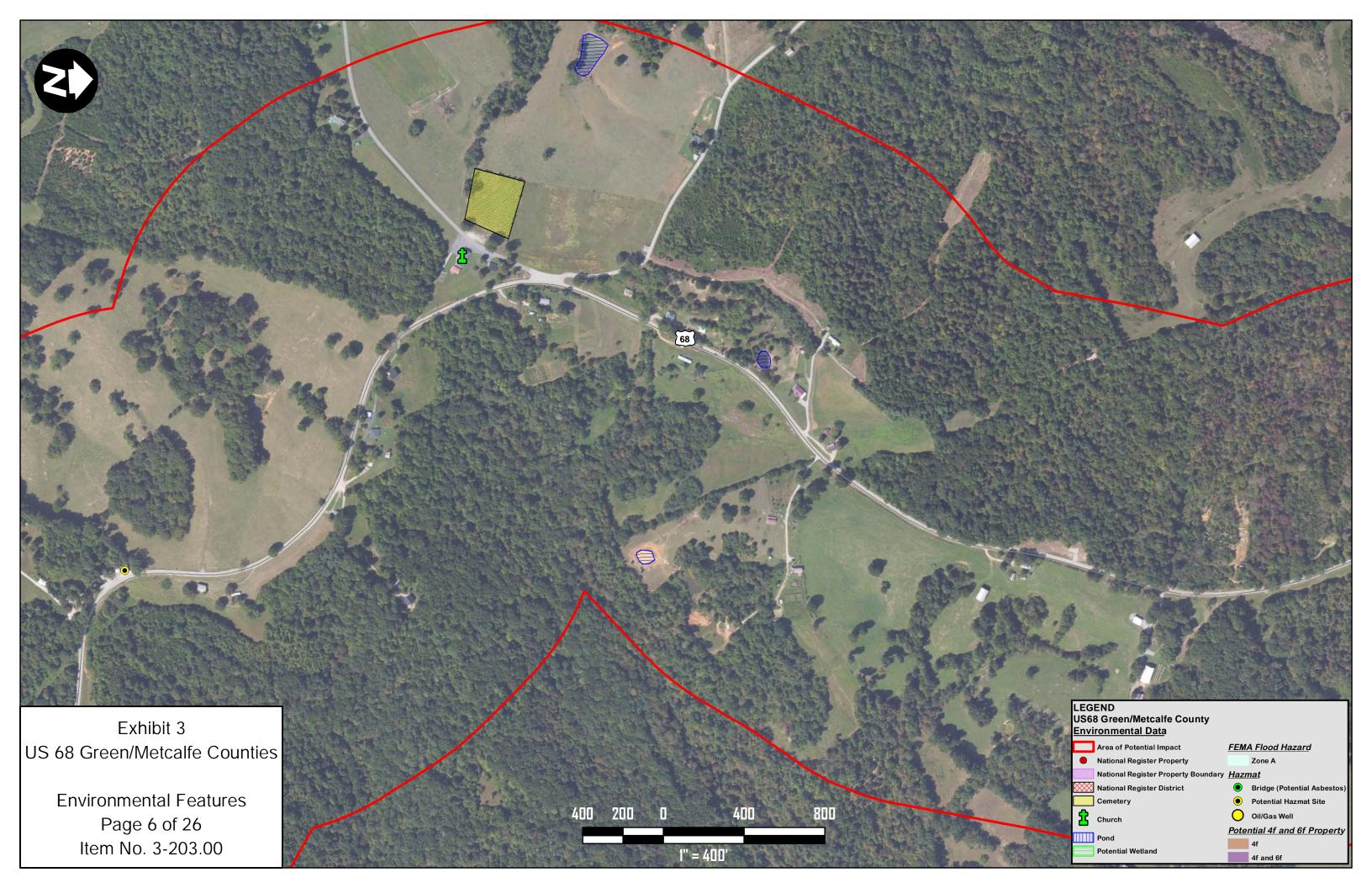


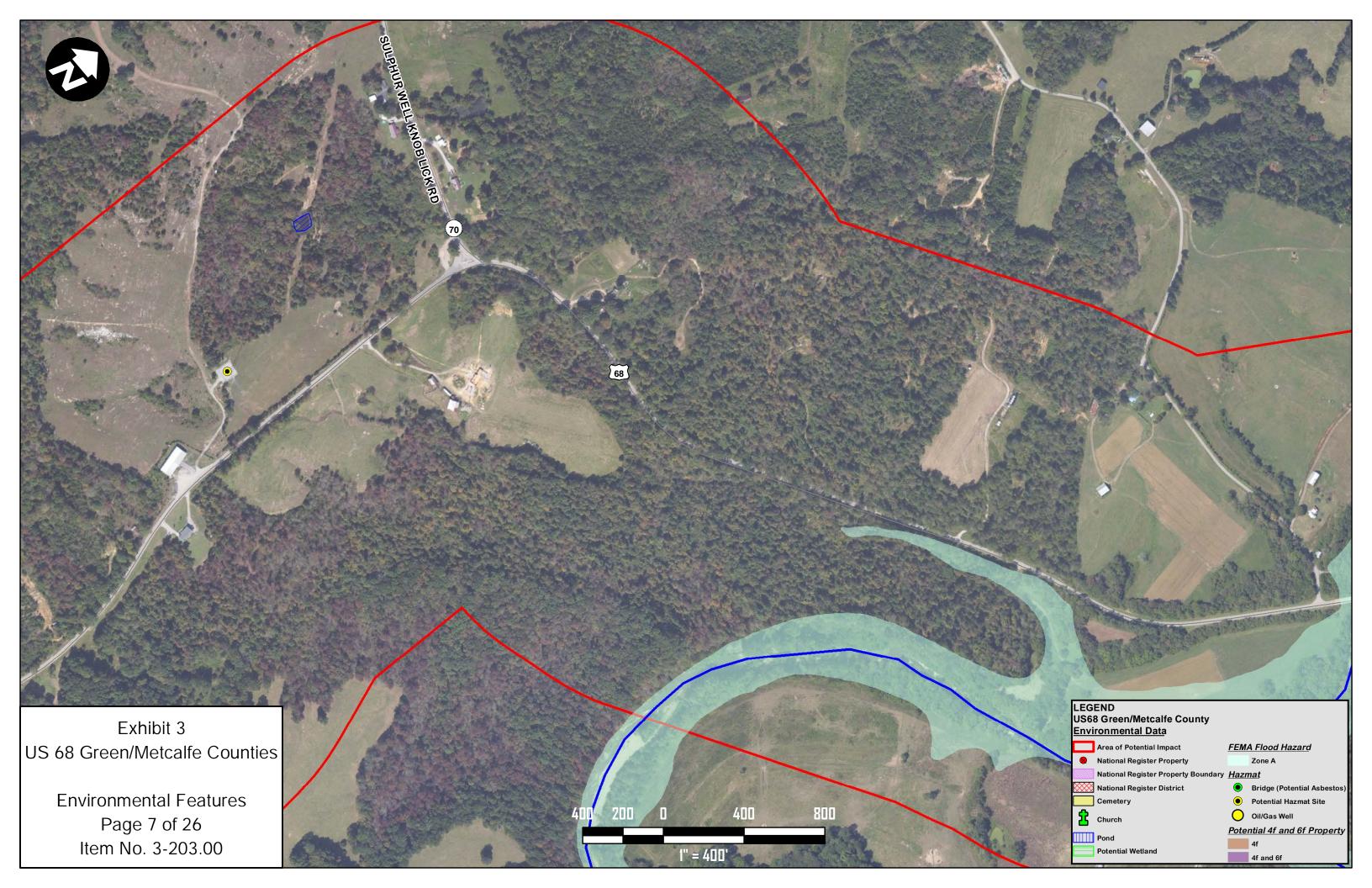


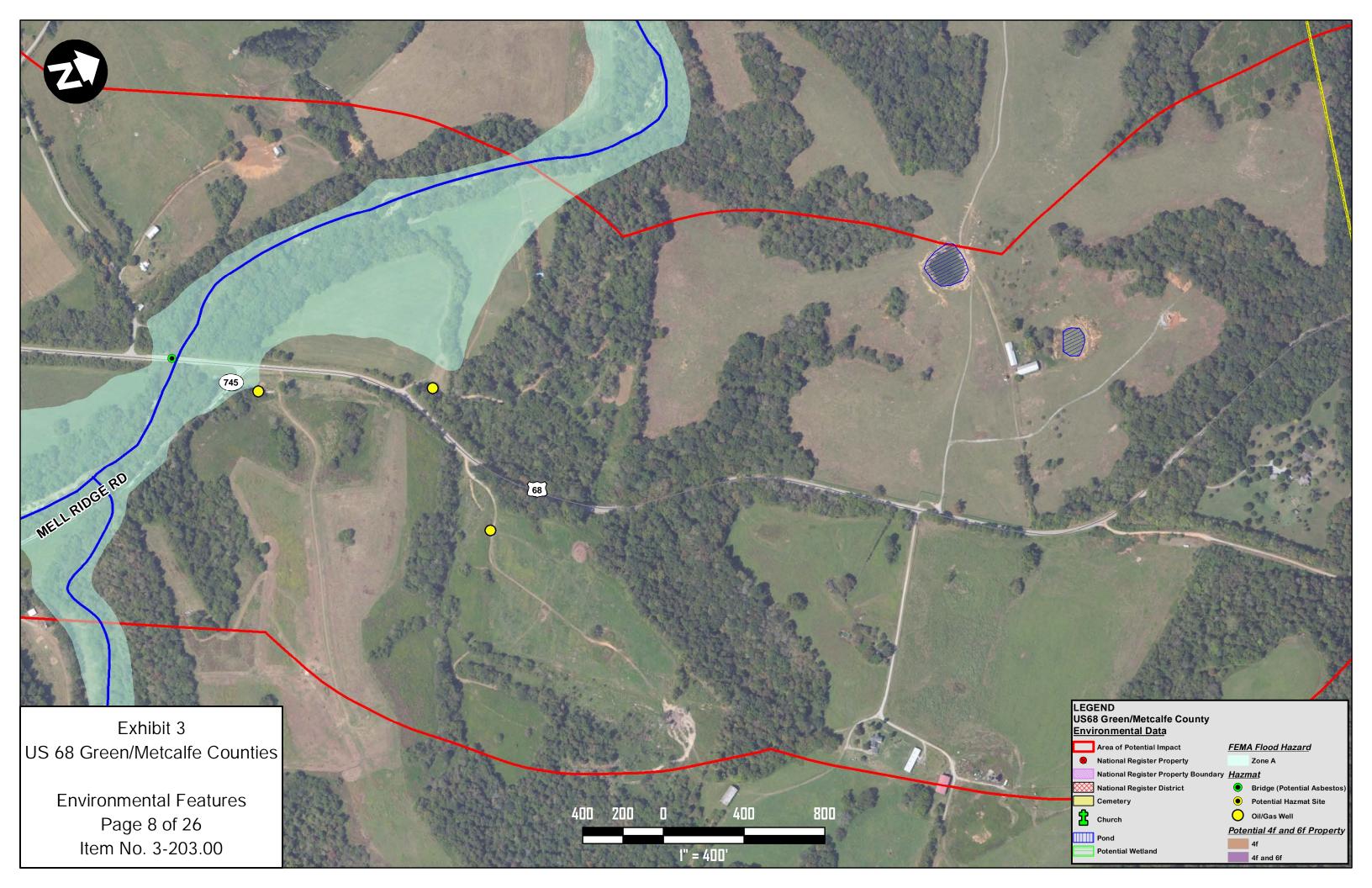


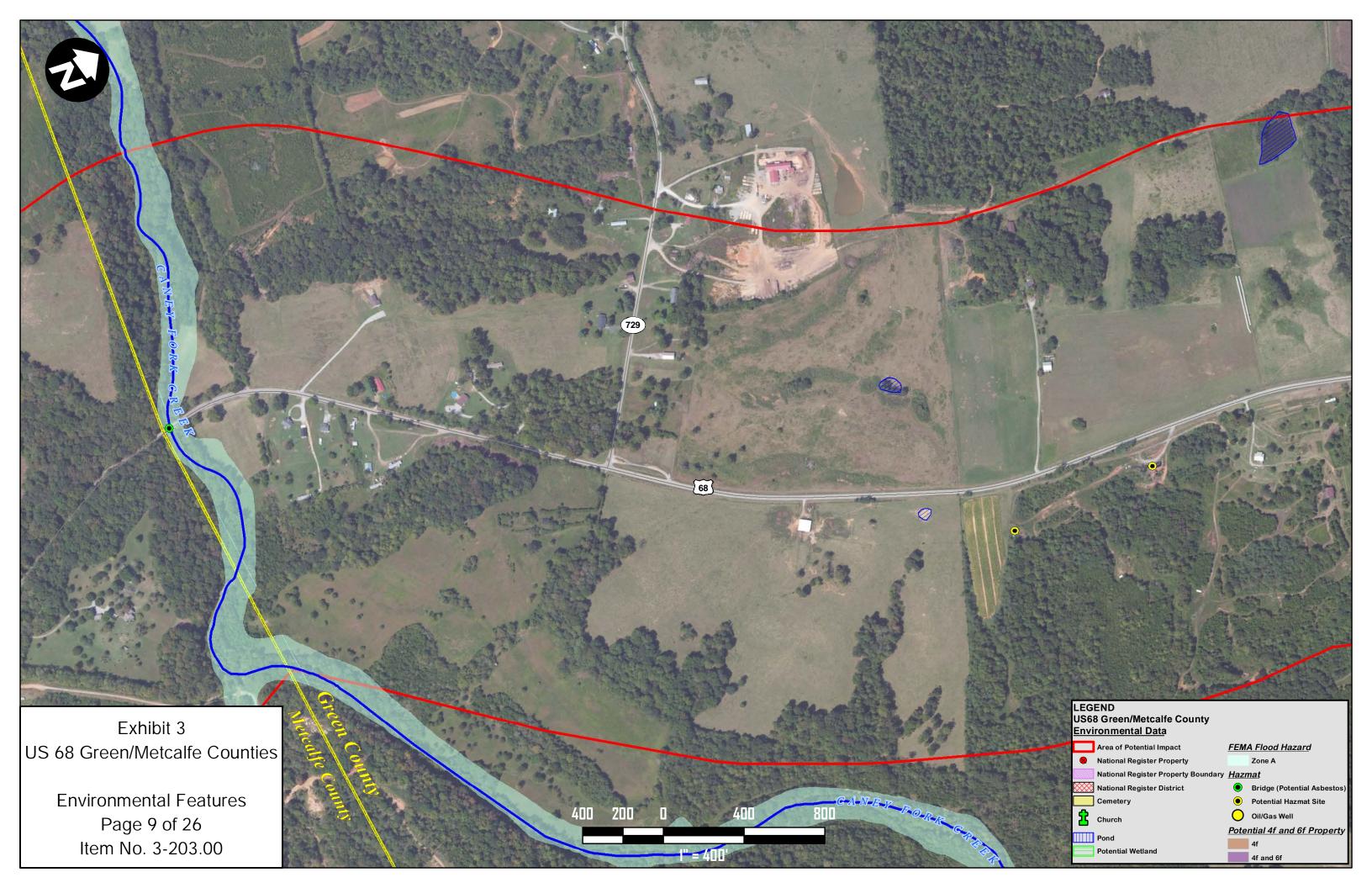


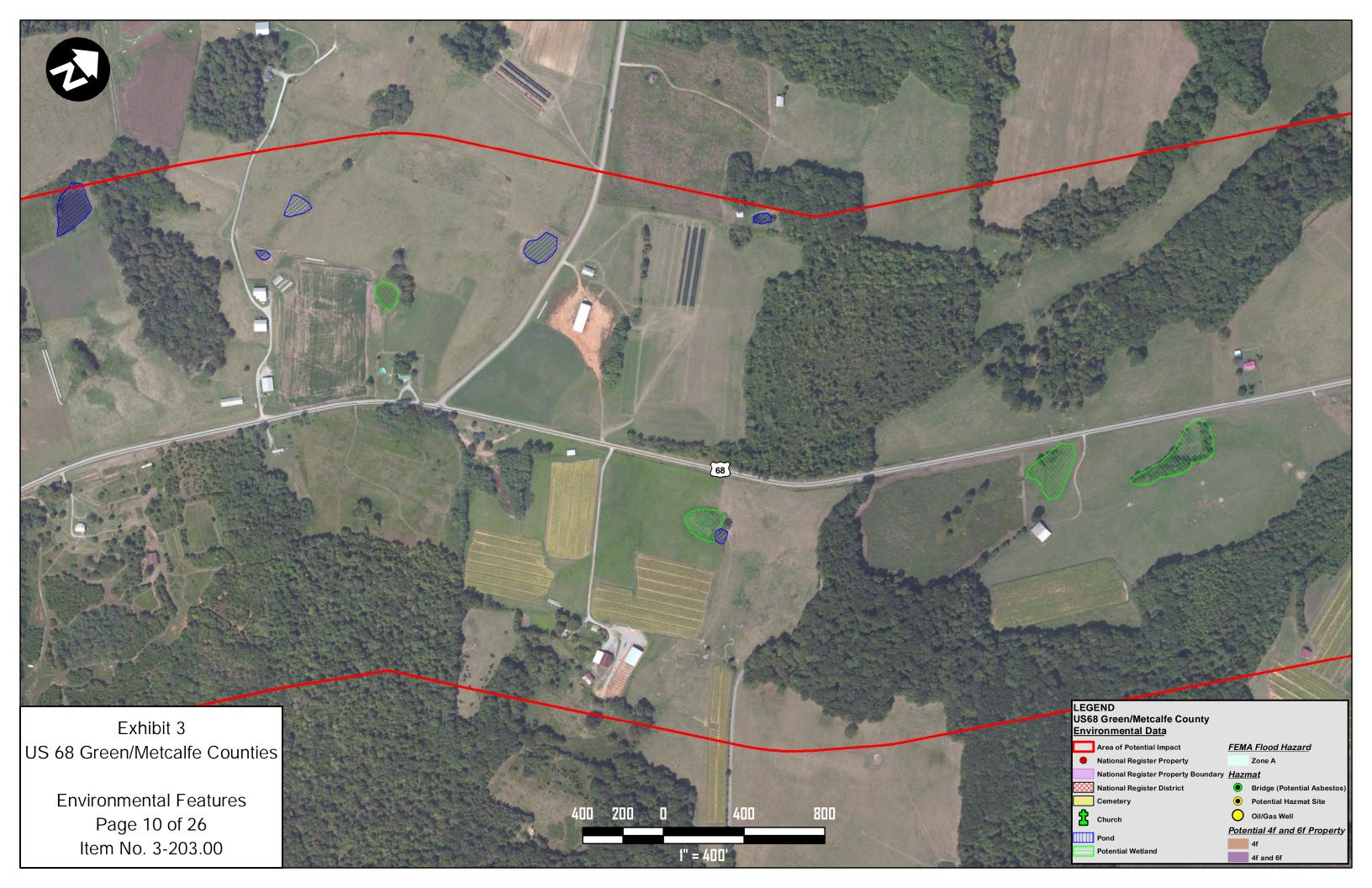


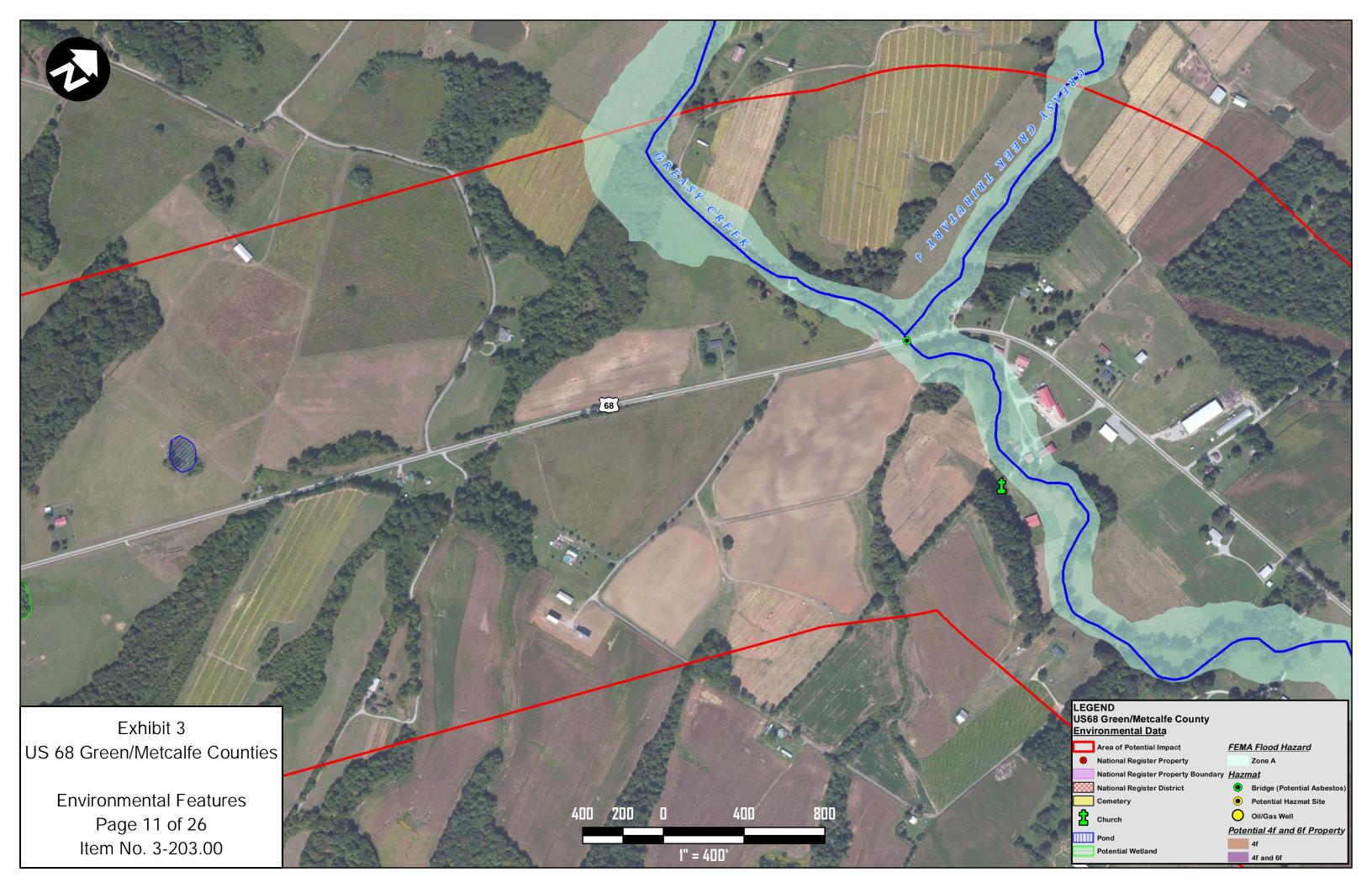


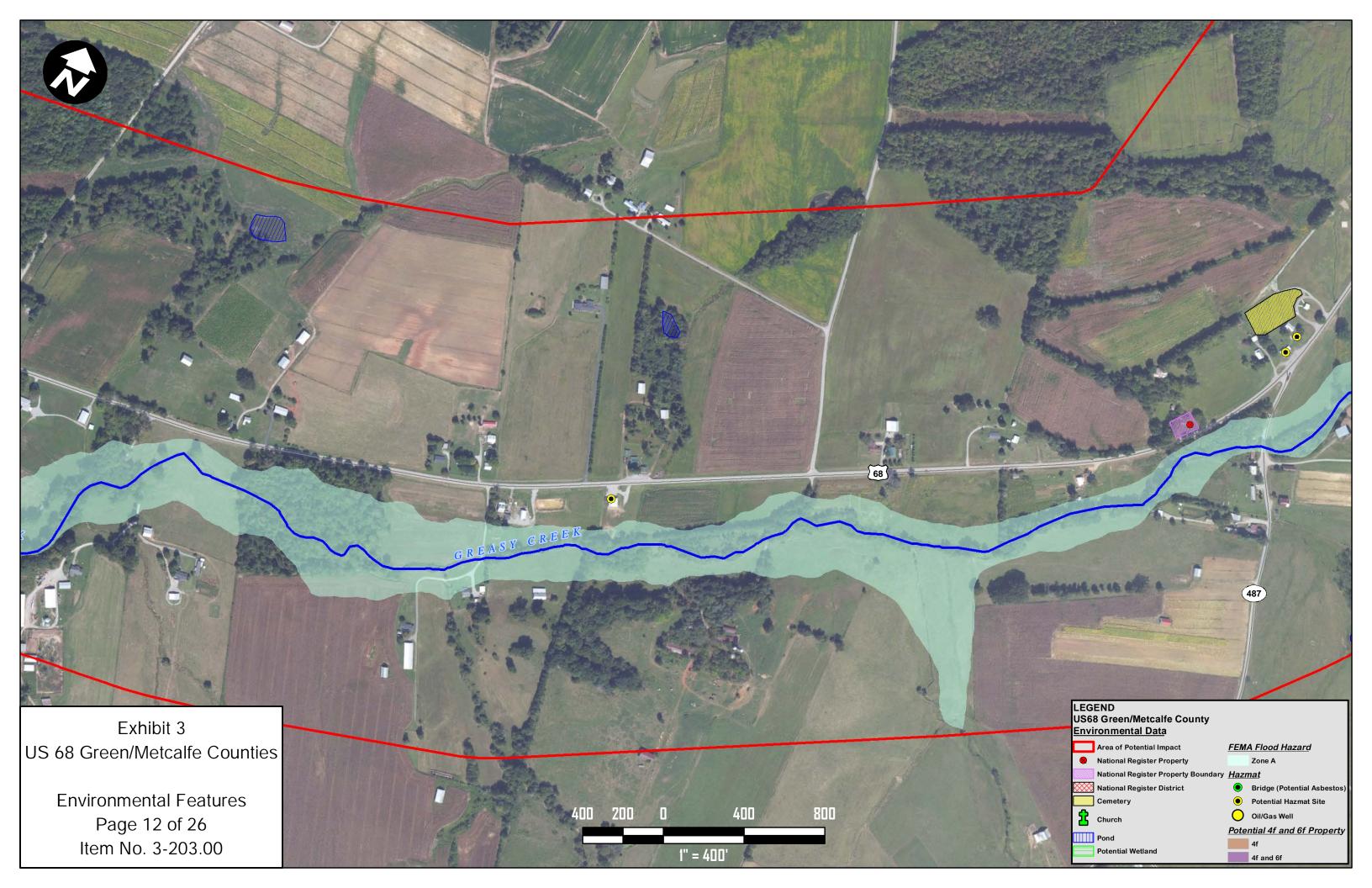


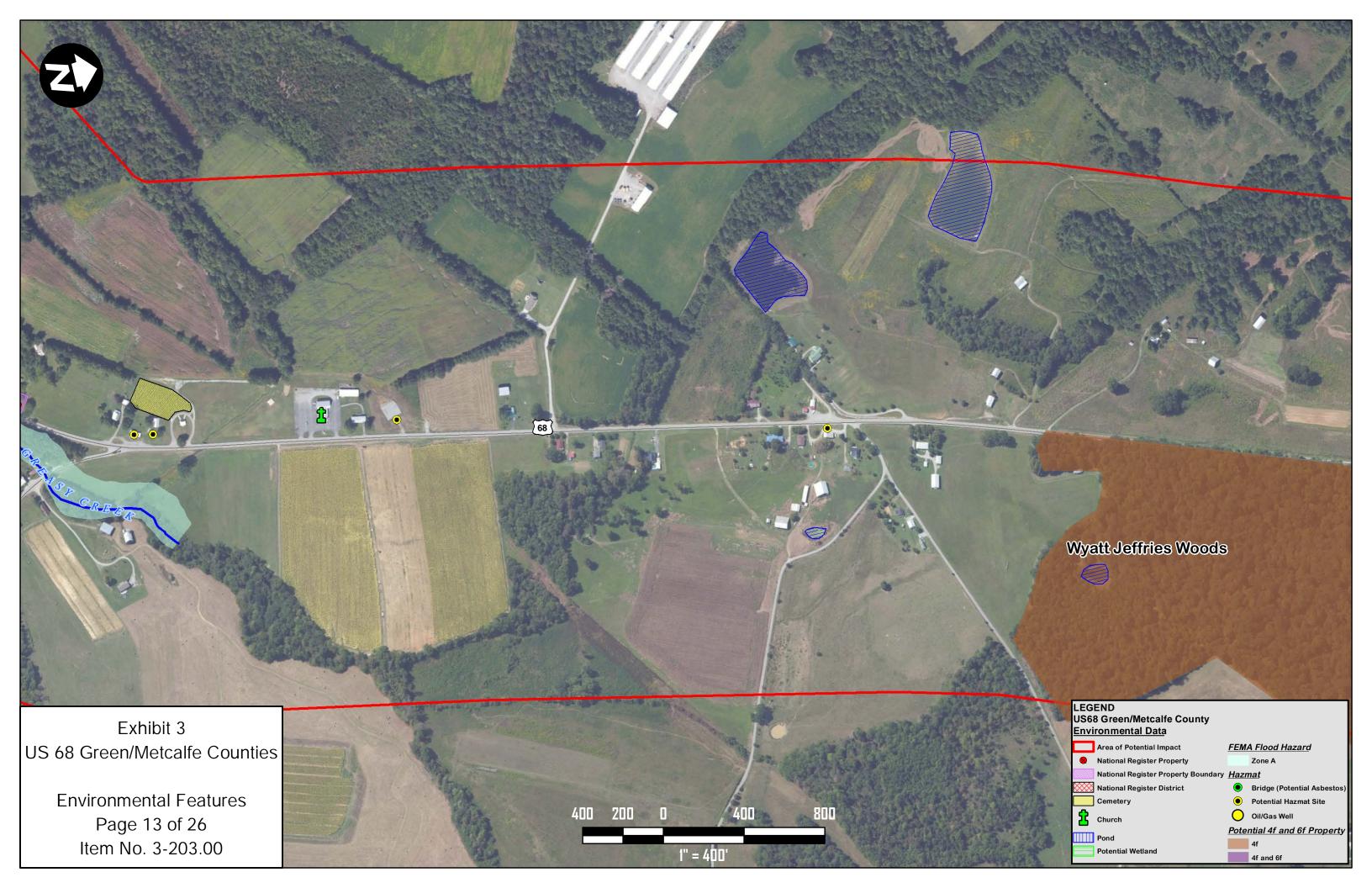


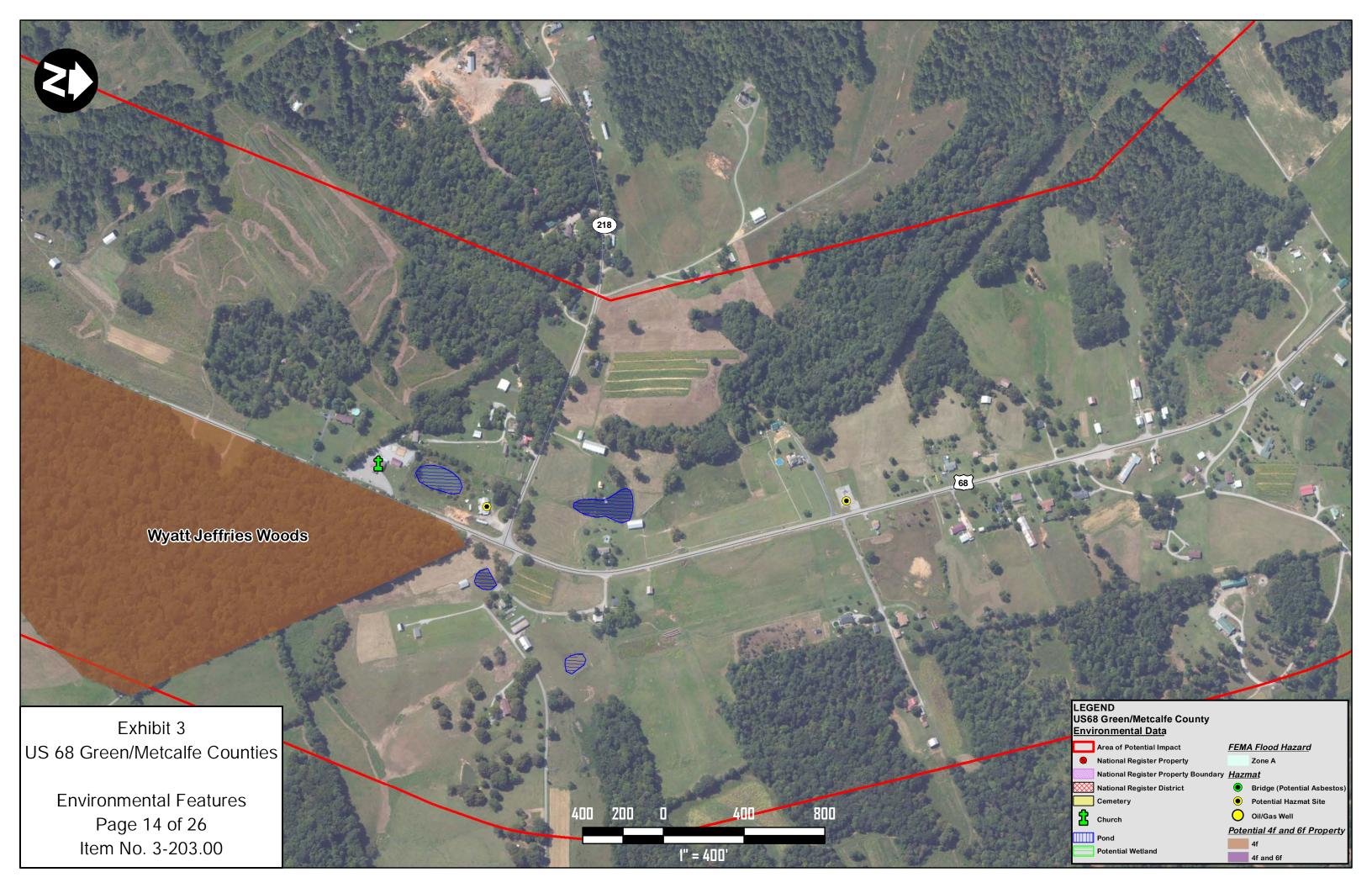


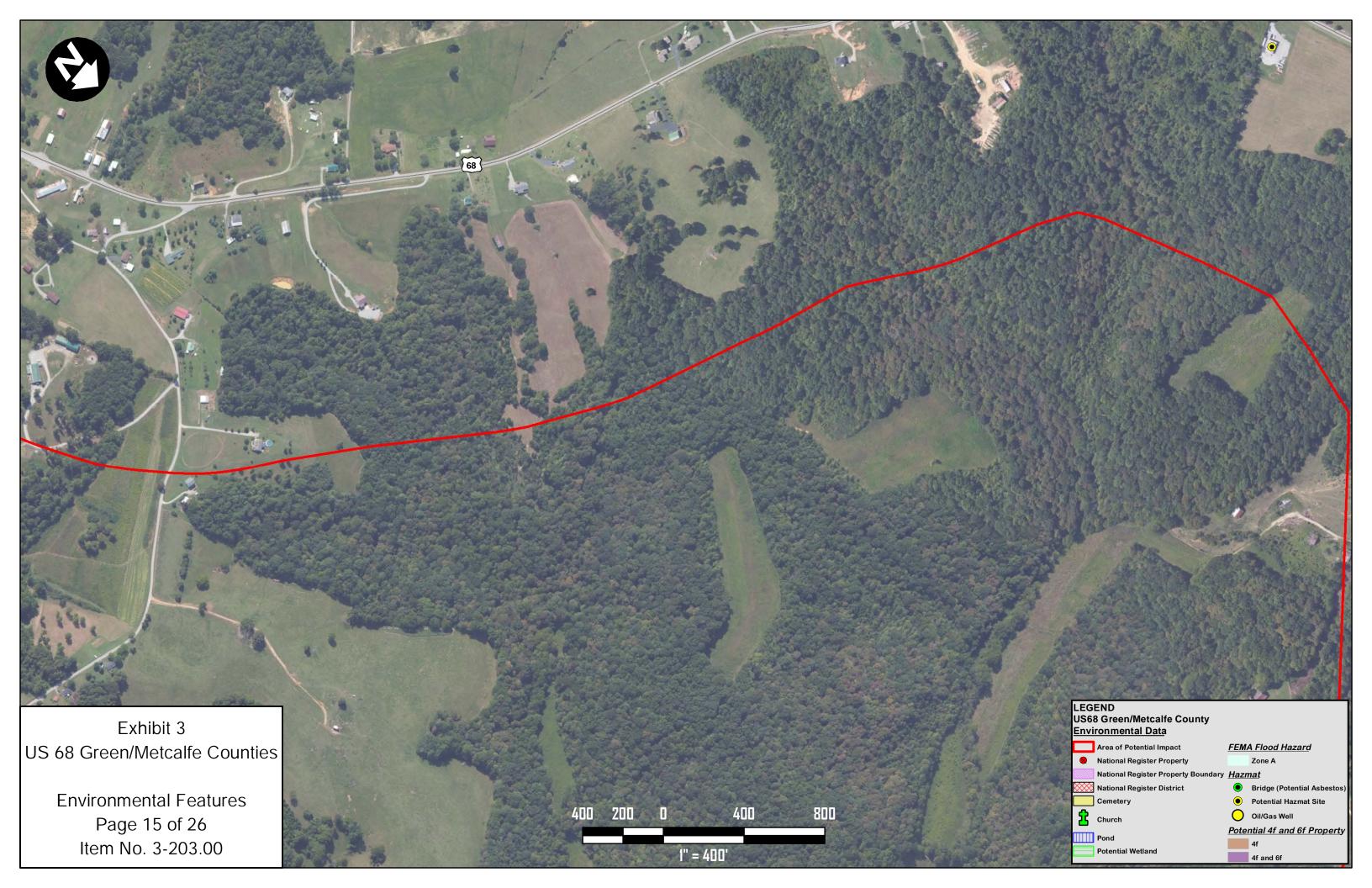


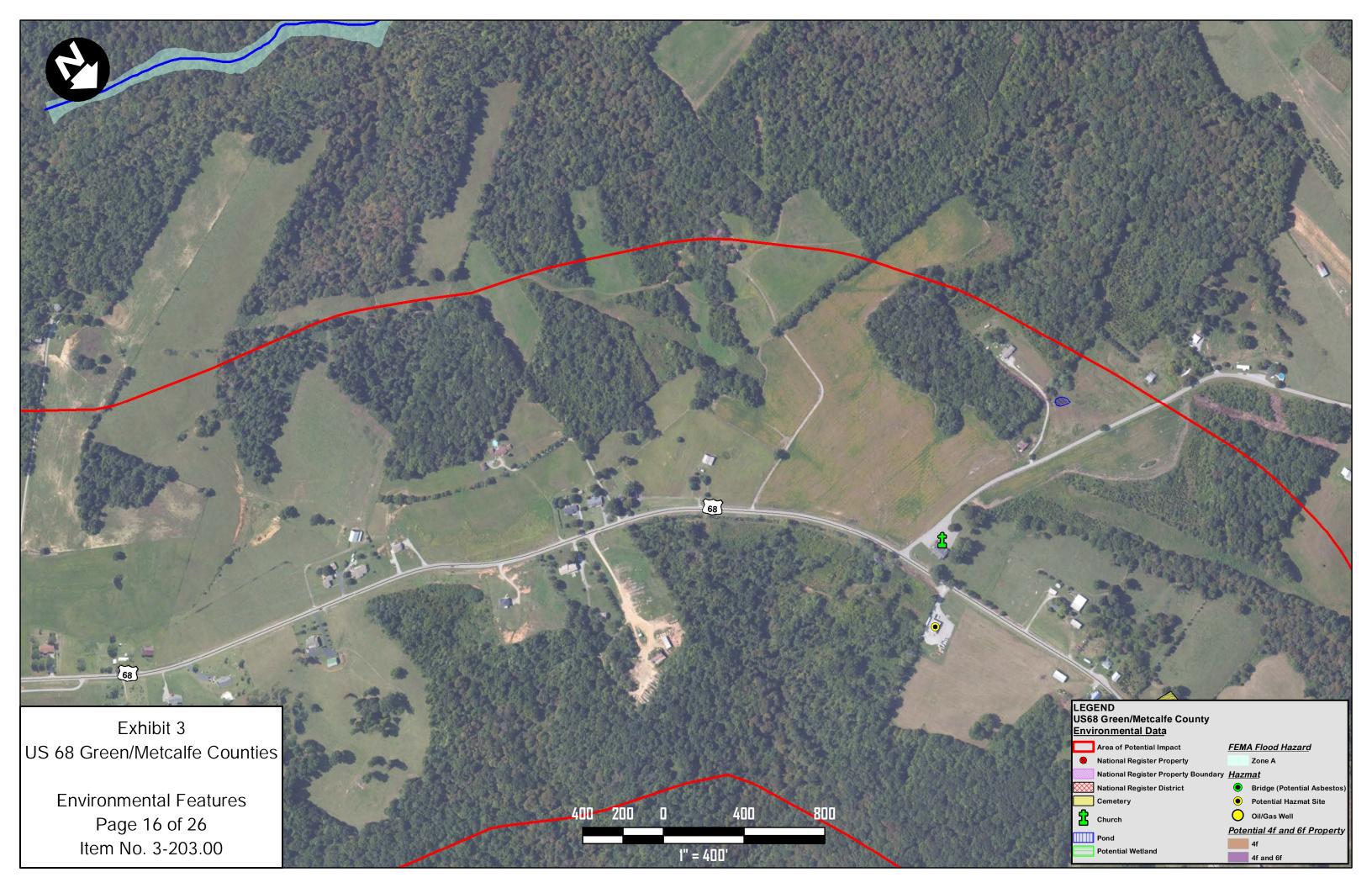


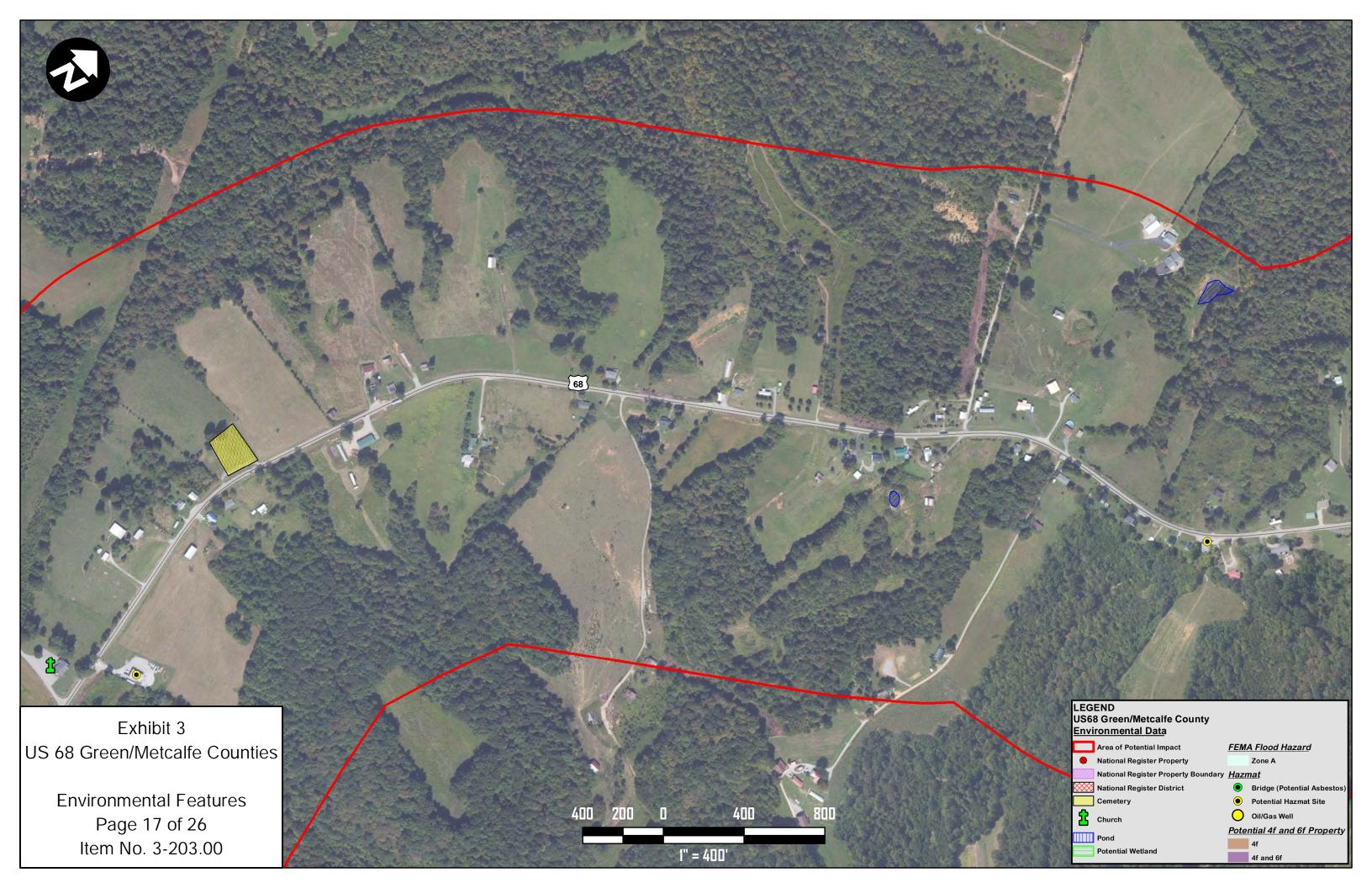


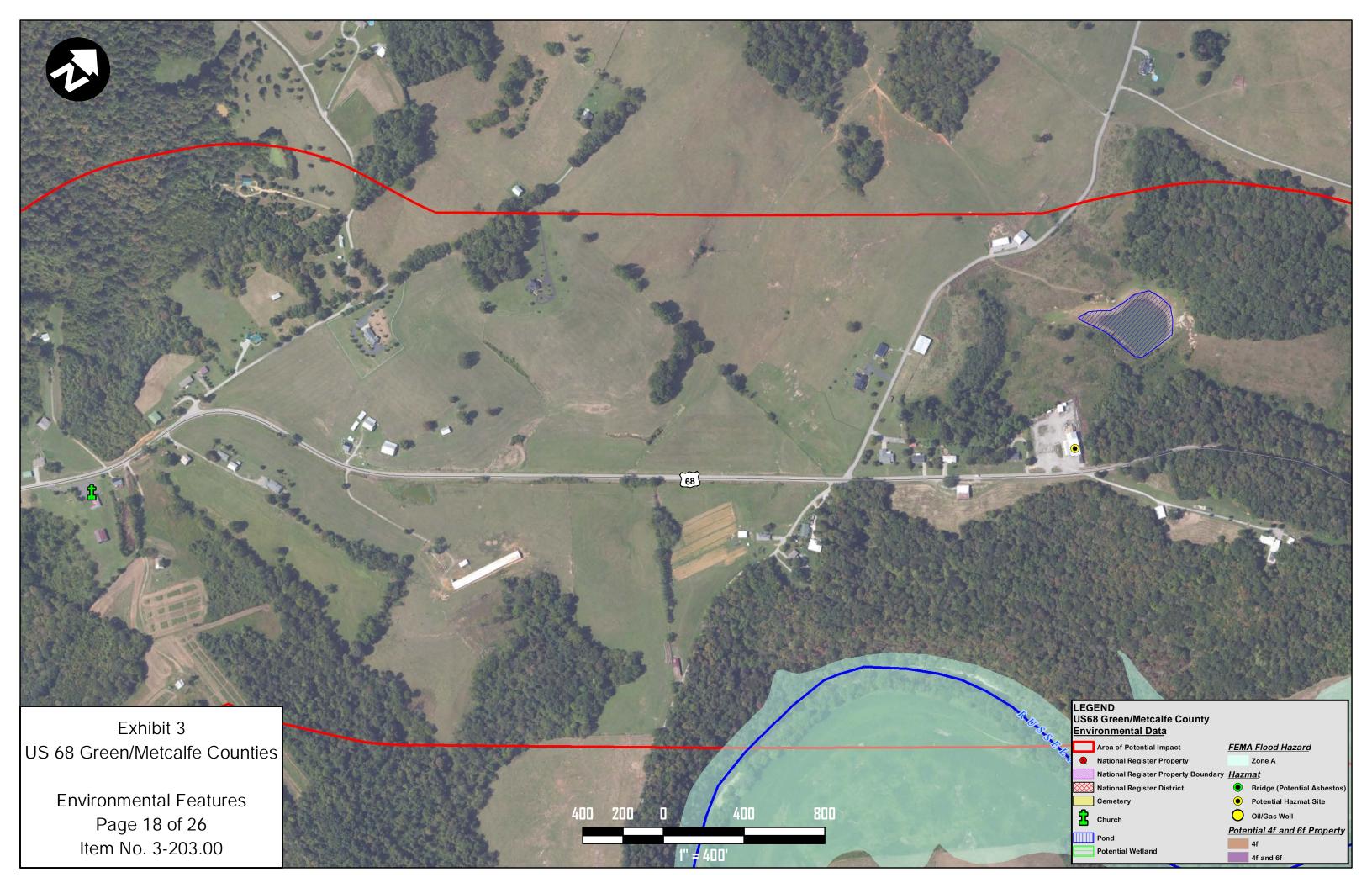


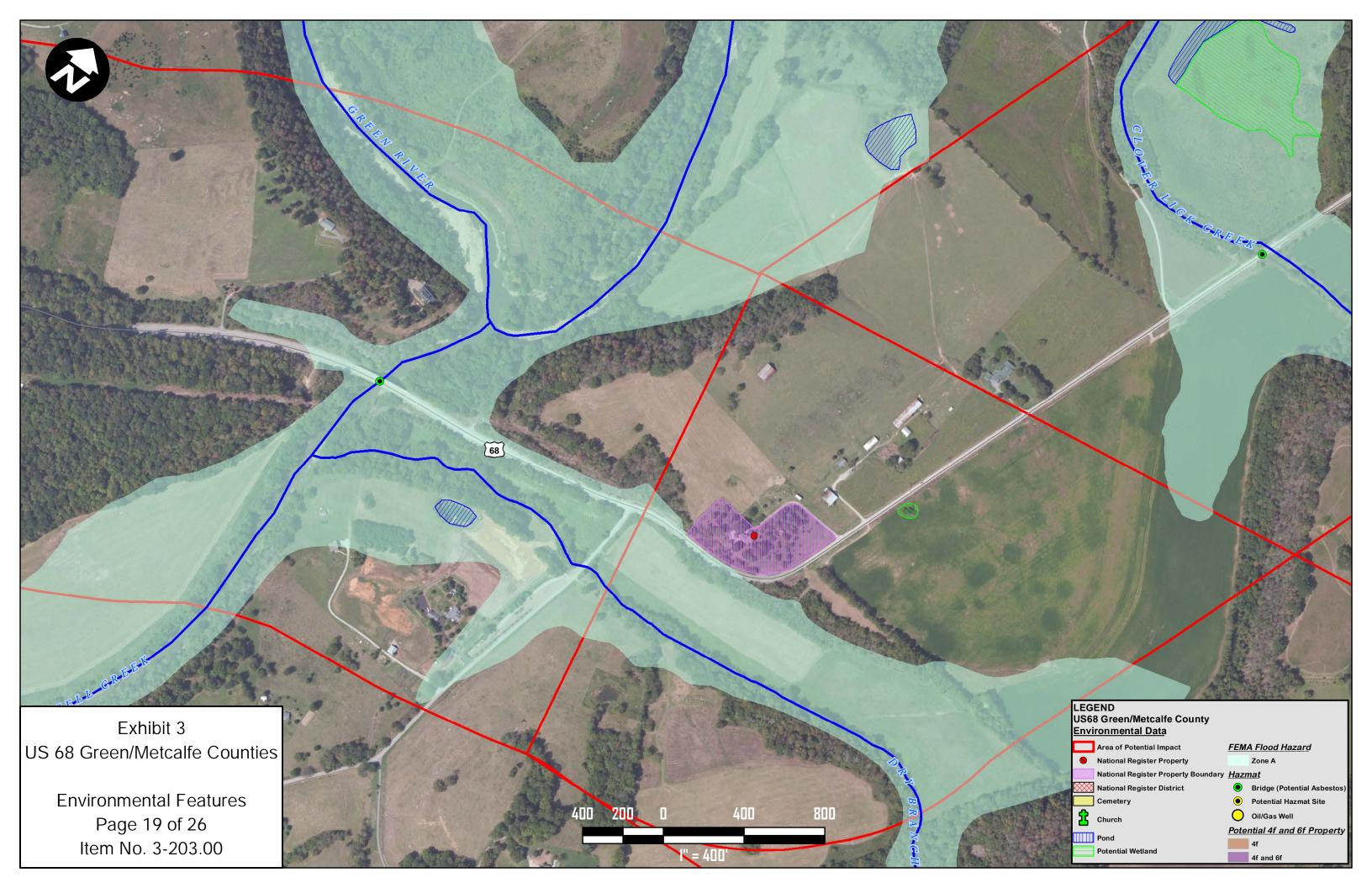


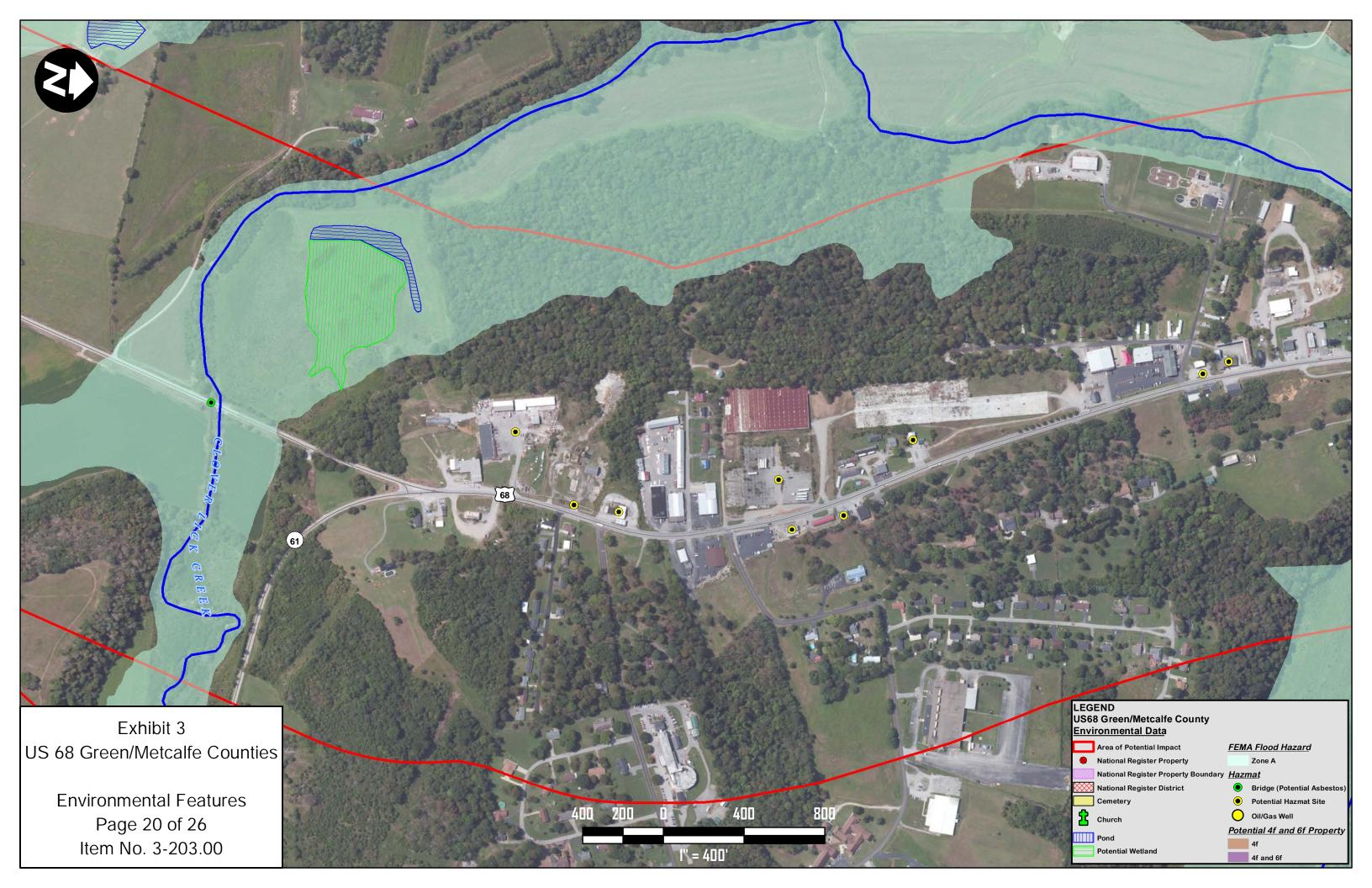


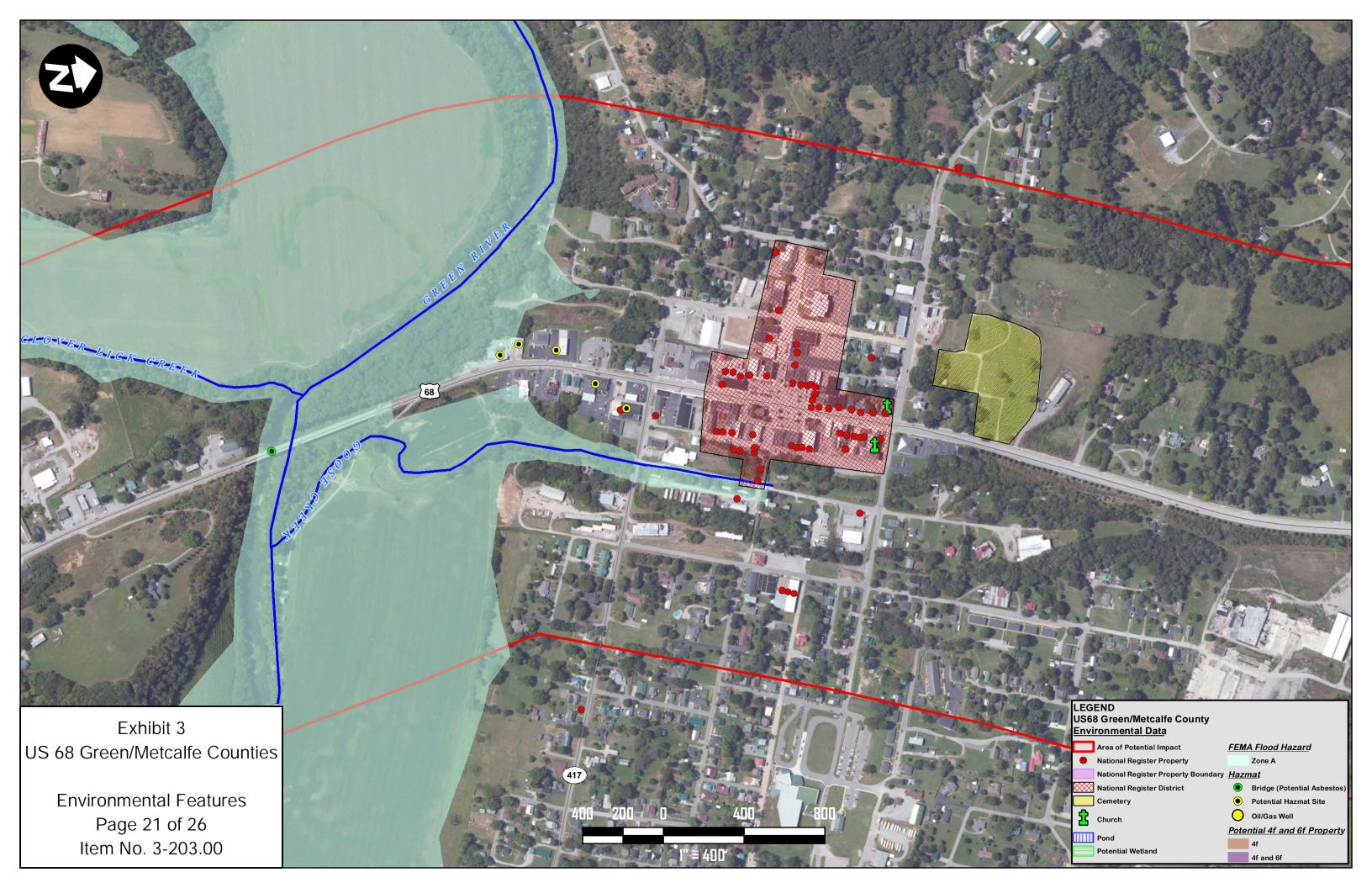


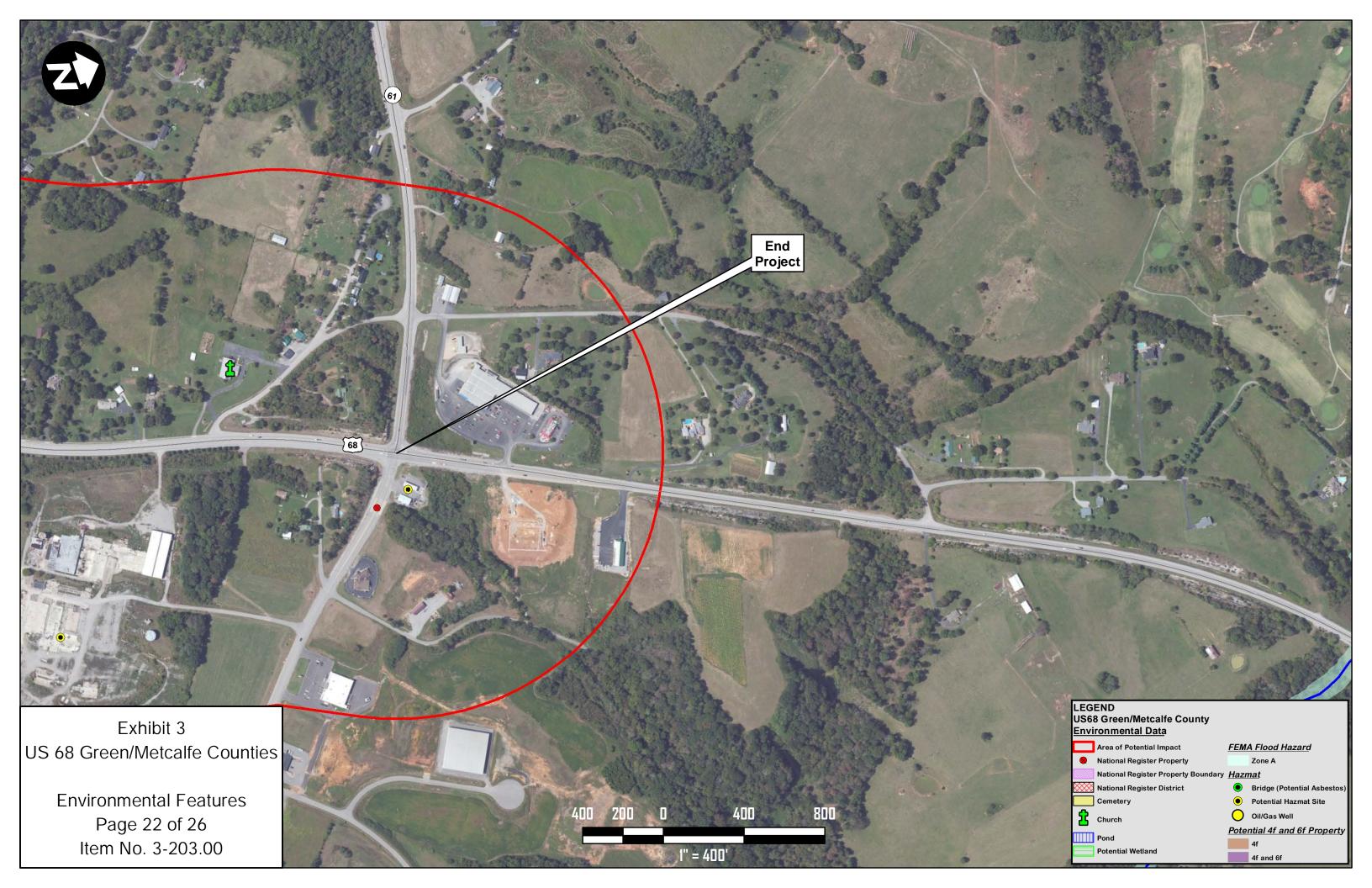


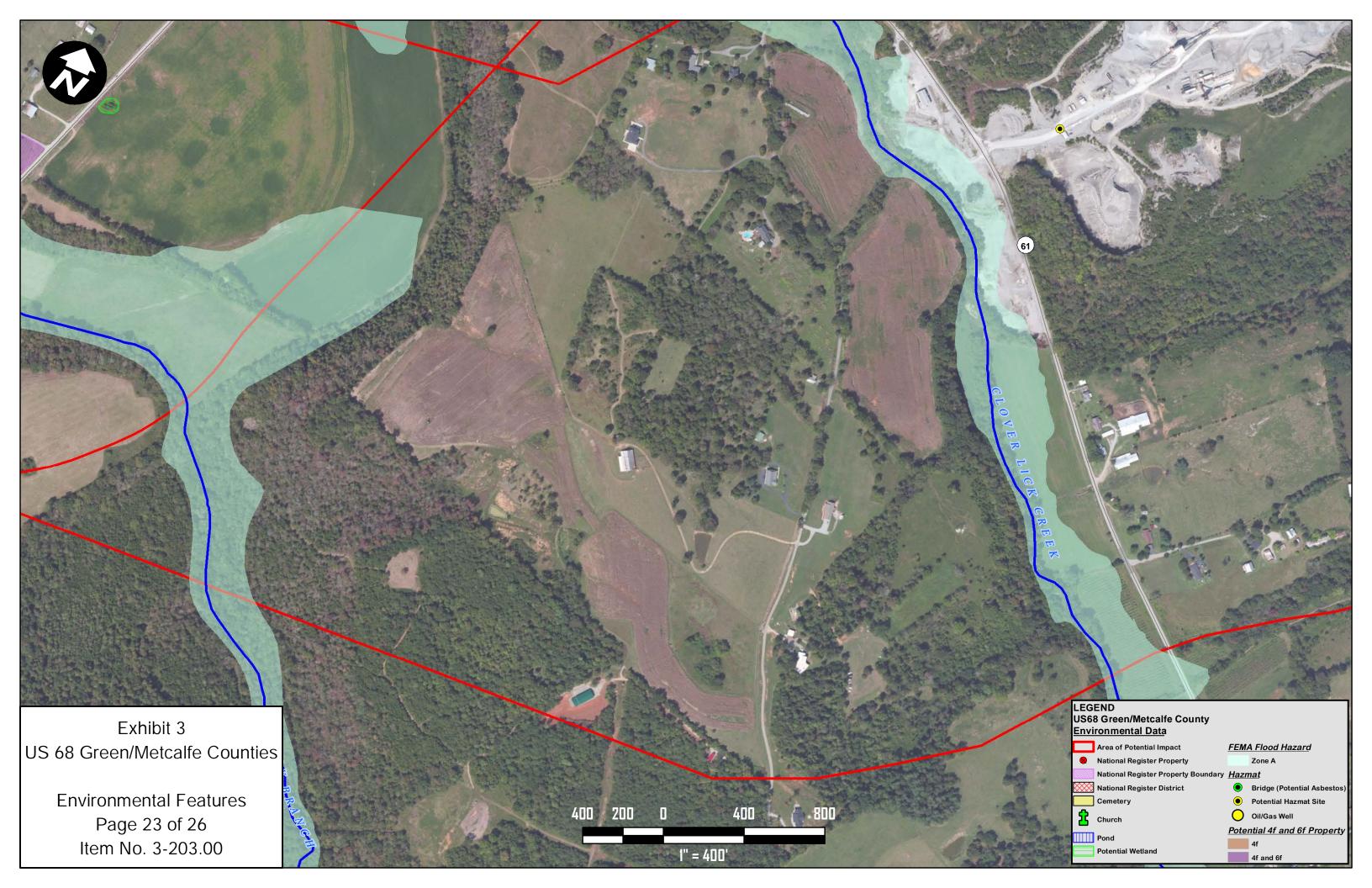


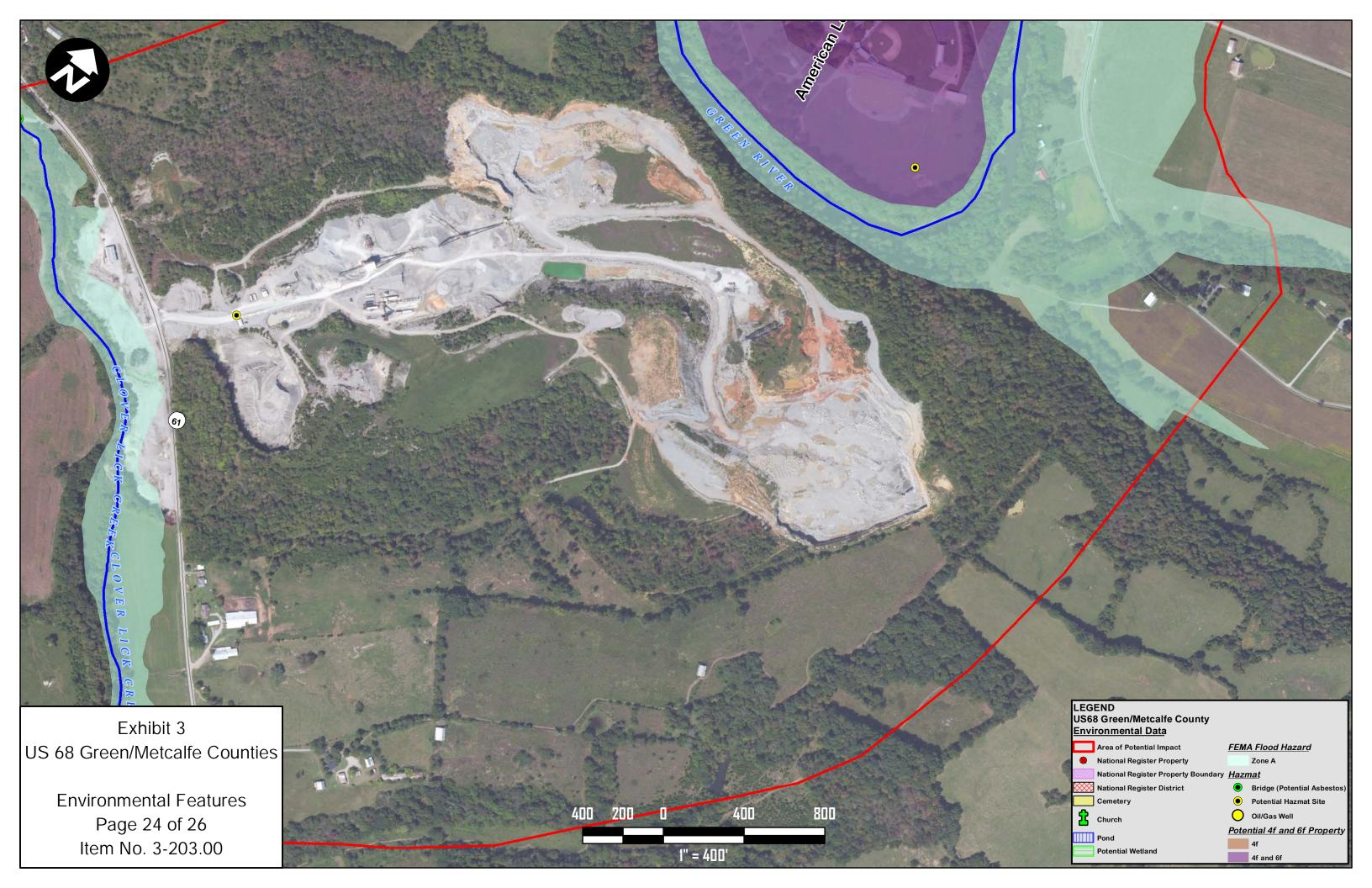


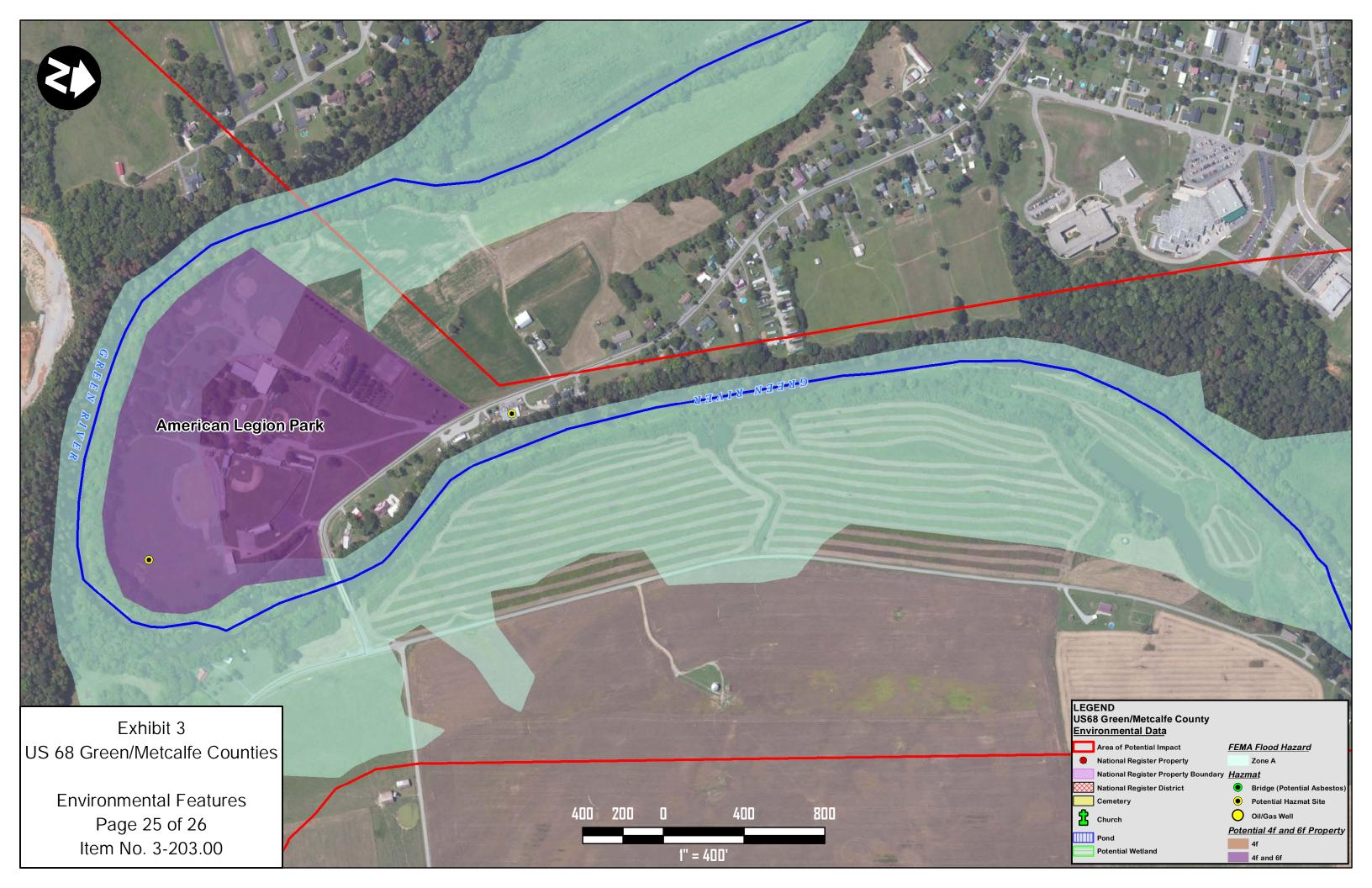


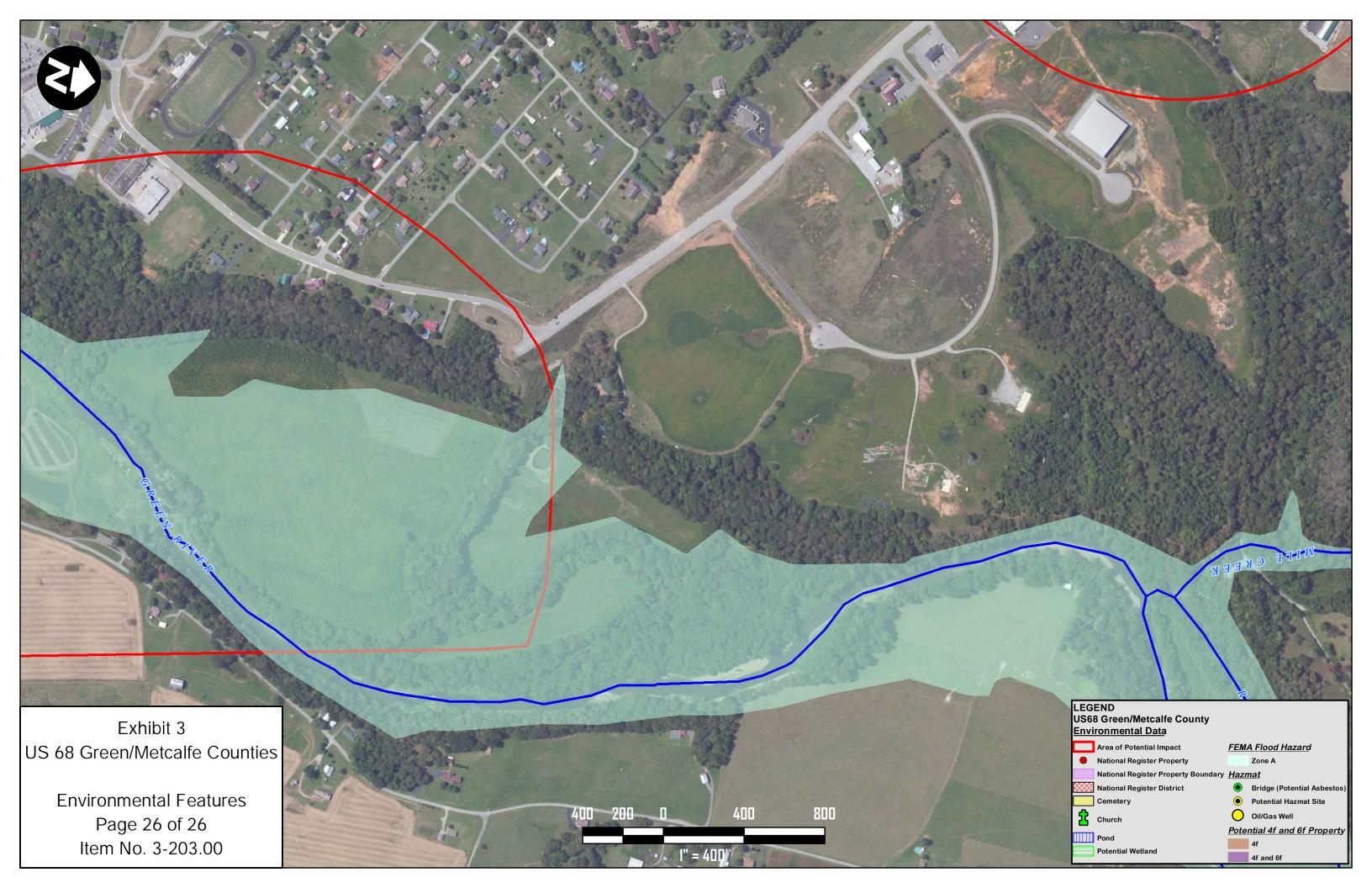












Appendix A

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 | Е |
| | Myotis septentrionalis | Northern long-eared bat | Р |
| Mussels | Pleurobema clava | clubshell | Е |
| | Cyprogenia stegaria | fanshell | Е |
| | Pleurobema plenum | rough pigtoe | Е |
| | Plethobasus cyphyus | sheepnose | Е |
| | Cumberlandia monodonta | spectaclecase | Е |
| | 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. Lowflow 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,

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 statelisted 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

Daniel State





ENERGY AND ENVIRONMENT CABINET

Leonard K. Peters
Secretary

DEPARTMENT FOR ENVIRONMENTAL PROTECTION DIVISION OF WATER

200 FAIR OAKS LANE, 4TH FLOOR FRANKFORT, KENTUCKY 40601 PHONE (502) 564-3410 FAX (502) 564-0111 www.dep.ky.gov

December 2, 2013

R. Bruce Scott Commissioner

Peter T. Goodmann Acting Director

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

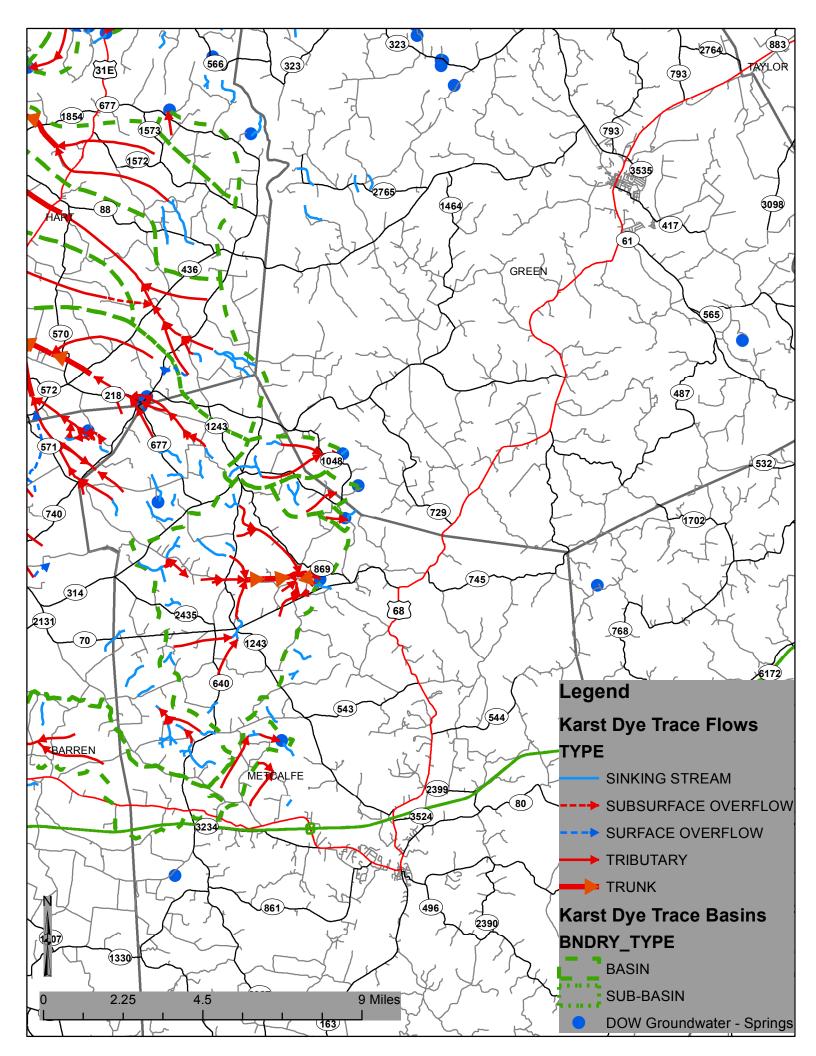
Dear Mr. Shuler:

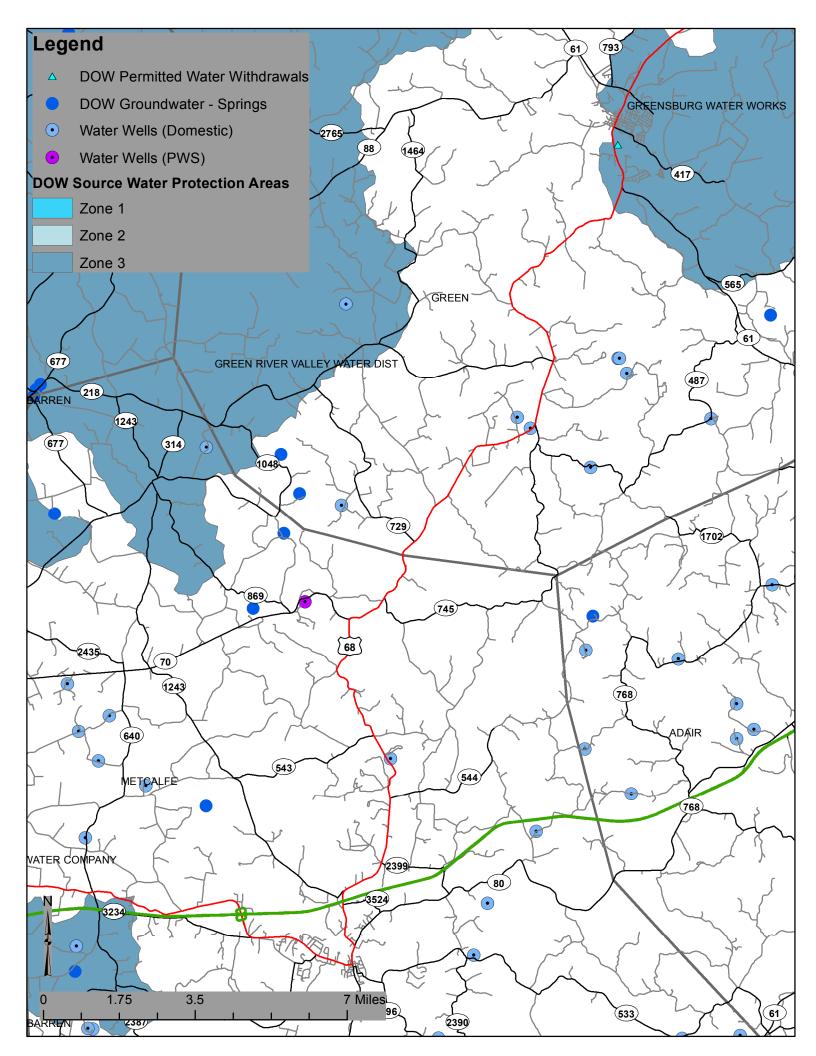
Please refer to the included maps for information regarding source water protection areas, groundwater wells and springs, and karst tracer data for the area referenced in your letter. There is one inactive PWS well in the area, as well as many domestic wells that are currently in use. Tracer data for 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







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

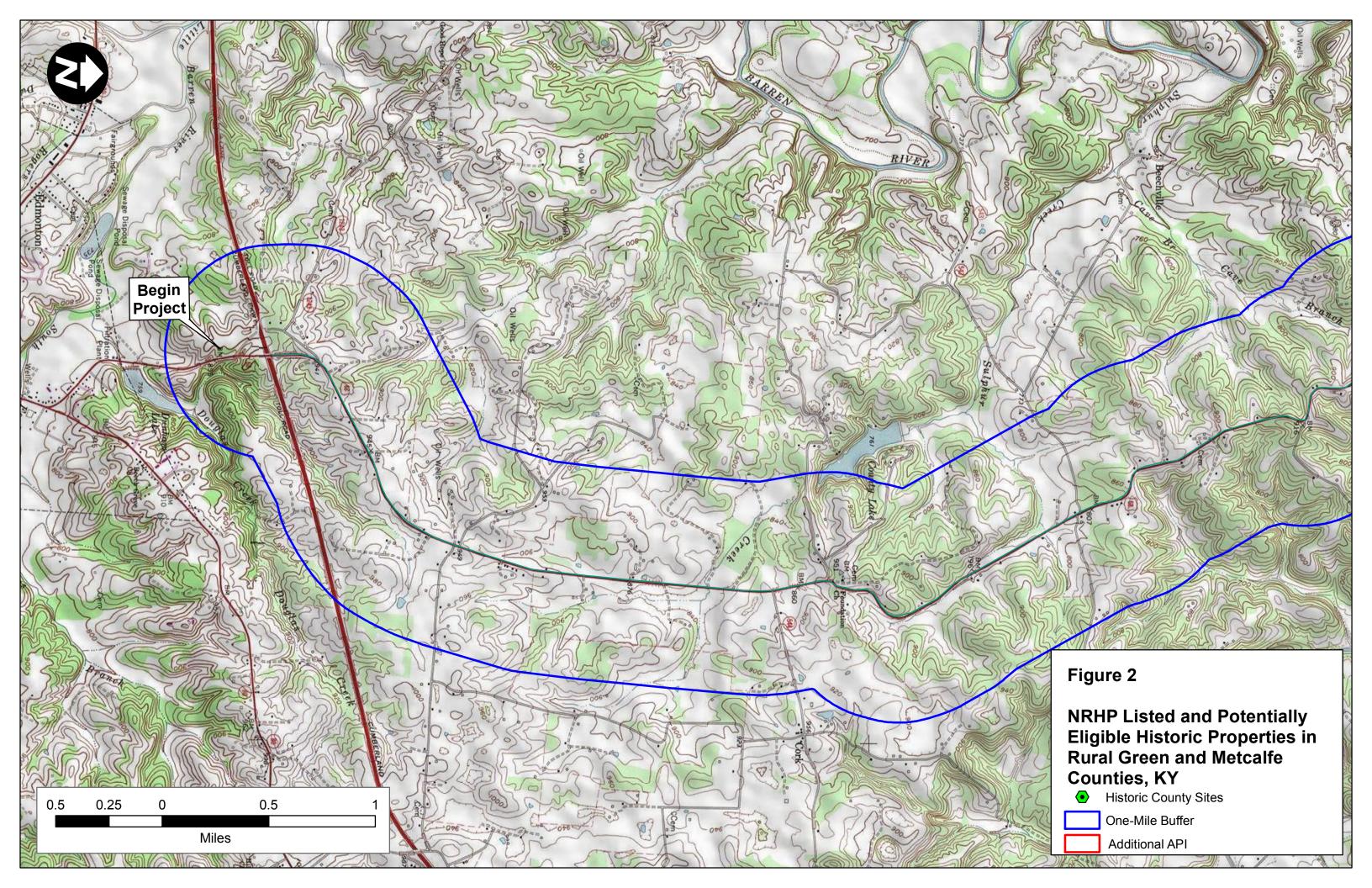
The purpose of this overview is to provide specific cultural historic information about the project area regarding historic resources that have been previously recorded, and those that are listed or determined potentially eligible for the National Register of Historic Places (NRHP). This document will 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.

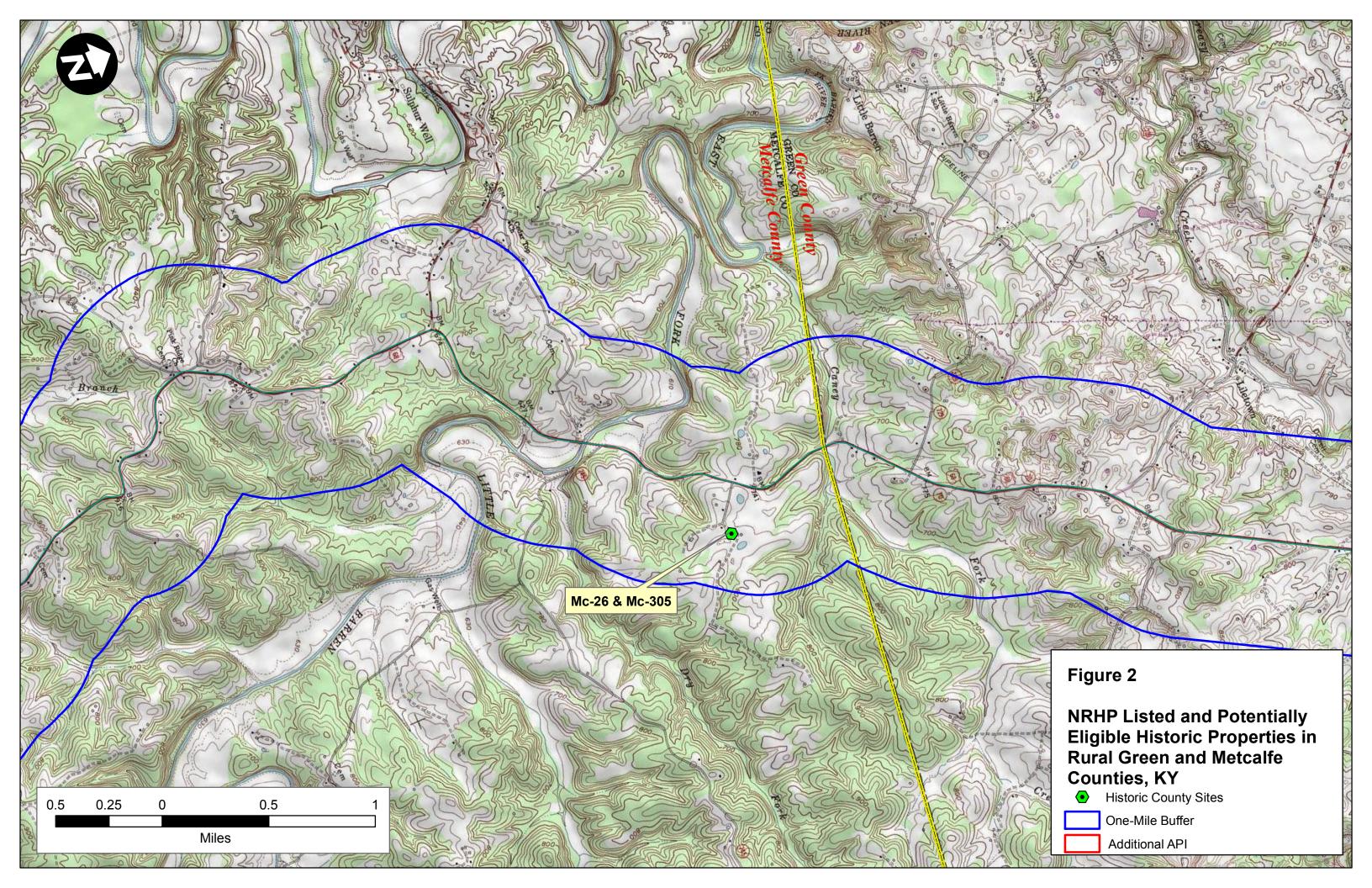
The study area, defined as the Area of Potential Effect (APE), established a corridor one-half mile on either side of the existing US 68 route (see Figure 2). This overview included a records search and review of all historic maps, Section 106 Cultural Historic Resource Reports, Kentucky Historic Inventory 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.

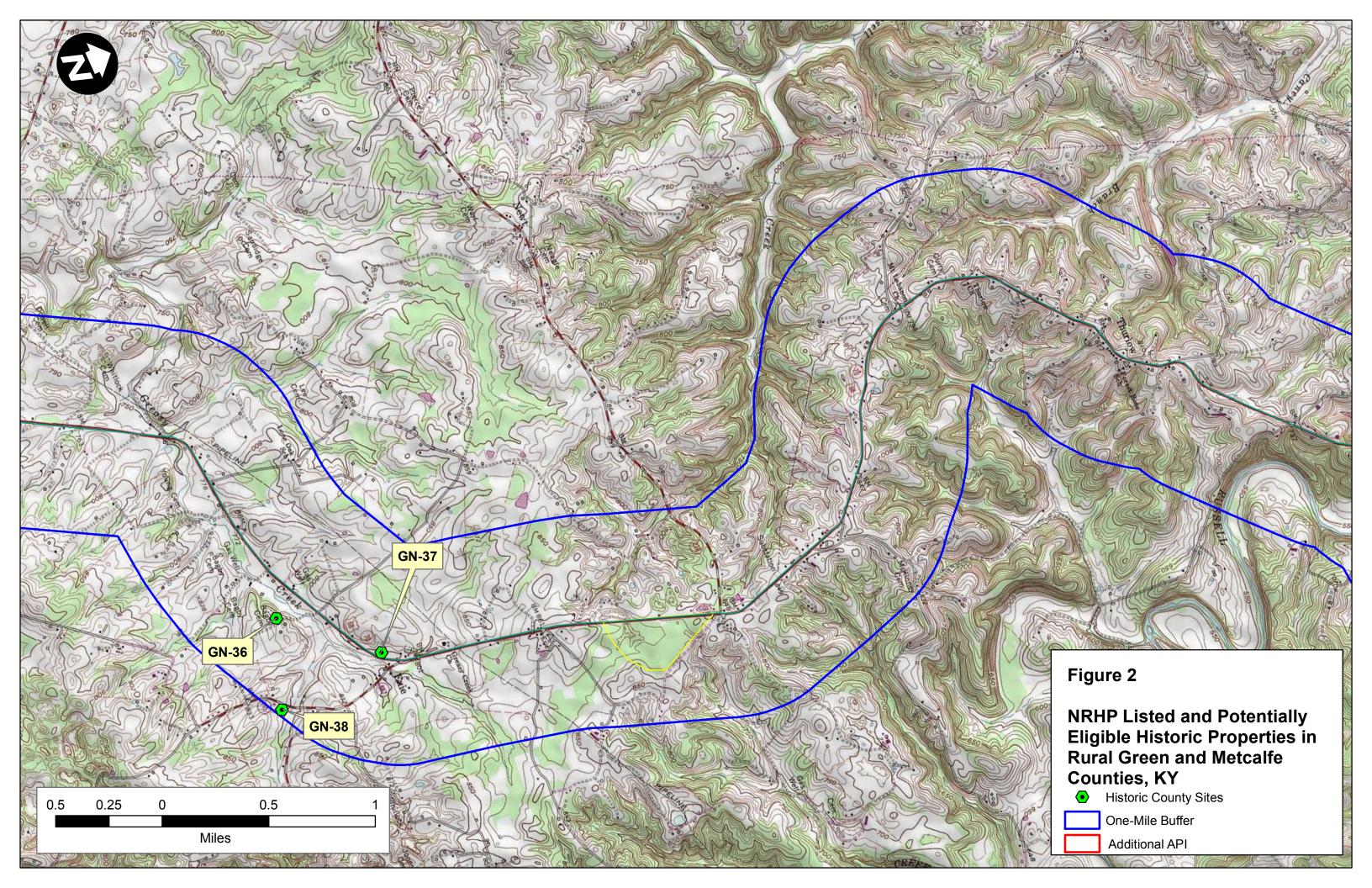
Following is a short historic overview and synopsis of the Inventory and National Register activity previously completed in the APE, as well as a brief update on the current historic integrity of the sites listed in the National Register.

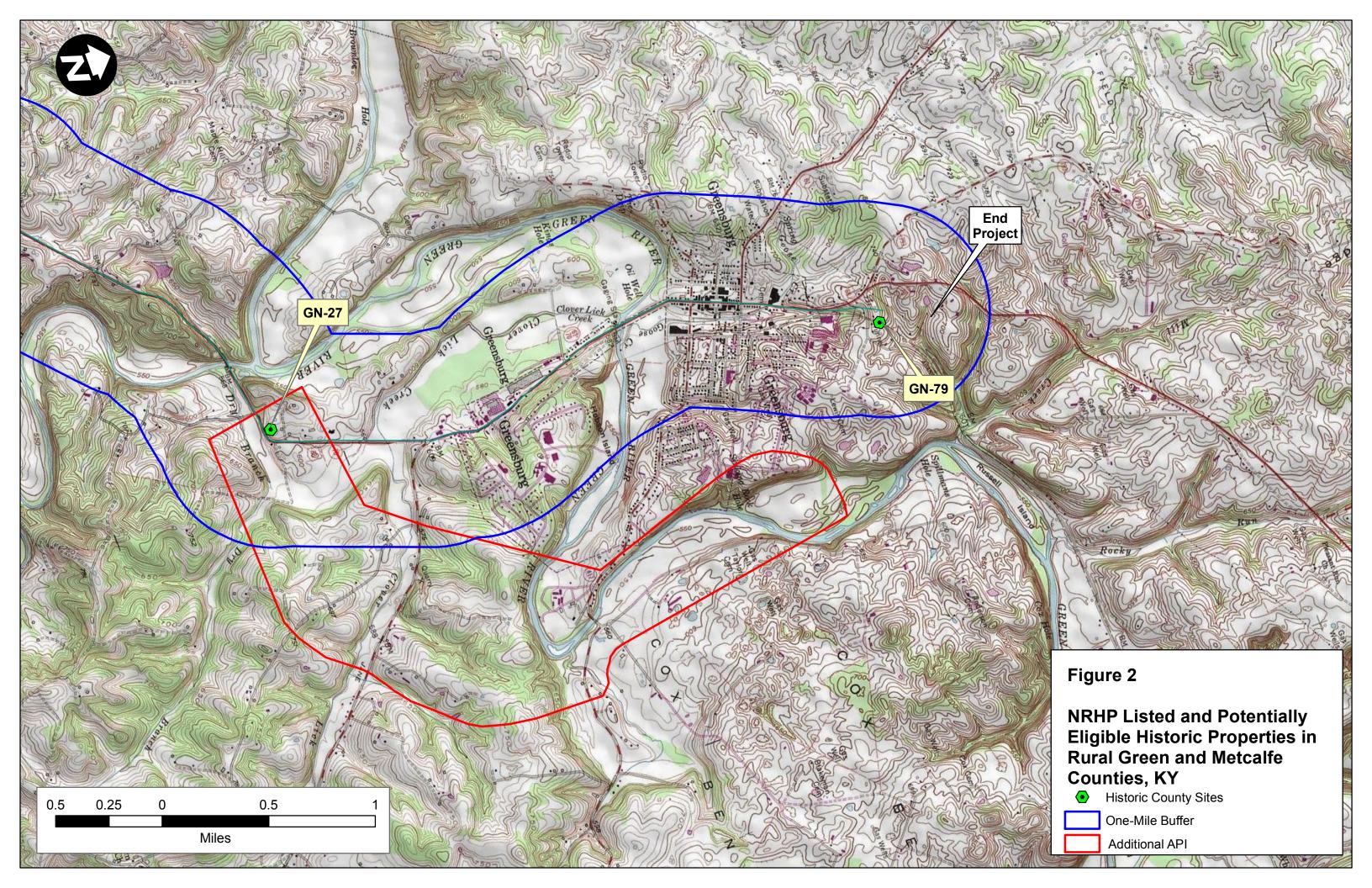


Figure 1: Location of Green and Metcalfe Counties, Kentucky









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 | 1/4 mile east of US 68; 1 mile south of Green County line |
| Mc-305 | Single Pen Log Barn | 1/4 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).

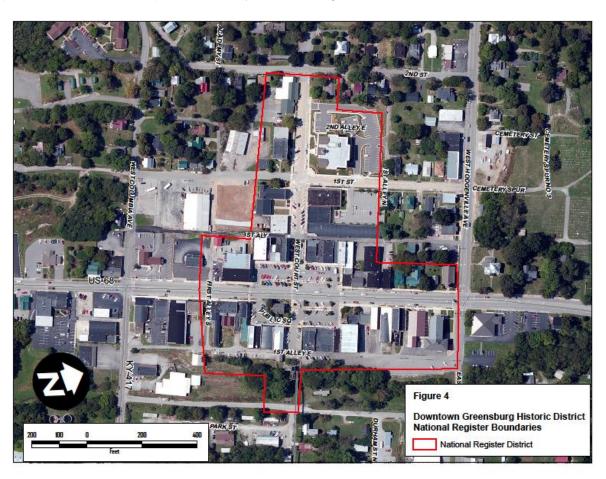


Figure 4: National Register Boundaries Greensburg Historic District



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.

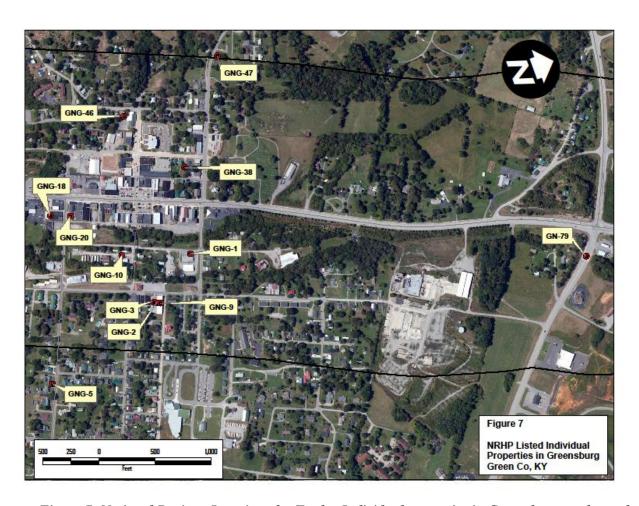


Figure 7: National Register Locations for Twelve Individual properties in Greensburg not located within the Downtown Greensburg Historic District Boundaries

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)

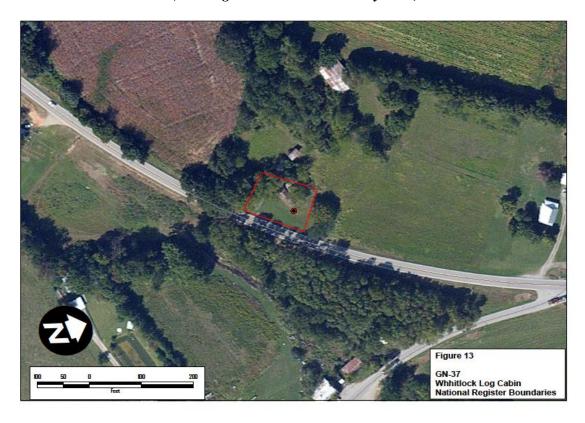


Figure 13: National Register Boundaries for Gn-27

| 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

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

Appendix C

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®

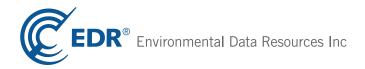


TABLE OF CONTENTS

| SECTION | PAGE |
|--|----------|
| Executive Summary | ES1 |
| Overview Map. | 2 |
| Detail Map. | 3 |
| Map Findings Summary. | 4 |
| Map Findings. | 7 |
| Orphan Summary. | 47 |
| Government Records Searched/Data Currency Tracking | GR-1 |
| GEOCHECK ADDENDUM | |
| Physical Setting Source Addendum | A-1 |
| Physical Setting Source Summary | A-2 |
| Physical Setting SSURGO Soil Map. | A-5 |
| Physical Setting Source Map | A-14 |
| Physical Setting Source Map Findings. | A-16 |
| Physical Setting Source Records Searched | A-37 |

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

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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.

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 li | ist |
| 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 s | ite List |
| CERC-NFRAP | CERCLIS No Further Remedial Action Planned |
| | |
| Federal RCRA CORRACTS | facilities list |
| CORRACTS | Corrective Action Report |
| 5 | OTO TOD to allities like |
| Federal RCRA non-CORRA | |
| RCRA-TSDF | RCRA - Treatment, Storage and Disposal |
| Federal RCRA generators I | ist |
| | RCRA - Large Quantity Generators |
| | RCRA - Small Quantity Generators |
| RCRA-CESQG | RCRA - Conditionally Exempt Small Quantity Generator |
| Federal institutional contro | ols / engineering controls registries |
| | Engineering Controls Sites List |
| | 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 |

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

DOD....... Department of Defense Sites FUDS...... Formerly Used Defense Sites

CONSENT..... Superfund (CERCLA) Consent Decrees

TRIS...... Toxic Chemical Release Inventory System

TSCA...... Toxic Substances Control Act

Act)/TSCA (Toxic Substances Control Act)

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

SSTS..... Section 7 Tracking Systems

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 AIRS...... Aerometric Information Retrieval System Facility Subsystem

COAL ASH..... Coal Ash Disposal Sites

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.

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.) | А3 | 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. GREENSBURG BP | 219 SOUTH MAIN STREET 202 S MAIN ST | NNE 1/8 - 1/4 (0.193 mi.) NNE 1/8 - 1/4 (0.198 mi.) | В9 В16 | 19 35 |
| Lower Elevation | Address | Direction / Distance | Map ID | Page |
| GREENSBURG CITGO | 531 COLUMBIA HWY | S 1/8 - 1/4 (0.130 mi.) | A4 | 11 |

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.

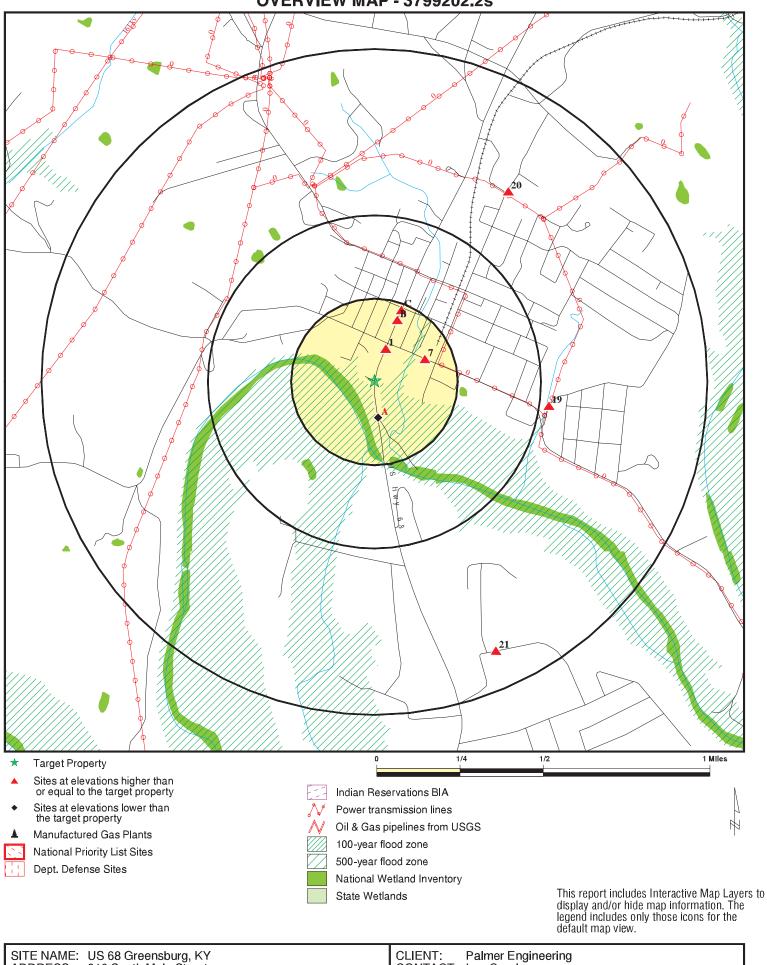
A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there is 1 EDR US Hist Cleaners site within approximately 0.25 miles of the target property.

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

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

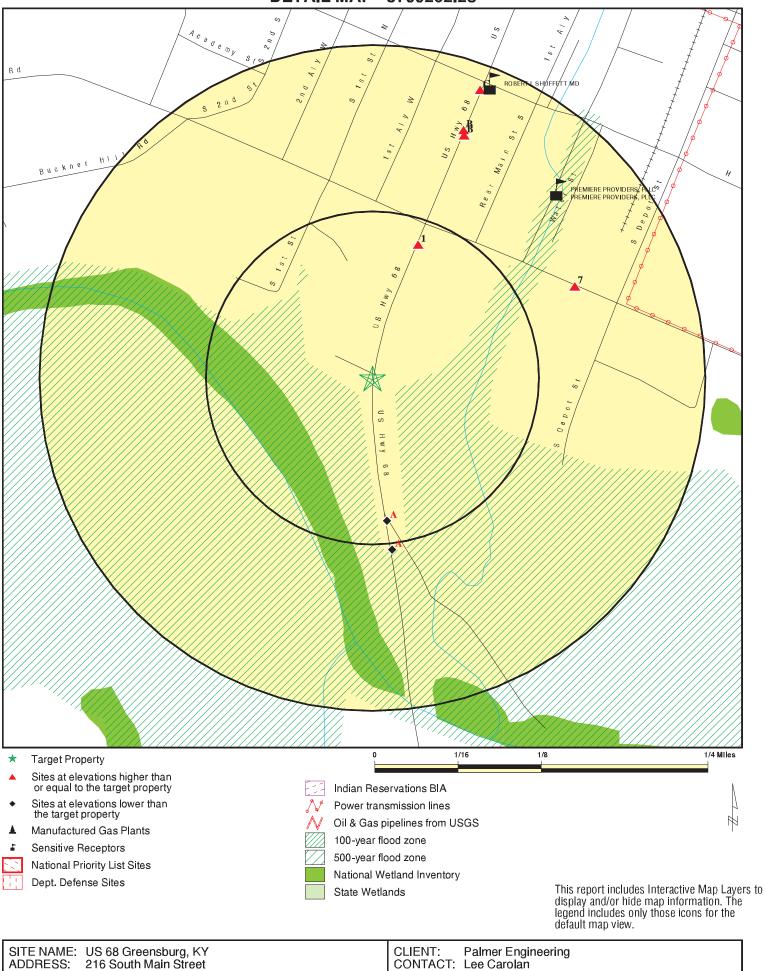
| Site Name | Database(s) | | | | |
|------------------------------------|----------------------------------|--|--|--|--|
| GREENSBURG BOTTLING CO | US MINES, FTTS, HIST FTTS, FINDS | | | | |
| BAKER ENERGY TRUCK SPILL | SHWS | | | | |
| LEGION PARK DRUMS | SHWS | | | | |
| KY RSA #4 CELLULAR GP - WEBBS | 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



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

DETAIL MAP - 3799202.2s



Greensburg KY 42743

37.2575 / 85.5033

LAT/LONG:

Copyright © 2013 EDR, Inc. © 2010 Tele Atlas Rel. 07/2009.

December 02, 2013 2:15 pm

3799202.2s

INQUIRY #:

DATE:

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 ENVIRONMEN | TAL RECORDS | | | | | | | |
| Federal NPL site list | | | | | | | | |
| NPL Proposed NPL NPL LIENS | 1.000 1.000 TP | | 0 0 NR | 0 0 NR | 0 0 NR | 0 0 NR | NR NR NR | 0 0 0 |
| Federal Delisted NPL sit | te list | | | | | | | |
| Delisted NPL | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| Federal CERCLIS list | | | | | | | | |
| CERCLIS FEDERAL FACILITY | 0.500 0.500 | | 0 0 | 0 0 | 0 0 | NR NR | NR NR | 0 0 |
| Federal CERCLIS NFRA | P site List | | | | | | | |
| CERC-NFRAP | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| Federal RCRA CORRAC | TS facilities lis | t | | | | | | |
| CORRACTS | 1.000 | | 0 | 0 | 0 | 0 | NR | 0 |
| Federal RCRA non-COR | RACTS TSD fa | cilities list | | | | | | |
| RCRA-TSDF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| Federal RCRA generator | rs list | | | | | | | |
| RCRA-LQG RCRA-SQG RCRA-CESQG | 0.250 0.250 0.250 | | 0 0 0 | 0 0 0 | NR NR NR | NR NR NR | NR NR NR | 0 0 0 |
| Federal institutional controls / engineering controls registries | | | | | | | | |
| US ENG CONTROLS US INST CONTROL LUCIS | 0.500 0.500 0.500 | | 0 0 0 | 0 0 0 | 0 0 0 | NR NR NR | NR NR NR | 0 0 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 a solid waste disposal site | | | | | | | | |
| SWF/LF | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| State and tribal leaking storage tank lists | | | | | | | | |
| SB193 PSTEAF INDIAN LUST | 0.500 0.500 0.500 | | 0 0 0 | 2 0 0 | 0 0 0 | NR NR NR | NR NR NR | 2 0 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 FEMA UST | 0.250 0.250 | | 0 0 | 0 0 | NR NR | NR NR | NR NR | 0 0 |
| | State and tribal institutional control / engineering control registries | | | | | | | |
| ENG CONTROLS INST CONTROL | 0.500 0.500 | | 0 0 | 0 0 | 0 0 | NR NR | NR NR | 0 0 |
| State and tribal voluntary | cleanup site | es | | | | | | |
| VCP INDIAN VCP | 0.500 0.500 | | 0 0 | 0 0 | 0 0 | NR NR | NR NR | 0 0 |
| State and tribal Brownfie | lds sites | | | | | | | |
| BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| ADDITIONAL ENVIRONMEN | TAL RECORDS | <u> </u> | | | | | | |
| Local Brownfield lists | | | | | | | | |
| US BROWNFIELDS | 0.500 | | 0 | 0 | 0 | NR | NR | 0 |
| Local Lists of Landfill / S Waste Disposal Sites | | | | | | | | |
| DEBRIS REGION 9 ODI SWRCY HIST LF INDIAN ODI | 0.500 0.500 0.500 0.500 0.500 | | 0 0 0 0 | 0 0 1 0 | 0 0 0 0 | NR NR NR NR NR | NR NR NR NR NR | 0 0 1 0 |
| Local Lists of Hazardous waste / Contaminated Sites | | | | | | | | |
| US CDL CDL US HIST CDL | TP TP TP | | NR NR NR | NR NR NR | NR NR NR | NR NR NR | NR NR NR | 0 0 0 |
| Local Land Records | | | | | | | | |
| LIENS 2 | TP | | NR | NR | NR | NR | NR | 0 |
| Records of Emergency Release Reports | | | | | | | | |
| HMIRS SPILLS | TP TP | | NR NR | NR NR | NR NR | NR NR | NR NR | 0 0 |
| Other Ascertainable Records | | | | | | | | |
| RCRA NonGen / NLR DOT OPS DOD FUDS CONSENT ROD UMTRA US MINES | 0.250 TP 1.000 1.000 1.000 1.000 0.500 0.250 | | 0 NR 0 0 0 0 0 | 3 NR 0 0 0 0 0 | NR NR 0 0 0 0 0 NR | NR NR 0 0 0 NR NR | NR NR NR NR NR NR | 3 0 0 0 0 0 |

MAP FINDINGS SUMMARY

| B | Search Distance | Target | 4.10 | 4/0 4/4 | 4/4 4/0 | 1/0 1 | | Total |
|--|--|----------|--|---|---|--|--|-------------|
| Database | (Miles) | Property | < 1/8 | 1/8 - 1/4 | 1/4 - 1/2 | 1/2 - 1 | > 1 | Plotted |
| TRIS TSCA FTTS HIST FTTS SSTS ICIS PADS MLTS RADINFO FINDS RAATS RMP UIC DRYCLEANERS NPDES AIRS LEAD INDIAN RESERV SCRD DRYCLEANERS US FIN ASSUR PCB TRANSFORMER COAL ASH DOE PRP US AIRS COAL ASH Financial Assurance LEAD SMELTERS | TP T | | NR R R R R R R R R R R R R R R R R R R | RR RR RR RR RR OR RR OOR RR RR NR | RR RR RR RR RR RR RR OOR RR RR NR | RR | NR N | |
| 2020 COR ACTION EPA WATCH LIST COAL ASH EPA | 0.250 TP 0.500 | | 0 NR 0 | 0 NR 0 | NR NR NR 0 | NR NR NR | NR NR NR | 0 0 0 |
| EDR HIGH RISK HISTORICAL RECORDS | | | | | | | | |
| EDR Exclusive Records | | | | | | | | |
| EDR MGP EDR US Hist Auto Stat EDR US Hist Cleaners | 1.000 0.250 0.250 | | 0 0 1 | 0 4 0 | 0 NR NR | 0 NR NR | NR NR NR | 0 4 1 |

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

EDR US Hist Cleaners 1015056182 N/A

NNE **407 COLUMBIA HWY** GREENSBURG, KY 42743 < 1/8

0.106 mi. 559 ft.

EDR Historical Cleaners: Relative:

Higher Name: SUN SAVVY CLEANERS

Year: 2007

Actual: Address: 592 ft.

Name: SUN SAVVY CLEANERS

407 COLUMBIA HWY

2008 Year:

407 COLUMBIA HWY Address:

Name: SUN SAVVY CLEANERS

Year:

Address: 407 COLUMBIA HWY

SUN SAVVY CLEANERS Name:

Year: 2010

407 COLUMBIA HWY Address:

S111100113 **A2** KTC GREEN CO MAINT GARAGE SHWS

South **521 COLUMBIA RD SPILLS** N/A GREENSBURG, KY 42743 < 1/8 **NPDES**

0.108 mi.

570 ft. Site 1 of 5 in cluster A

SHWS: Relative:

1585 Facility Id: Lower Status: Closed

Actual: Description: (Closed:Restored) Green Co. Maint. & Equip. (KYTC)

561 ft. 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

STREAM DEGRADATION, TRANSPORTATION ACCIDENT - BARGE Incident Type:

York, Duke (22325) Received By Staff: Received Date: 07/14/2011 Dispatch Description: Not reported Source Name: Telecom

Green Co State Maintenance Garage Source Name 2:

Source Address: 1585 521 Columbia Rd

Source City: Greensburg

Source State: ΚY

Source Phone Number: Not reported Not reported Parameter: CAS: Not reported Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

KTC GREEN CO MAINT GARAGE (Continued)

S111100113

EDR ID Number

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:

Facility Status:

KY DES #:

Not reported
ACTIVE
KYG500016

Total App# Design Flow (MGD): 0

Horizontal Collect Method Desc:

Facility Addr 2:
Inactive Date:
Design Capacity:
Fee Category:
SIC Code:

Not reported
Not reported
Not reported
Not reported
And reported
Not reported
Not reported
And reported
Not reported
Not reported

Lat/Long: 3715050 / -8530180

Lat/Long Method:
USGS Hydrologic Basin Code:
Facility Stream Segment:
Facility Mileage Indicator:
Basin Code:

A
5110001
Not reported
Not reported
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

CLOVER LICK Reveiving Waters: 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 Submissioneported

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number**

A3 GREEN CO STATE MAINTENANCE GARAGE UST U003990248 N/A

South **521 COLUMBIA RD** GREENSBURG, KY 42743 < 1/8

0.108 mi.

570 ft. Site 2 of 5 in cluster A

UST: Relative:

775044 Sequence Id: Lower Facility ID: 1585

Actual: Owner Name: KYTC Environmental Analysis 561 ft.

Owner Address: 200 Mero St 5th FI Owner Address2: Not reported Owner Address3: Not reported Frankfort, KY 40622 Owner City, St, Zip:

Internal Document ID: Latitude: -85.505 Longitude: 37.251389

Subject Item Id:

Tank Status: Tank removed/verified

Inert Material Code: Not reported

SINGLE WALL STEEL Tank Material:

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:

Tank Substance: **GASOLINE** Tank Mfg Code: Not reported

INV RECORDS/TANK TIGHTNESS TEST Tank External Protection:

Tank Internal Protection: NA Tank Overfill Protection: Unknown Last Tank Test Date: Not reported Relined Date: Not reported Not reported Lining Insp Date: Piping Installation Date: Not reported Suction Pipe Type:

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:

Tank Status: Tank removed/verified

Inert Material Code: Not reported

SINGLE WALL STEEL Tank Material:

Installation Date: 01/01/1980 Closed In Place Date: Not reported Removed Date: 01/04/1996

EDR ID Number

Direction Distance Elevation

Site Database(s) **EPA ID Number**

GREEN CO STATE MAINTENANCE GARAGE (Continued)

U003990248

EDR ID Number

Capacity in Gallons: 2000 Change in Service Date: Not reported Not reported Tank Pit Num:

Compartment Num:

Tank Substance: **GASOLINE** Tank Mfg Code: Not reported

INV RECORDS/TANK TIGHTNESS TEST Tank External Protection:

Tank Internal Protection: NA Tank Overfill Protection: Unknown Last Tank Test Date: Not reported Relined Date: Not reported Not reported Lining Insp Date: 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 Not reported Last CP Test Date: Added To Flex Date: Not reported Added To Piping Date: Not reported Added To Tank Date: Not reported

Subject Item Id:

Tank Status: Tank removed/verified

Not reported Inert Material Code:

SINGLE WALL STEEL Tank Material:

Installation Date: 01/01/1983 Closed In Place Date: Not reported Removed Date: 01/04/1996 2000 Capacity in Gallons: Change in Service Date: Not reported Tank Pit Num: Not reported

Compartment Num: DIESEL Tank Substance: Tank Mfg Code: Not reported

INV RECORDS/TANK TIGHTNESS TEST Tank External Protection:

Tank Internal Protection: NA Tank Overfill Protection: Unknown Last Tank Test Date: Not reported Not reported Relined Date: 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

Direction Distance

Elevation Site Database(s) EPA ID Number

GREEN CO STATE MAINTENANCE GARAGE (Continued)

U003990248

EDR ID Number

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 Not reported Lining Insp Date: 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:

Pipe Mfg Code:

Last Pipe Test Date:

Not reported

A4 GREENSBURG CITGO RCRA NonGen / NLR 1001228287
South 531 COLUMBIA HWY FINDS KYR000016626

1/8-1/4 0.130 mi.

685 ft. Site 3 of 5 in cluster A

GREENSBURG, KY

Relative: RCRA NonGen / NLR:

Lower Date form received by agency: 07/23/1998

Facility name: GREENSBURG CITGO

Actual: Facility address: 531 COLUMBIA HWY

561 ft. 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 **SWRCY**

SB193

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

GREENSBURG CITGO (Continued)

1001228287

EPA Region: 04

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

BALL BROTHERS OIL CO Owner/operator name: 798 WEST MAIN STREET Owner/operator address: 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: Nο 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:

NONE Waste code: Waste name: None

Violation Status: No violations found

FINDS:

110003253014 Registry ID:

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:

AUTOMOTIVE SERVICE Facility Type:

Contact Name: Not reported Contact Name2: Not reported Contact Phone: (270) 932-6026

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

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: UST:

Lower Sequence Id: 3709044 Facility ID: 51216

Actual: Owner Name: Ball Brothers Oil Co
561 ft. 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:

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:

GASOLINE Tank Substance: Tank Mfg Code: Not reported Tank External Protection: NON Tank Internal Protection: UNKNOWN Tank Overfill Protection: Unknown Last Tank Test Date: Not reported Not reported Relined Date: Not reported Lining Insp Date: Piping Installation Date: Not reported Pipe Type: Unknown Pipe Material: Unknown Pipe External Protection: Unknown Unknown Pipe Release Detection: Pipe Rel Detect Suc Code: UNK Pipe Leak Detect Code: NA

Last Contained Date: Not reported

Direction Distance Elevation

ation Site Database(s) EPA ID Number

GREENSBURG AUTO SALES (Continued)

U001182340

EDR ID Number

Pipe Mfg Code:

Last Pipe Test 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:

Tank Substance: **GASOLINE** Tank Mfg Code: Not reported Tank External Protection: NON UNKNOWN Tank Internal Protection: 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:

Pipe Mfg Code:

Last Pipe Test 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:

Tank Substance: GASOLINE
Tank Mfg Code: Not reported
Tank External Protection: NON
Tank Internal Protection: UNKNOWN
Tank Overfill Protection: Unknown

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

GREENSBURG AUTO SALES (Continued)

U001182340

Last Tank Test Date: Not reported Not reported Relined Date: 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 Not reported Pipe Mfg Code: 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: FRA Account: 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

08/15/1995 Max of Acc_Date:

Α6 **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

EDR Historical Auto Stations: Relative:

GREENSBURG AUTO SVC Name: Lower

Year: 2010

Actual: Address: 531 COLUMBIA HWY 561 ft.

Name: **GREENSBURG CITGO**

Name:

Year: 2011 531 COLUMBIA HWY Address:

Year: 2012

531 COLUMBIA HWY Address:

GREENSBURG CITGO

CONVENIENT FOOD MART 174 UST U000208308 **Financial Assurance** N/A

ENE 109 E COLUMBIA 1/8-1/4 GREENSBURG, KY 42743

0.167 mi. 880 ft.

UST: Relative:

Sequence Id: 5244044 Higher Facility ID: 68711

Actual: Owner Name: Dairy Mart Estate 586 ft. Owner Address: 1515 Market St Ste 820

Direction Distance Elevation

on Site Database(s) EPA ID Number

CONVENIENT FOOD MART 174 (Continued)

Owner Address2: Not reported Owner Address3: Not reported

Owner City,St,Zip: Philadelphia, PA 19102

Internal Document ID: (

Latitude: -85.501892 Longitude: 37.258991

Subject Item Id:

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:

Tank Substance: **GASOLINE** Tank Mfg Code: Not reported Tank External Protection: NON UNKNOWN Tank Internal Protection: 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:

Pipe Mfg Code:

Last Pipe Test 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

EDR ID Number

U000208308

Direction Distance Elevation

tion Site Database(s) EPA ID Number

CONVENIENT FOOD MART 174 (Continued)

U000208308

EDR ID Number

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

Last Contained Date:

Pipe Mfg Code:

Last Pipe Test 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:

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 Not reported Relined Date: Not reported Lining Insp Date: 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:

Pipe Mfg Code:

Last Pipe Test Date:

Not reported

Subject Item Id:

Tank Status: Tank removed/verified

Inert Material Code: Not reported

Tank Material: SINGLE WALL STEEL

Installation Date: 01/01/1969

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

CONVENIENT FOOD MART 174 (Continued)

U000208308

Closed In Place Date:

Removed Date:

Capacity in Gallons:

Change in Service Date:

Tank Pit Num:

Not reported

Not reported

Not reported

Not reported

Compartment Num:

Tank Substance: **GASOLINE** Tank Mfg Code: Not reported Tank External Protection: NON UNKNOWN Tank Internal Protection: 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:

Pipe Mfg Code:

Last Pipe Test 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

1/8-1/4 GREENSBURG, KY 42743

0.193 mi.

GREENSBORG, KT 42743

0.193 IIII.

1017 ft. Site 1 of 9 in cluster B

Relative: EDR Historical Auto Stations:

Higher Name: GREENSBURG GAS & WASH

Year: 1999

Actual: Address: 219 S MAIN ST 604 ft.

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

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

(Continued) 1015331238

Year: 2002

219 S MAIN ST Address:

GREENSBURG MARKETS, INC. B9 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

RCRA NonGen / NLR: Relative:

Date form received by agency: 02/16/2004 Higher

Facility name: GREENSBURG MARKETS, INC. Actual: Facility address: 219 SOUTH MAIN STREET 604 ft. 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:

GREENSBURG MARKETS, INC. Owner/operator name:

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.

PENDLETON, KY 40055

P O BOX 63

Owner/operator country: US

Owner/operator address:

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: Nο Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

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

GREENSBURG, KY 42743 1/8-1/4

0.193 mi.

1017 ft. Site 3 of 9 in cluster B

KY SENATE BILL 193 INVENTORY: Relative:

KY SENATE BILL 193 INVENTORY: CLW Higher

9497044 Facility ID: Actual: Soil / Groundwater: Soil 604 ft. Agency Interest Number: 61516

UST:

9497044 Sequence Id: 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: Latitude: -85.5035 Longitude: 37.257167

Subject Item Id:

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

Direction Distance

Elevation Site Database(s) EPA ID Number

COWBOYS 302 (Continued) U000205538

Change in Service Date: Not reported Tank Pit Num: Not reported

Compartment Num:

Tank Substance: KEROSENE Tank Mfg Code: Not reported

Tank External Protection: STATISTICAL INVENTORY RECONCILIATION

Tank Internal Protection: NA

Tank Overfill Protection:
Last Tank Test Date:
Relined Date:
Lining Insp Date:
Piping Installation Date:
Not reported
Not reported
Not reported
Not reported
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:

Pipe Mfg Code:

Last Pipe Test 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

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:
Last Tank Test Date:
Relined Date:
Uning Insp Date:
Piping Installation Date:
Not reported
Not reported
Not reported
Not reported
Pressurized

Pipe Material: Double Wall Fiberglass

Pipe External Protection: NA

Pipe Release Detection: Statistical Inventory Reconciliation

Pipe Rel Detect Suc Code:
Pipe Leak Detect Code:
Last Contained Date:
Pipe Mfg Code:
Last Pipe Test Date:
Last CP Test Date:
Added To Flex Date:
Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

EDR ID Number

Direction Distance Elevation

tance EDR ID Number vation Site Database(s) EPA ID Number

COWBOYS 302 (Continued)

U000205538

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

Subject Item Id:

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:

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 MLD Pipe Leak Detect Code: 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 Not reported Added To Piping Date: 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

Direction Distance

Elevation Site Database(s) **EPA ID Number**

COWBOYS 302 (Continued) U000205538

Pipe Type: Pressurized

Double Wall Fiberglass Pipe Material:

Pipe External Protection:

Pipe Release Detection: Statistical Inventory Reconciliation

Pipe Rel Detect Suc Code: SIR MLD Pipe Leak Detect Code: Last Contained Date: Not reported Not reported Pipe Mfg Code: 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 N/A

NNE 215 S MAIN ST

1/8-1/4 GREENSBURG, KY 42743

0.194 mi.

1024 ft. Site 4 of 9 in cluster B

UST: Relative:

Higher

Sequence Id: Not reported Facility ID: 107734

Actual: 604 ft.

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: O

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 Not reported Closed In Place Date: Not reported Removed Date: 4000 Capacity in Gallons: Change in Service Date: Not reported Tank Pit Num: Not reported

Compartment Num: Tank Substance: **KEROSENE**

Tank Mfg Code: XER

AUTOMATIC TANK GAUGING Tank External Protection: Tank Internal Protection: NA

High Level Alarm Tank Overfill Protection: Last Tank Test Date: Not reported Relined Date: Not reported Lining Insp Date: Not reported Not reported Piping Installation Date: Pipe Type: Pressurized

Pipe Material: FIBERGLASS REINFORCED PLASTIC

Pipe External Protection:

Pipe Release Detection: **Electronic Leak Detection**

Pipe Rel Detect Suc Code: NON Pipe Leak Detect Code: ELD

EDR ID Number

Direction Distance Elevation

evation Site Database(s) EPA ID Number

FIVESTAR FOODMART #4432 (Continued)

U004154137

EDR ID Number

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:

Tank Status:Tank activeInert 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 Not reported Last Contained Date: 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 activeInert 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

Direction Distance Elevation

n Site Database(s) EPA ID Number

FIVESTAR FOODMART #4432 (Continued)

U004154137

EDR ID Number

Tank Overfill Protection:
Last Tank Test Date:
Relined Date:
Lining Insp Date:
Piping Installation Date:
Not reported
Not reported
Not reported
Not reported
Pressurized

Pipe Material: FIBERGLASS REINFORCED PLASTIC

Pipe External Protection: NA

Pipe Release Detection: Electronic Leak Detection

Pipe Rel Detect Suc Code: NON ELD Pipe Leak Detect Code: 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 activeInert 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:

Last CP Test Date:

Added To Flex Date:

Added To Piping Date:

Added To Tank Date:

Not reported

Not reported

Not reported

Not reported

Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

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

EDR Historical Auto Stations: Relative:

GREENSBURG TIRE INC Higher Name:

Year: 2003 Actual: Address: 213 S MAIN ST

604 ft.

Name: **GREENSBURG TIRE INC**

Year: 2004

213 S MAIN ST Address:

GREENSBURG FIRESTONE U000806943 B13 UST N/A

NNE **213 S MAIN**

GREENSBURG, KY 42743 1/8-1/4

0.195 mi.

Site 6 of 9 in cluster B 1028 ft.

UST: Relative:

Higher

Sequence Id: 2674044 Facility ID: 63600

Actual: Greensburg Firestone Owner Name: 604 ft.

Owner Address: **213 S MAIN** Owner Address2: Not reported Owner Address3: Not reported

Owner City, St, Zip: Greensburg, KY 42743

Internal Document ID:

-85.503169 Latitude: Longitude: 37.258001

Subject Item Id:

Tank Status: Tank removed/verified

Inert Material Code: Not reported

SINGLE WALL STEEL Tank Material:

Installation Date: 01/01/1978 Closed In Place Date: Not reported 07/09/1990 Removed Date: Capacity in Gallons: 6000 Change in Service Date: Not reported Tank Pit Num: Not reported

Compartment Num:

GASOLINE Tank Substance: Tank Mfg Code: Not reported NON Tank External Protection: UNKNOWN Tank Internal Protection: Tank Overfill Protection: Unknown Not reported Last Tank Test Date: Relined Date: Not reported Lining Insp Date: Not reported Piping Installation Date: Not reported Pipe Type: Unknown Single Wall Steel Pipe Material: Unknown

Pipe External Protection: Pipe Release Detection: Unknown UNK Pipe Rel Detect Suc Code: Pipe Leak Detect Code: NA

Last Contained Date: Not reported

Direction Distance Elevation

ation Site Database(s) EPA ID Number

GREENSBURG FIRESTONE (Continued)

U000806943

EDR ID Number

Pipe Mfg Code:

Last Pipe Test Date:

Not reported

Subject Item Id:

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:

Tank Substance: **GASOLINE** Tank Mfg Code: Not reported Tank External Protection: NON UNKNOWN Tank Internal Protection: 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:

Pipe Mfg Code:

Last Pipe Test Date:

Last CP Test Date:

Added To Flex Date:

Added To Piping Date:

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

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:

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

Direction Distance Elevation

Site Database(s) EPA ID Number

GREENSBURG FIRESTONE (Continued)

U000806943

EDR ID Number

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

Last Contained Date:

Pipe Mfg Code:

Last Pipe Test 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:

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 Not reported Relined Date: Not reported Lining Insp Date: 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

Direction Distance

Elevation Site Database(s) **EPA ID Number**

B14 GREENSBURG BP UST U000809477 NNE 202 S MAIN ST N/A

GREENSBURG, KY 42743 1/8-1/4

0.198 mi.

1047 ft. Site 7 of 9 in cluster B

Relative:

UST:

5856044 Higher Sequence Id: Facility ID: 61517

Actual: 605 ft.

Owner Name: Roger Caldwell Owner Address: 202 S MAIN ST Owner Address2: Not reported Owner Address3: Not reported

Greensburg, KY 42743 Owner City, St, Zip:

Internal Document ID:

Latitude: -85.50250947 Longitude: 37.25897417

Subject Item Id:

Tank Status: Tank removed/verified

Inert Material Code: Not reported

SINGLE WALL STEEL Tank Material:

Installation Date: 01/01/1969 Closed In Place Date: 02/03/1995 04/04/1995 Removed Date: Capacity in Gallons: 8000 Change in Service Date: Not reported Tank Pit Num: Not reported

Compartment Num:

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 Not reported Lining Insp Date: Piping Installation Date: Not reported Suction Pipe Type:

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 Not reported Pipe Mfg Code: 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:

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

EDR ID Number

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

GREENSBURG BP (Continued)

U000809477

Capacity in Gallons: 3000
Change in Service Date: Not reported
Tank Pit Num: Not reported

Compartment Num:

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 Not reported Lining Insp Date: 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:

Pipe Mfg Code:

Last Pipe Test 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

GASOLINE Tank Substance: Tank Mfg Code: Not reported Tank External Protection: NON UNKNOWN Tank Internal Protection: 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

Direction Distance Elevation

on Site Database(s) EPA ID Number

GREENSBURG BP (Continued)

U000809477

EDR ID Number

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

Subject Item Id:

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 UNKNOWN Tank Internal Protection: Tank Overfill Protection: Unknown Last Tank Test Date: Not reported Relined Date: Not reported Not reported Lining Insp Date: 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 reporte

Last Contained Date:

Pipe Mfg Code:

Last Pipe Test Date:

Last CP Test Date:

Added To Flex Date:

Added To Piping Date:

Added To Tank Date:

Not reported

Not reported

Not reported

Not reported

Not reported

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:
Compartment Num:
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

Direction Distance Elevation

vation Site Database(s) EPA ID Number

GREENSBURG BP (Continued)

U000809477

EDR ID Number

Piping Installation Date: Not reported
Pipe Type: Suction
Pipe Material: Single Wall Steel

Pipe External Protection: Other Pipe Release Detection: None NON Pipe Rel Detect Suc Code: Pipe Leak Detect Code: MLD Last Contained Date: Not reported Pipe Mfg Code: Not reported Last Pipe Test Date: Not reported Not reported Last CP Test Date: Not reported Added To Flex Date: 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:

Last Tank Test Date:

Relined Date:

Lining Insp Date:

Piping Installation Date:

Pipe Type:

Pipe Material:

Flow Restrictor

Not reported

Not reported

Not reported

Suction

Single Wall Steel

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:

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

Direction Distance

Elevation Site Database(s) EPA ID Number

GREENSBURG BP (Continued)

U000809477

EDR ID Number

Change in Service Date: Not reported Tank Pit Num: Not reported

Compartment Num:

Tank Substance: GASOLINE Tank Mfg Code: Not reported

Tank External Protection: INV RECORDS/TANK TIGHTNESS TEST

Tank Internal Protection: NA

Tank Overfill Protection:
Last Tank Test Date:
Relined Date:
Lining Insp Date:
Piping Installation Date:
Not reported
Not reported
Not reported
Not reported
Not reported
Suction
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:

Pipe Mfg Code:

Last Pipe Test 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

Compartment Num: 1
Tank Substance: DIESEL
Tank Mfg Code: Not reported

Tank External Protection: AUTOMATIC TANK GAUGING 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:
Pipe Rel Detect Suc Code:
Pipe Leak Detect Code:
Last Contained Date:
None
NON
MLD
Not reported

Pipe Mfg Code:

Last Pipe Test Date:

Last CP Test Date:

Added To Flex Date:

Not reported

Not reported

Not reported

Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

GREENSBURG BP (Continued)

U000809477

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

Subject Item Id:

Tank Status: Tank removed/verified

Inert Material Code: Not reported UNKNOWN Tank Material: 01/01/1966 Installation Date: Not reported Closed In Place Date: Removed Date: 04/04/1995 Capacity in Gallons: 2000 Not reported Change in Service Date: Tank Pit Num: Not reported

Compartment Num: Tank Substance: **DIESEL** Tank Mfg Code: Not reported Tank External Protection: NON UNKNOWN Tank Internal Protection: 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

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

Subject Item Id:

Pipe Rel Detect Suc Code:

Pipe Leak Detect Code:

Tank removed/verified **Tank Status:**

UNK

NA

Inert Material Code: Not reported

Tank Material: SINGLE WALL STEEL

11/01/1989 Installation Date: 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: Tank Substance: **GASOLINE**

Not reported INV RECORDS/TANK TIGHTNESS TEST Tank External Protection:

Tank Internal Protection:

Tank Mfg Code:

Tank Overfill Protection: Flow Restrictor Last Tank Test Date: Not reported Relined Date: Not reported Not reported Lining Insp Date: Piping Installation Date: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

GREENSBURG BP (Continued) U000809477

Pipe Type: Suction

Single Wall Steel Pipe Material:

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

EDR Historical Auto Stations: Relative:

Name: ROGERS AUTO SALES OF GRNSBRG INC Higher

Year: 2004

Actual: 202 S MAIN ST Address:

605 ft.

ROGERS AUTO SALES OF GREENSBURG INC Name:

Year: 2005

Address: 202 S MAIN ST

ROGERS AUTO SALES & RENTALS Name:

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 1/8-1/4 **GREENSBURG, KY**

0.198 mi.

1047 ft. Site 9 of 9 in cluster B

RCRA NonGen / NLR: Relative:

Date form received by agency: 08/10/2000 Higher Facility name: **GREENSBURG BP**

Actual: Facility address: 202 S MAIN ST 605 ft.

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 **FINDS**

KYR000028282

Distance

Elevation Site Database(s) EPA ID Number

GREENSBURG BP (Continued)

1004706677

EDR ID Number

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.

Direction Distance

Elevation Site Database(s) EPA ID Number

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: UST:

 Higher
 Sequence Id:
 3229044

 Facility ID:
 61518

Actual: Owner Name: Alltel Kentucky Inc 607 ft. 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 External Protection: AUTOMATIC TANK GAUGING

Not reported

Tank Internal Protection: NA

Tank Mfg Code:

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:

Pipe Mfg Code:

Last Pipe Test Date:

Not reported

EDR ID Number

Direction Distance

Elevation Site Database(s) **EPA ID Number**

C18 **GREENSBURG NO 4423** UST U001183467 NNE 111 S MAIN ST N/A

GREENSBURG, KY 42743 1/8-1/4

0.232 mi.

1223 ft. Site 2 of 2 in cluster C

Relative:

UST:

5363044 Higher Sequence Id: Facility ID: 61515

Actual: 607 ft.

Newcomb Oil Co LLC Owner Name: 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:

Latitude: -85.50233781 Longitude: 37.25983662

Subject Item Id:

Tank Status: Tanks removed before 1988

Inert Material Code: Not reported

SINGLE WALL STEEL Tank Material:

Installation Date: 01/01/1969 Closed In Place Date: Not reported 10/07/1988 Removed Date: Capacity in Gallons: 6000 Change in Service Date: Not reported Tank Pit Num: Not reported

Compartment Num:

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 Not reported Lining Insp Date: Piping Installation Date: Not reported Unknown Pipe Type: Pipe Material: Single Wall Steel Pipe External Protection: Unknown Pipe Release Detection: Unknown

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:

Pipe Rel Detect Suc Code:

Tank Status: Tanks removed before 1988

UNK

Inert Material Code: Not reported

SINGLE WALL STEEL Tank Material:

Installation Date: 01/01/1969 Closed In Place Date: Not reported Removed Date: 04/12/1988

EDR ID Number

Direction Distance Elevation

ion Site Database(s) EPA ID Number

GREENSBURG NO 4423 (Continued)

U001183467

EDR ID Number

Capacity in Gallons: 550

Change in Service Date: Not reported Tank Pit Num: Not reported

Compartment Num:

Tank Substance: ALSO LISTED AS NOL/FOL/UOL

Tank Mfg Code: Not reported Tank External Protection: NON UNKNOWN Tank Internal Protection: Tank Overfill Protection: Unknown Last Tank Test Date: Not reported Relined Date: Not reported Not reported Lining Insp Date: Piping Installation Date: Not reported Pipe Type: Unknown Pipe Material: Single Wall Steel Pipe External Protection: Unknown Pipe Release Detection: Unknown

Pipe Release Detection: Unknown
Pipe Rel Detect Suc Code: UNK
Pipe Leak Detect Code: NA
Last Contained Date: Not reported

Pipe Mfg Code:

Last Pipe Test 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 MLD Pipe Leak Detect Code: Last Contained Date: Not reported Pipe Mfg Code: **FRP** Last Pipe Test Date: 08/26/2009 Last CP Test Date: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

GREENSBURG NO 4423 (Continued)

U001183467

EDR ID Number

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

Not reported

Not reported

Pipe External Protection: NA Pipe Release Detection: LTT NON Pipe Rel Detect Suc Code: 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 Not reported Added To Flex Date: Added To Piping Date: Not reported

Subject Item Id: 1

Added To Tank Date:

Lining Insp Date:

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: Tank Substance: **GASOLINE** Tank Mfg Code: Not reported Tank External Protection: NON UNKNOWN Tank Internal Protection: Tank Overfill Protection: Unknown Last Tank Test Date: Not reported Not reported Relined Date:

Direction Distance Elevation

tion Site Database(s) EPA ID Number

GREENSBURG NO 4423 (Continued)

U001183467

EDR ID Number

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 Data: Nat reported

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 UNKNOWN Tank Internal Protection: Tank Overfill Protection: Unknown Last Tank Test Date: Not reported Relined Date: Not reported Lining Insp Date: Not reported Not reported Piping Installation Date: Pipe Type: Unknown Pipe Material: Single Wall Steel Pipe External Protection: Unknown

Pipe Release Detection:

Pipe Rel Detect Suc Code:

Pipe Leak Detect Code:

Last Contained Date:

Not reported

Pipe Mfg Code:
Last Pipe Test Date:
Not reported

Subject Item Id:

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

Direction Distance

Elevation Site Database(s) EPA ID Number

GREENSBURG NO 4423 (Continued)

U001183467

EDR ID Number

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:
Pipe Release Detection:
Pipe Rel Detect Suc Code:
Pipe Leak Detect Code:
Last Contained Date:

NA
LTT
NON
MLD
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 LTT Pipe Release Detection: 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

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

GREENSBURG NO 4423 (Continued) U001183467

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

19 MOSS PROPERTY SHWS \$110529929 East 103 WEST LOCUST STREET CDL N/A

1/2-1 GREENSBURG, KY 42743

0.529 mi. 2793 ft.

Relative: SHWS: Facility Id:

Status: Closed

Actual: Description: 103 West Locust Street Meth Lab (Closed 8/19/2010)
574 ft. Closure Date: 08/19/2010

109098

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 INDIANA HARDWOODS - GREENSBURG

NE 513 N DEPOT ST 1/2-1 GREENSBURG, KY 42743

1/2-1 GREENSBURG, KY 42743 0.700 mi.

Relative: SHWS: Higher Facility

3694 ft.

Facility Id: 5149 **Status: Closed**

Actual: Description: (Closed Option A) Wood Treatment release / Drums 682 ft. 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 SHWS

SPILLS

NPDES

AIRS

S108081679

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

INDIANA HARDWOODS - GREENSBURG (Continued)

S108081679

EDR ID Number

Closure Option: Option A No Action Necessary

Side SG: Not reported

SPILLS:

Source Address:

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

513 N Depot St

Source City: Greensburg
Source State: KY
Source Phone Number: Not reported
Parameter: Unknown
CAS: 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 Not reported Fee Category: 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

Direction Distance

Elevation Site Database(s) EPA ID Number

INDIANA HARDWOODS - GREENSBURG (Continued)

S108081679

EDR ID Number

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 Submissioneported

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

21 CLARK CASUAL FURNITURE INC SHWS S106884951
SSE 214 INDUSTRIAL ROAD N/A

SSE 214 INDUSTRIAL ROAD 1/2-1 GREENSBURG, KY 42743

0.886 mi. 4677 ft.

Relative: SHWS:

Higher Facility Id: 51716
Status: Closed

Actual: Description: Clarks Casual Furniture Abandoned Drum Removal. Closed option C 5/1/08

706 ft. Closure Date: 05/01/2008 Longitude: -85.4972 Map ID MAP FINDINGS Direction

Distance Elevation

Site Database(s) **EPA ID Number**

CLARK CASUAL FURNITURE INC (Continued)

S106884951

EDR ID Number

37.244722 Latitude: Subject Item County: Green Sub Item Longitude: 37.244994 Subject Item Address: Subject Item Address2: 214 Industrial Rd Not reported

Subject Item City,St,Zip: Greensburg, KY 42743 Regulatory Desc: State Superfund Closure Option: Option C Restored 35519

Side SG:

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 |

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 Source: EPA
Date Data Arrived at EDR: 05/09/2013 Telephone: N/A

Number of Days to Update: 62 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 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 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 Source: EPA
Date Data Arrived at EDR: 05/09/2013 Telephone: N/A

Number of Days to Update: 62 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

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 Source: Environmental Protection Agency Telephone: 703-603-0695 Last EDR Contact: 09/10/2013

Number of Days to Update: 104

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 Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 11/18/2013

Number of Days to Update: 70

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

Source: National Response Center, United States Coast Guard

Date Made Active in Reports: 02/15/2013

Telephone: 202-267-2180 Last EDR Contact: 10/01/2013

Number of Days to Update: 29

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 Source: Department of Environmental Protection

Telephone: 502-564-6716 Last EDR Contact: 12/02/2013

Number of Days to Update: 23

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

Telephone: Varies

Last EDR Contact: 09/30/2013

Next Scheduled EDR Contact: 01/13/2014

Source: Department of Justice, Consent Decree Library

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

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

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

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.

Data Release Frequency: No Update Planned

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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

Date of Government Version: N/A Source: EDR, Inc.
Date Data Arrived at EDR: N/A Telephone: N/A
Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR 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

Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR US Hist 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

Last EDR Contact: N/A

Number of Days to Update: 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

Source: Department of Natural Resources

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 08/09/2013

Number of Days to Update: 49

Telephone: N/A Last EDR Contact: 09/16/2013 Date Made Active in Reports: 09/27/2013

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

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

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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.

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).

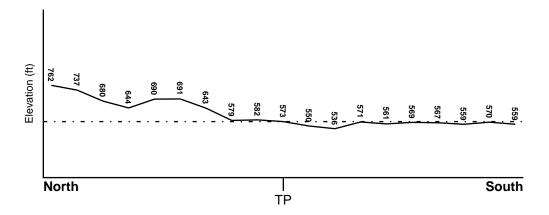
TOPOGRAPHIC INFORMATION

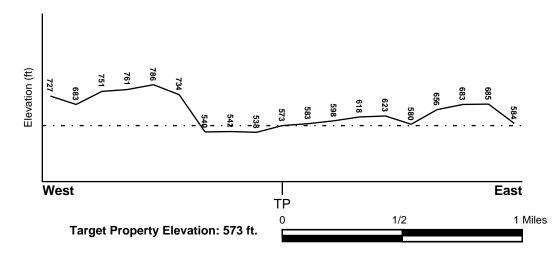
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

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

FEMA Flood Electronic Data

Target Property County 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 Electronic

NWI Quad at Target Property

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 Not Reported LOCATION FROM TP

GENERAL DIRECTION GROUNDWATER FLOW

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

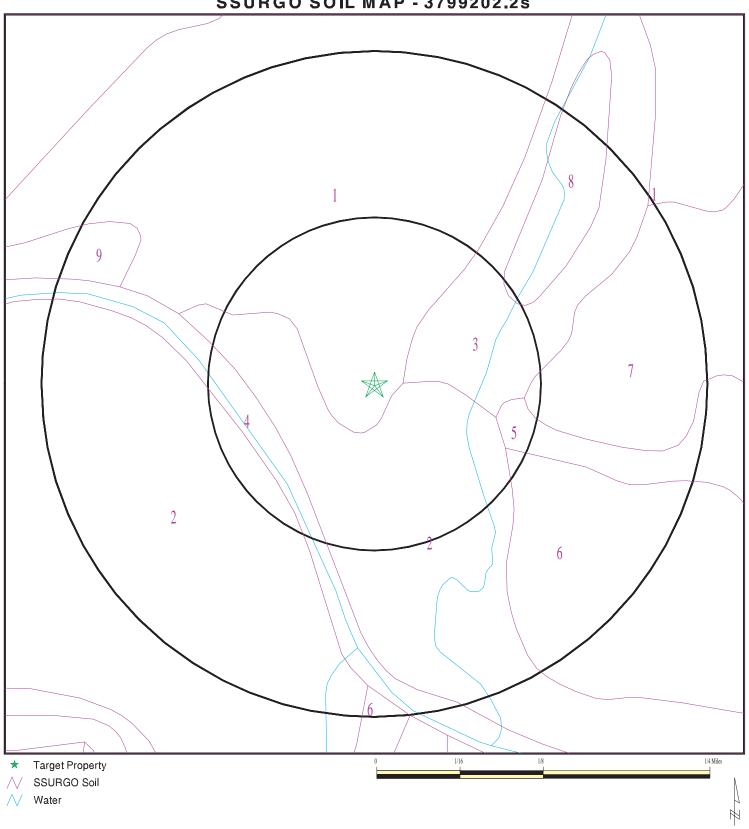
Era: Paleozoic Category: Stratified Sequence

System: Mississippian

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

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

SSURGO SOIL MAP - 3799202.2s



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#: 3799202.2s

DATE: December 02, 2013 2:16 pm

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 | | | | | | | | | |
|------------------------|-----------|-----------|--------------------|---|---|-----------------------------|----------------------|--|--|
| Layer | Bou | Boundary | Classification | | Saturated hydraulic | | | | |
| | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | conductivity micro m/sec | Soil Reaction (pH) | | |
| 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 | | | | | | | | |
|-------|------------------------|-----------|--------------------|---|---|------------------------------------|----------------------|--|--|
| Layer | Boundary | | Boundary | | Classification | | | | |
| | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | hydraulic conductivity micro m/sec | Soil Reaction (pH) | | |
| 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 | | | | | | | | | |
|-------|------------------------|-----------|------------------------|---|---|-----------------------------|----------------------|--|--|--|
| Layer | Boundary | | | Classification | | Saturated hydraulic | | | | |
| | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | conductivity micro m/sec | Soil Reaction (pH) | | | |
| 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.

> 0 inches

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Depth to Watertable Min:

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 114 inches

Soil Layer Information Saturated **Boundary** Classification hydraulic conductivity Layer Upper Lower Soil Texture Class **AASHTO Group Unified Soil Soil Reaction** micro m/sec (pH) 1 0 inches 9 inches silt loam Silt-Clay FINE-GRAINED Max: 14.11 Max: 6 Min: SOILS, Silts and Materials (more Min: 4.23 5.1 than 35 pct. Clays (liquid limit less than passing No. 200), Silty 50%), silt. Soils. FINE-GRAINED 2 33 inches gravelly silty Max: 14.11 Max: 6 Min: 9 inches Silt-Clay clay loam Materials (more SOILS, Silts and Min: 4.23 4.5 than 35 pct. Clays (liquid passing No. limit less than 200), Clayey 50%), Lean Clay Soils. 3 COARSE-GRAINED 33 inches 44 inches gravelly silty Silt-Clay Max: 14.11 Max: 6 Min: clay loam Materials (more SOILS, Gravels, Min: 4.23 4.5 than 35 pct. Gravels with passing No. fines, Clayey 200), Clayey Gravel Soils. Max: Min: 4 44 inches 48 inches unweathered Not reported Not reported Max: bedrock Min:

Soil Map ID: 6

Soil Surface Texture:

Soil Component Name: Morehead

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward

silt loam

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 | | | | | | | | | |
|------------------------|-----------|-----------|--------------------|---|---|-----------------------------|----------------------|--|--|
| Layer | Boundary | | | Classification | | Saturated hydraulic | | | |
| | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | conductivity micro m/sec | Soil Reaction (pH) | | |
| 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

| | Soil Layer Information | | | | | | | | |
|-------|------------------------|-----------|--------------------|---|---|-----------------------------|----------------------|--|--|
| Layer | Boundary | | | Classification | | Saturated hydraulic | | | |
| | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | conductivity micro m/sec | Soil Reaction (pH) | | |
| 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

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

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

| | Soil Layer Information | | | | | | | | | |
|-------|------------------------|-----------|--------------------|---|--|-----------------------------|----------------------|--|--|--|
| | Boundary | | | Classification | | Saturated hydraulic | | | | |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | conductivity micro m/sec | Soil Reaction (pH) | | | |
| 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

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

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 | | |
| Layer | Upper | Lower | Soil Texture Class | AASHTO Group | Unified Soil | conductivity micro m/sec | Soil Reaction (pH) |
| 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 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 | KY400000028711 | 1/2 - 1 Mile SSE |
| A4 | KY400000028710 | 1/2 - 1 Mile SSE |

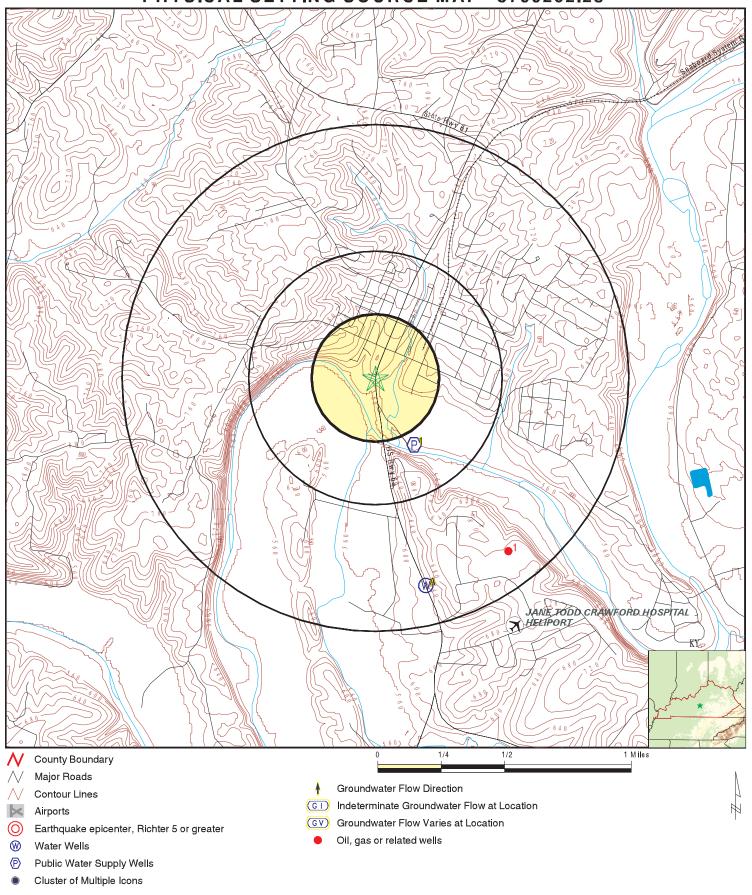
OTHER STATE DATABASE INFORMATION

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



SITE NAME: US 68 Greensburg, KY ADDRESS: 216 South Main Street Greensburg KY 42743 37.2575 / 85.5033

LAT/LONG:

CLIENT: Palmer Engir CONTACT: Lee Carolan Palmer Engineering

INQUIRY #: 3799202.2s

DATE: December 02, 2013 2:16 pm

Map ID Direction Distance

Elevation Database EDR ID Number

SSE FRDS PWS KY0440168

1/4 - 1/2 Mile Lower

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 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

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

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

Complerbe: 1/1/1994 0:00:00

Compleren: 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

Compleren: 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

Compleren: 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

Complerbe: 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

Complerbe: 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

Compleren: 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

Compleren: 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

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

Compleren: 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

Complerbe: 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

Compleren: 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

Compleren: 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

Complerbe: 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

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

Compleren: 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

Compleren: 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

Compleren: 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

Complerbe: 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

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

Compleren: 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

Compleren: 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

Compleren: 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

Compleren: 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

Complerbe: 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

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

Compleren: 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

Compleren: 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: 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

Vioid: 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

Vioid: 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

Vioid: 9950806 Contaminant: COLIFORM (TCR)

Viol. Type: Monitoring, Routine Minor (TCR)

Complerbe: 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** Follow-up and Routine Tap Sampling Violation Type:

LEAD & COPPER RULE Contaminant:

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

Enf. Action: State Violation/Reminder Notice **Enforcement Date:** 8/1/2000 0:00:00

System Name: **GREENSBURG WATER WORKS** Follow-up and Routine Tap Sampling Violation Type:

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

LEAD & COPPER RULE Contaminant:

Compliance Period: 1/1/1994 0:00:00 - 6/7/2000 0:00:00

Violation ID: 6231700

8/1/2000 0:00:00 **Enforcement Date:** Enf. Action: State Violation/Reminder Notice

System Name: **GREENSBURG WATER WORKS** Violation Type: Follow-up and Routine Tap Sampling

LEAD & COPPER RULE Contaminant:

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** Follow-up and Routine Tap Sampling Violation Type: 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: Enf. Action: State Formal NOV Issued 8/1/2000 0:00:00

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: TT

Contaminant: TTHM
Compliance Period: 10/1/2002 0:00:00

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

Compliance Period: 1999-10-01 - 1999-10-3⁻¹ 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

Map ID Direction Distance

Elevation EDR ID Number Database

A2 SSE 1/2 - 1 Mile **KY WELLS** KY400000028712

Higher

Location i: 267601 North lati: 37.24562 West longi: -85.49969

Akgwa numb: 80047749 Mine Site type: Primary us: Monitoring - Ambient Constructi: 02/11/2003

Site id: KY400000028712

A3 SSE 1/2 - 1 Mile Higher

Location i: 267599 North lati: 37.24562

-85.49969 West longi:

Akgwa numb: 80047741 Site type: Mine Primary us: Monitoring - Ambient 02/11/2003 Constructi:

Site id: KY4000000028711

A4 SSE 1/2 - 1 Mile **KY WELLS** KY400000028710

Higher

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 **KY WELLS**

KY400000028711

Map ID Direction Distance

stance Database EDR ID Number

SE OIL_GAS KYOG90000065783 1/2 - 1 Mile

Api: 16087006680000 Kgs recno: 2014555 Letter: Number: 49 900 Section: 5 Fns: 1800 Ν Few: Ns: W Surf elev: 692 Ew: Usgs quad: **GRESHAM** County: **GREEN**

Org farm: INDS FOUNDATION OF GREENSBURG
Org oper: EDMONTON MANUFACTURING CO

Org wellno: 325 Td: Tdfm: 344CORN Deepst pay: 000 Org wclass: UNC lof ip: Not Reported Cmpl date: Org result: GAS 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 Ing27:
 -85.4938168291

 Rec lat83:
 37.2475885357

 Rec Ing83:
 -85.4937826

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 pCl/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

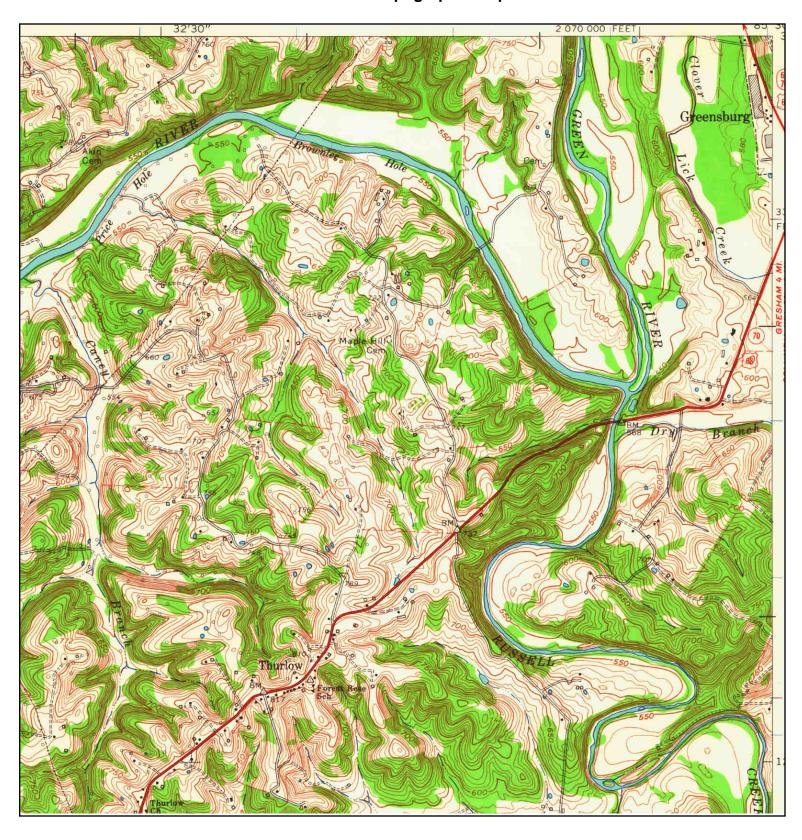
Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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ADJOINING QUAD NAME: EXIE

MAP YEAR: 1961

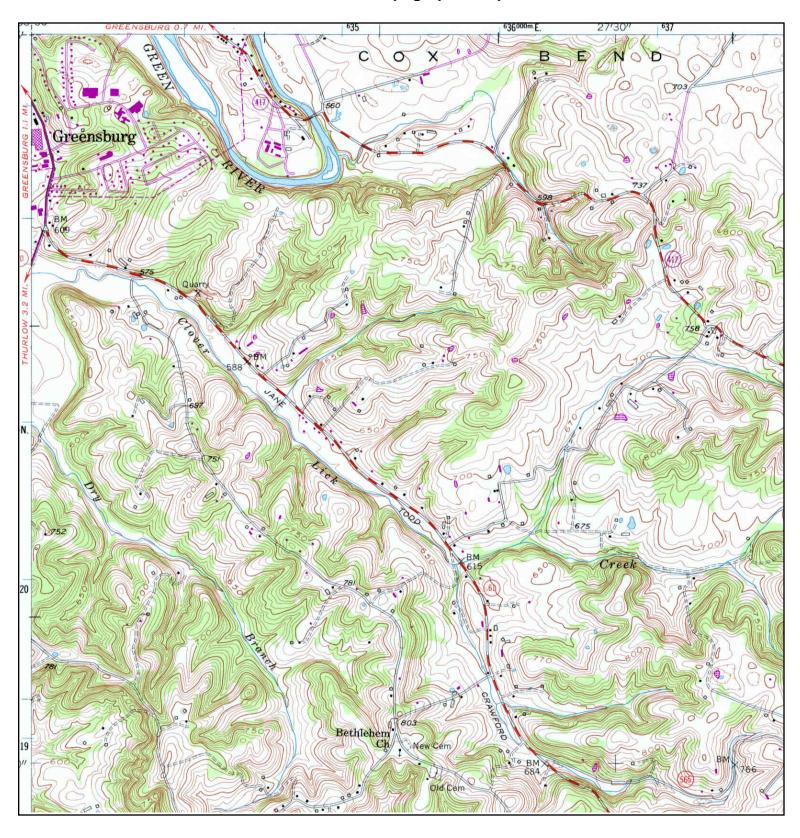
SERIES: 7.5 SCALE: 1:24000 SITE NAME: US 68 Greensburg, KY ADDRESS: 216 South Main Street

Greensburg, KY 42743

LAT/LONG: 37.2575 / -85.5033

CLIENT: Palmer Engineering

CONTACT: Lee Carolan INQUIRY#: 3799202.4 RESEARCH DATE: 12/02/2013





ADJOINING QUAD

NAME: GRESHAM MAP YEAR: 1987

PHOTOREVISED FROM: 1953

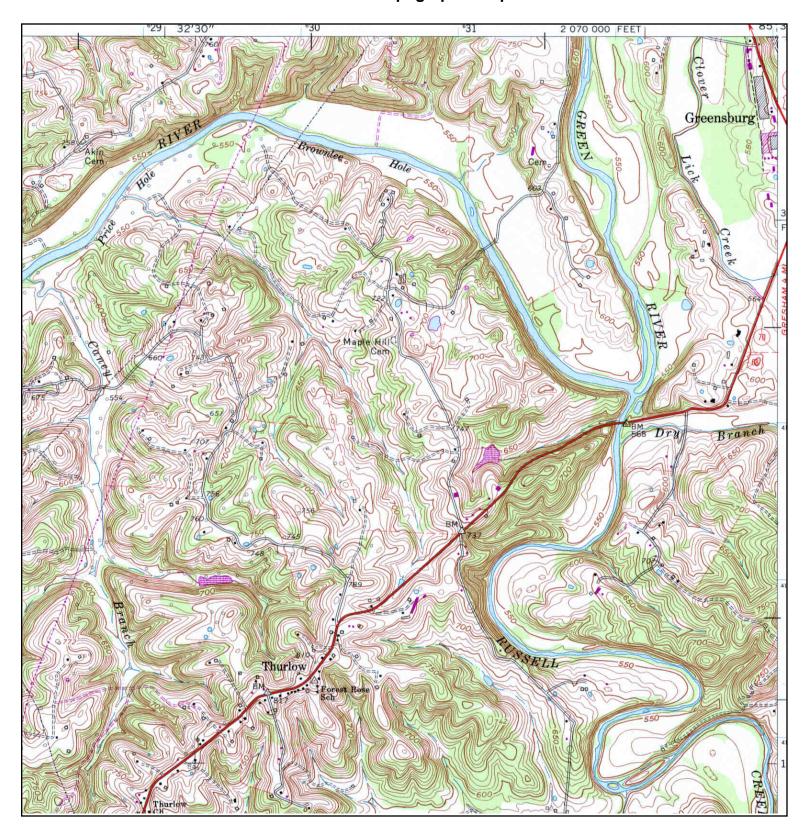
SERIES: 7.5 SCALE: 1:24000 SITE NAME: US 68 Greensburg, KY

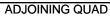
ADDRESS: 216 South Main Street Greensburg, KY 42743

37.2575 / -85.5033 LAT/LONG:

CLIENT: Palmer Engineering CONTACT: Lee Carolan

INQUIRY#: 3799202.4 RESEARCH DATE: 12/02/2013





NAME: EXIE MAP YEAR: 1987

PHOTOREVISED FROM:1961

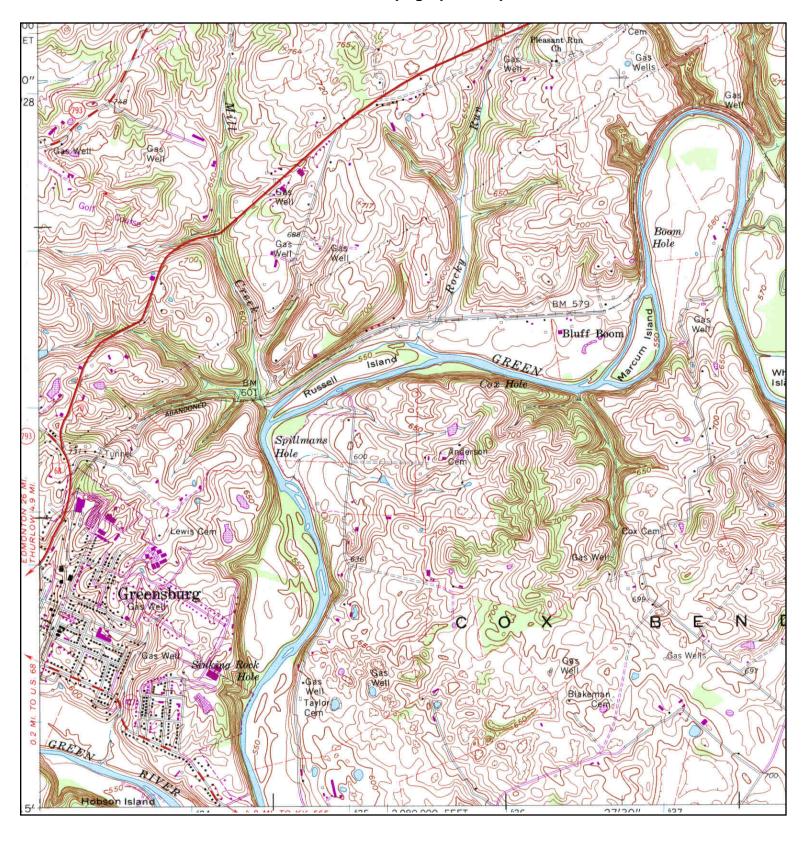
SERIES: 7.5 SCALE: 1:24000 SITE NAME: US 68 Greensburg, KY

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





NAME: GREENSBURG

MAP YEAR: 1987

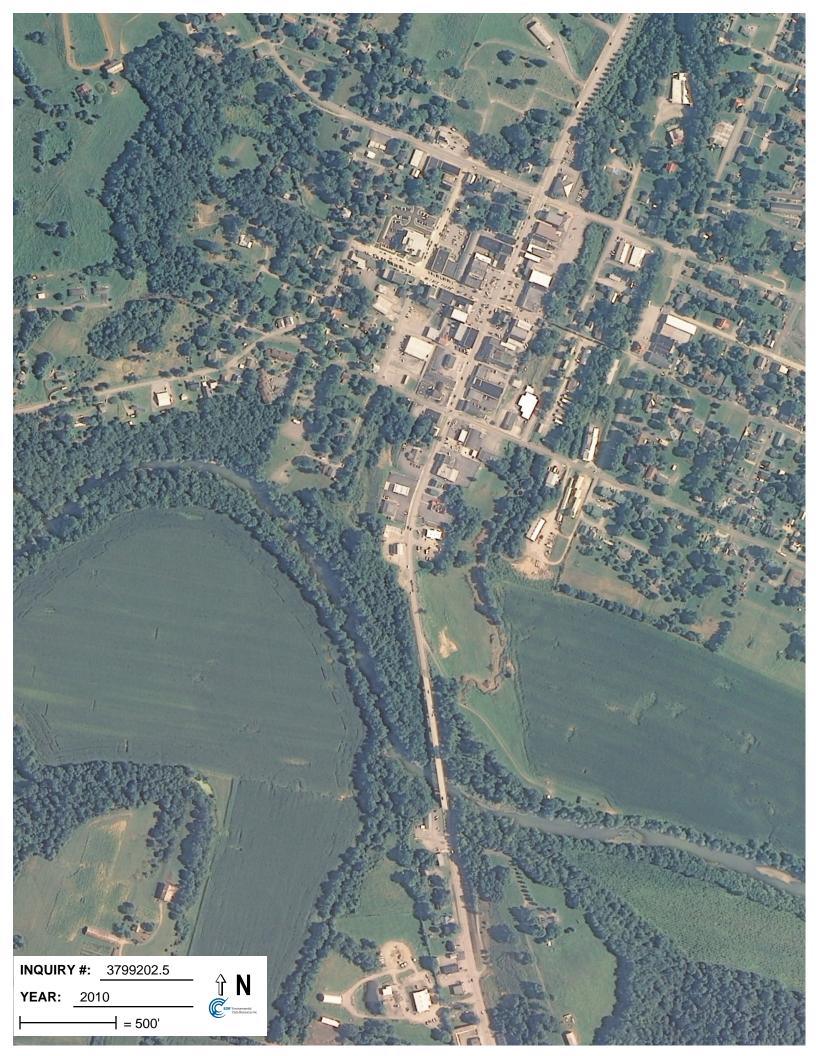
PHOTOREVISED FROM: 1961

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





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 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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Date EDR Searched Historical Sources:

Aerial Photography December 03, 2013

Target Property:

216 South Main Street Greensburg, KY 42743

| <u>Year</u> | <u>Scale</u> | <u>Details</u> | <u>Source</u> |
|-------------|-----------------------------------|---|---------------|
| 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 |



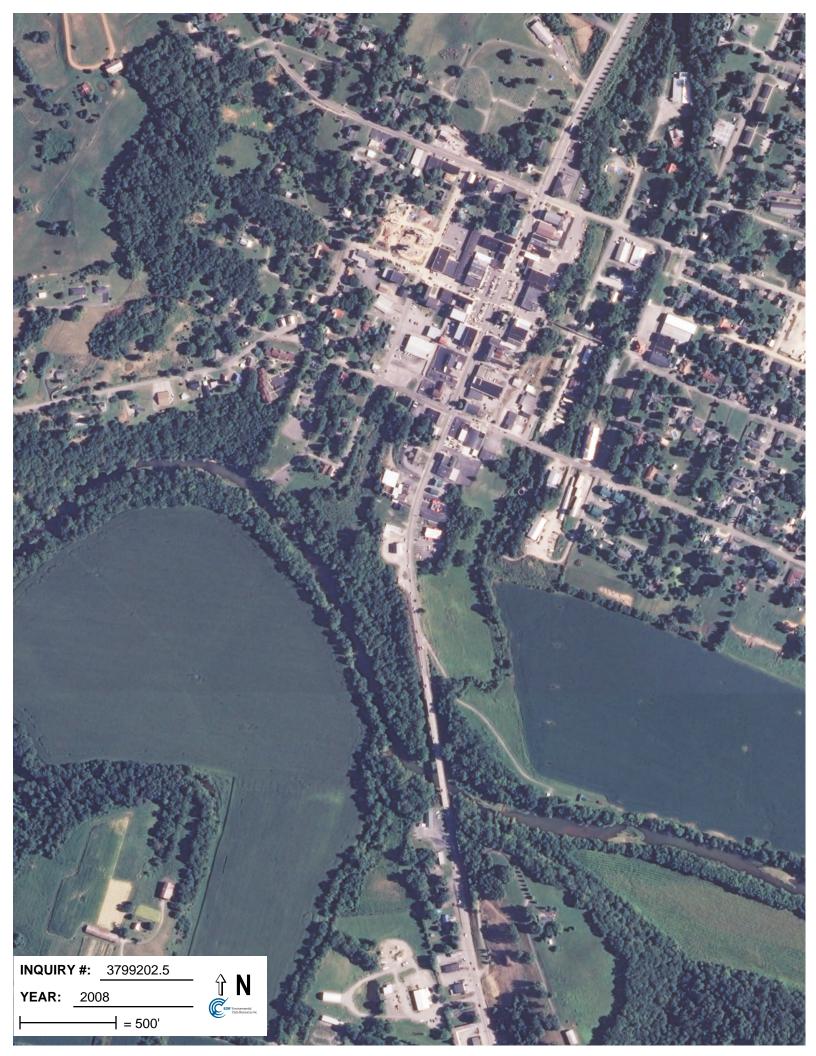












US 68 Greensburg, KY

216 South Main Street Greensburg, KY 42743

Inquiry Number: 3799202.4

December 02, 2013

EDR Historical Topographic Map Report



EDR Historical Topographic Map Report

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

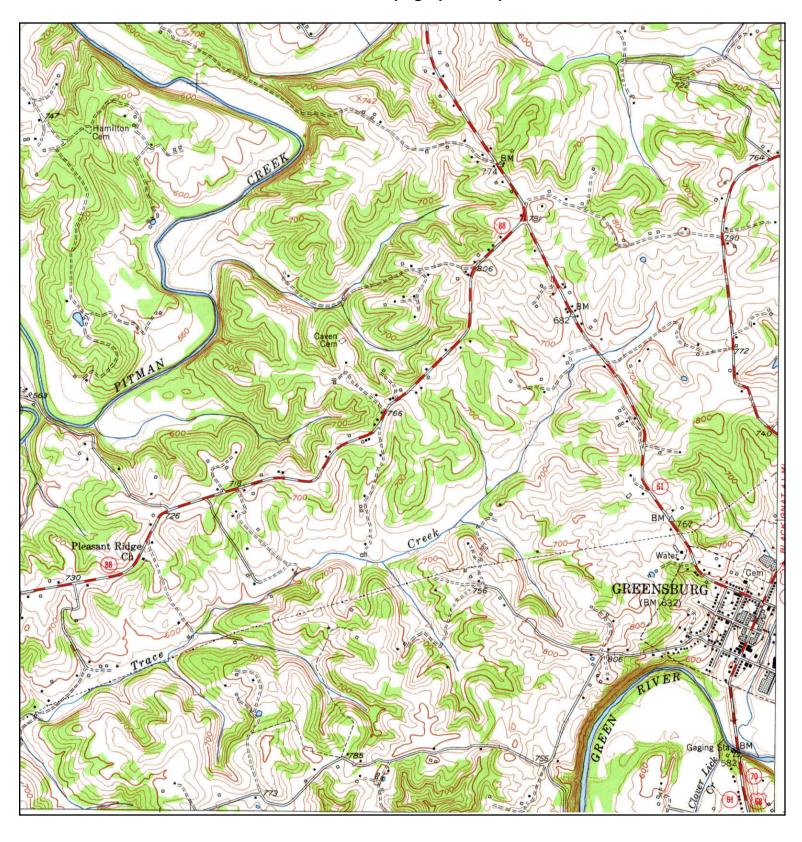
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TARGET QUAD

NAME: SUMMERSVILLE

MAP YEAR: 1953

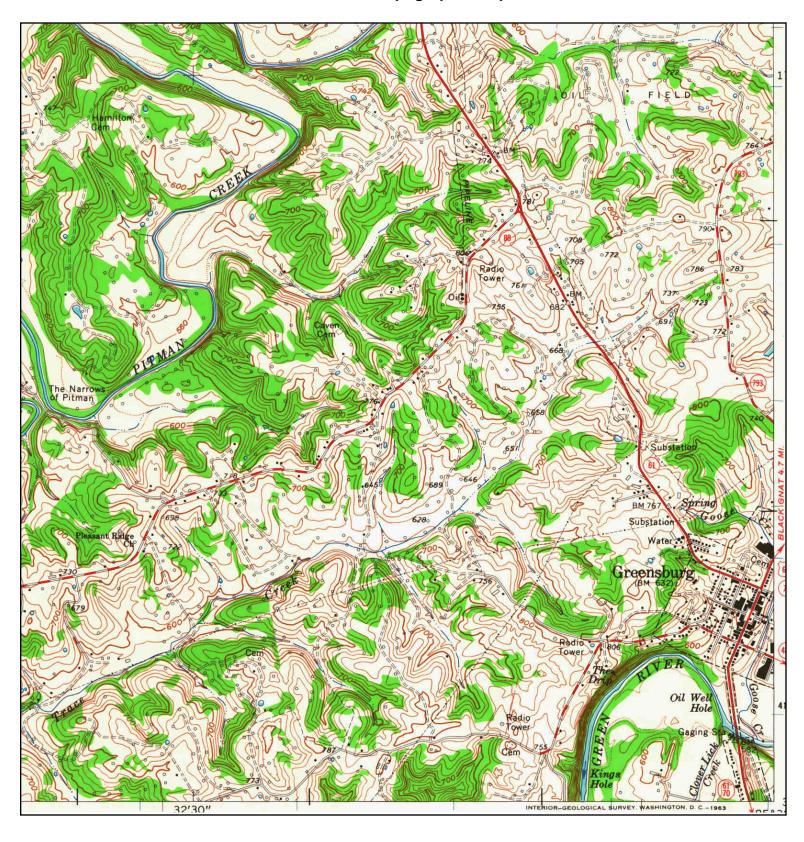
SERIES: 7.5 SCALE: 1:24000 SITE NAME: US 68 Greensburg, KY

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





TARGET QUAD

NAME: SUMMERSVILLE

MAP YEAR: 1961

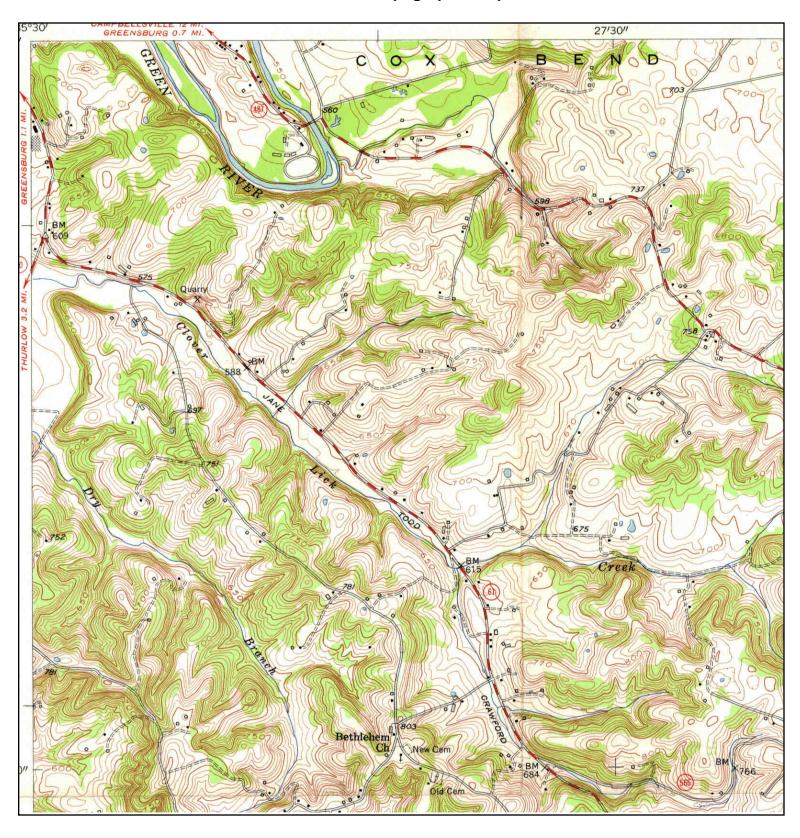
SERIES: 7.5 SCALE: 1:24000 SITE NAME: US 68 Greensburg, KY

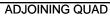
ADDRESS: 216 South Main Street Greensburg, KY 42743

LAT/LONG: 37.2575 / -85.5033

CLIENT: Palmer Engineering
CONTACT: Lee Carolan
INQUIRY#: 3799202.4

RESEARCH DATE: 12/02/2013





NAME: GRESHAM MAP YEAR: 1953

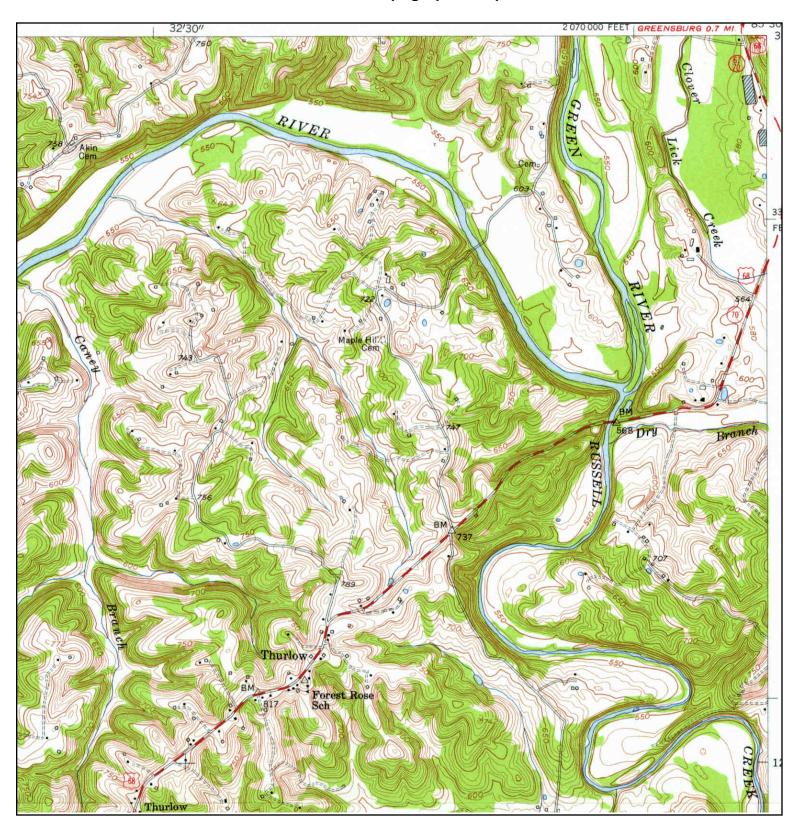
SERIES: 7.5 SCALE: 1:24000 SITE NAME: US 68 Greensburg, KY

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





ADJOINING QUAD NAME: EXIE

MAP YEAR: 1953

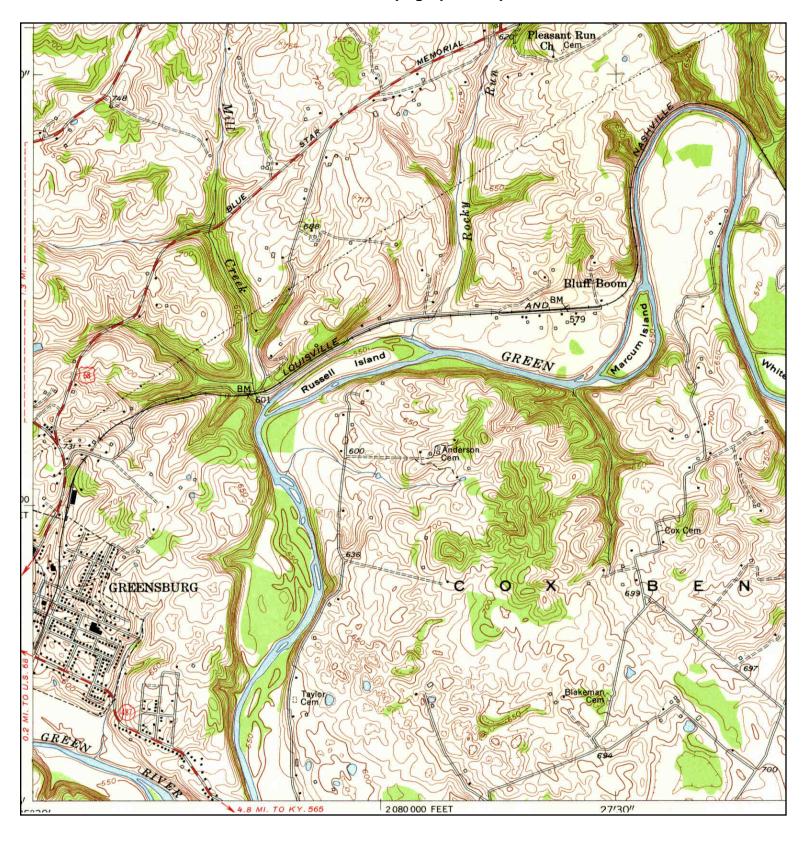
SERIES: 7.5 SCALE: 1:24000 SITE NAME: US 68 Greensburg, KY ADDRESS: 216 South Main Street

DRESS: 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





NAME: GREENSBURG

MAP YEAR: 1954

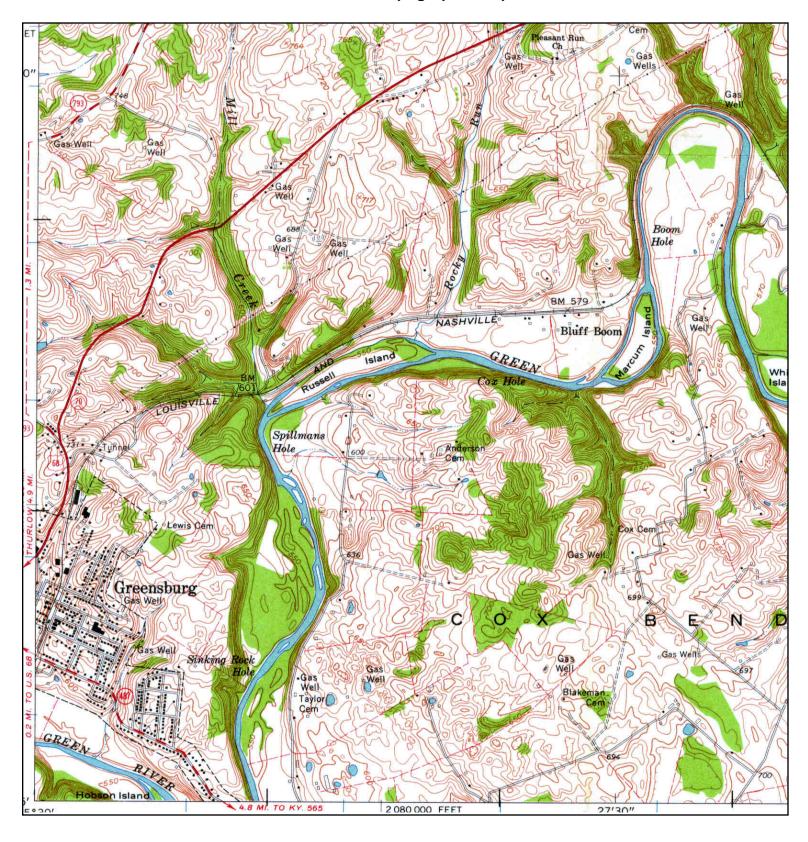
SERIES: 7.5 SCALE: 1:24000 SITE NAME: US 68 Greensburg, KY ADDRESS: 216 South Main Street

RESS: 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



ADJOINING QUAD

NAME: GREENSBURG

MAP YEAR: 1961

Ν

SERIES: 7.5 SCALE: 1:24000 SITE NAME: US 68 Greensburg, KY ADDRESS: 216 South Main Street

ESS: 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

US 68 Greensburg, KY

216 South Main Street Greensburg, KY 42743

Inquiry Number: 3799202.3

December 02, 2013

Certified Sanborn® Map Report



Certified Sanborn® Map Report

12/02/13

Site Name: Client Name:

US 68 Greensburg, KY 216 South Main Street Greensburg, KY 42743 Palmer Engineering 400 Shoppers Drive Winchester, KY 40392

EDR Inquiry # 3799202.3 Contact: Lee Carolan



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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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Sanborn Sheet Thumbnails

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1941 Source Sheets









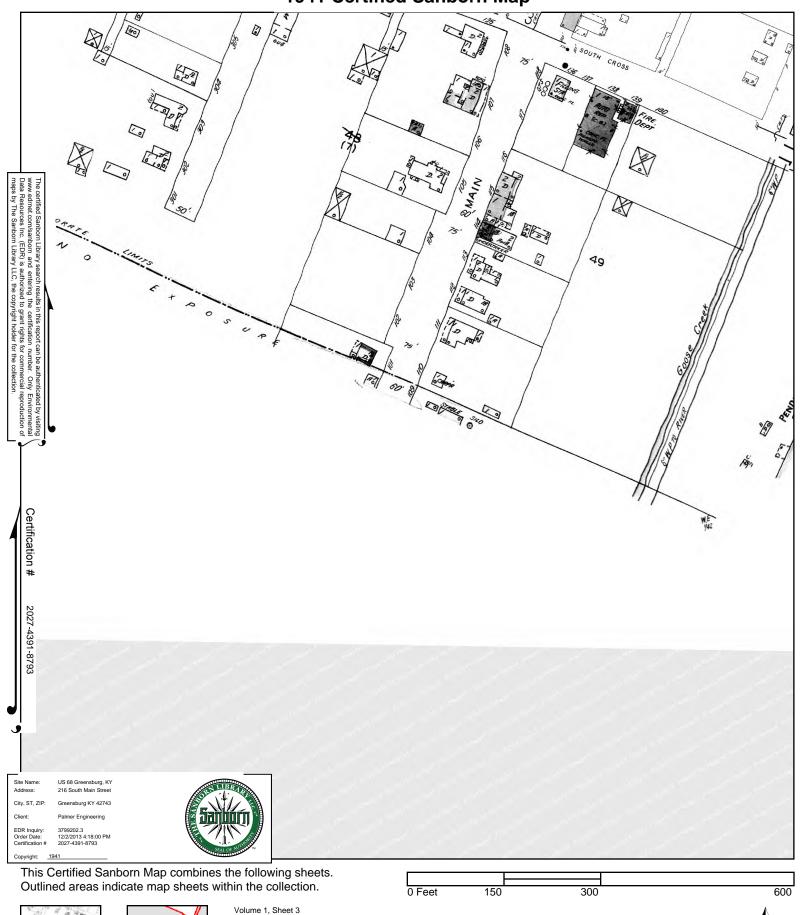
Volume 1, Sheet 3

Volume 1, Sheet 4

Volume 1, Sheet 3

Volume 1, Sheet 4

1941 Certified Sanborn Map







Volume 1, Sheet 4

Volume 1, Sheet 3 Volume 1, Sheet 4

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Appendix D

Environmental Justice Reviews

Environmental Justice Review

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

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.

Contents

| Introduction | 1 |
|---|----|
| What is Environmental Justice? | 2 |
| Methodology | 3 |
| Study Findings | 4 |
| Population by Persons of Racial Minority Origin | 4 |
| Chart 1: Racial Minority Population | 4 |
| Population by Persons of Hispanic or Latino Origin | 4 |
| Chart 2: Hispanic or Latino Origin Population | 5 |
| Population by Persons Age 65 Years and Older | 5 |
| Chart 3: Persons 65 and Older | 5 |
| Population by Persons below Poverty Level | 6 |
| Chart 4: Persons below Poverty Level | 6 |
| Disabled Members of the Non-Institutionalized Population | 6 |
| Chart 5: Disabled Members of the Non-Institutionalized Population | 7 |
| Conclusion | 8 |
| Appendices | 9 |
| Appendix A: Map of Study Area | 10 |
| Appendix B: Methodology from KYTC | 11 |
| Appendix C: U.S. Census Data Tables for Study Area | 13 |
| Statistics for Racial and Ethnic Minorities | 14 |
| Statistics for Age, Poverty, and Disabled Populations | 15 |
| Appendix D | 16 |
| | |

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 2008-2012 American Community Survey 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 2008-2012 ACS, it has a population of 10,074 persons. The county seat is Edmonton, and it serves as the major economic center for the county. The 2008-2012 American Community Survey reported the City of Edmonton of having a population of 1,462 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:

- To avoid, minimize, or mitigate disproportionately high and adverse human health or environmental effects, including social and economic effects, on minority populations and lowincome 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 Bureau 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 2008-2012 US Census Bureau American Community Survey including tables:

- o DP02
- o DP03
- o DP05

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 as 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).

3

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¹ (Ohio Department of Transportation, August 2002)

Study Findings

Population by Persons of Racial Minority Origin

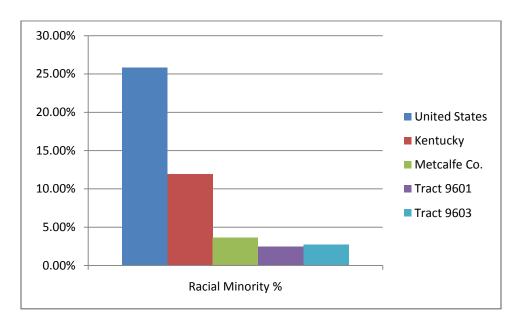


Chart 1: Racial Minority Population

Racial minorities in the United States make up 25.83% of the population, but in Kentucky that percentage drops significantly to just 11.91%. Metcalfe County displays an even lower percentage of racial minorities with only 3.64% being reported as racial minorities by the 2008-2012 American Community Survey. Census Tract (CT) 9601 has a minority population accounting for 2.42% of the CT's population which is significantly below the reference threshold. CT 9603 has a minority population that is, percentage wise, just below the reference threshold with 2.74% 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 3.02% of the population was reported as being of Hispanic or Latino origin on the 2008-2012 ACS. Metcalfe County has an even lower representation of Hispanic or Latino individuals with only 1.21% of the county's population indicating they belong to this ethnic minority. The 2008-2012 ACS reported that CT 9601 had 2.08% which is significantly above the reference threshold, and CT 9603 had 0.58% of the population being of Hispanic or Latino origin which is significantly below the reference threshold.

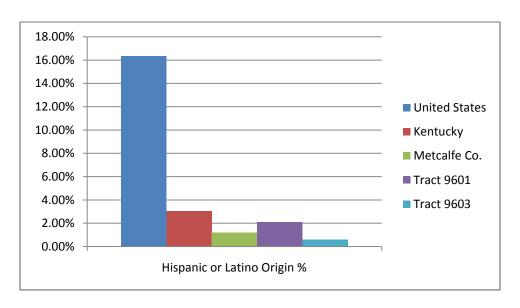


Chart 2: Hispanic or Latino Origin Population

Population by Persons Age 65 Years and Older

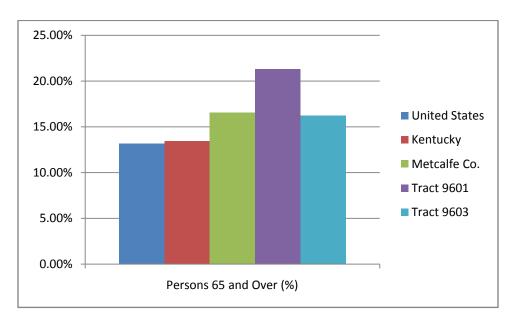


Chart 3: Persons 65 and Older

Metcalfe County has a much higher percentage (16.58%) of *Persons Age 65 Years and Older* than both the state (13.43%) and the U.S. (13.16%). Both CTs in the project area also have elevated percentages of elderly persons. CT 9601 is significantly above the reference threshold with 21.32% of persons being 65

years or older, and CT 9603 is just below the reference threshold with 16.20% of residents being 65 years or older.

Population by Persons below Poverty Level

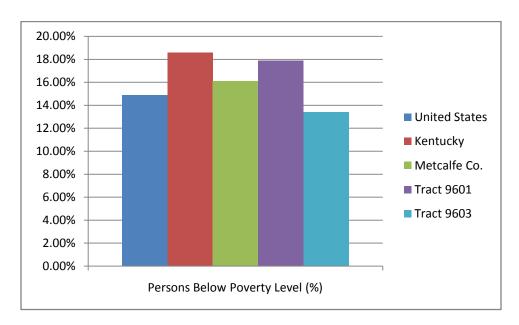


Chart 4: Persons below Poverty Level

The percentage of persons living below the poverty level in Kentucky (18.60%) is significantly higher than that of the United States (14.90%). Poverty levels in Metcalfe County are slightly lower than that of the state with 16.10% 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 17.90% 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 13.40% of residents living below the poverty level, which is just below the reference threshold.

Disabled Members of the Non-Institutionalized Population

According to 2008-2012 American Community Survey numbers, Kentucky had 16.74% percent of its population with some type of disability. This is considerably higher than the national percentage for disabled members of the non-institutionalized population (12.02%). In the same manner, Metcalfe County displays a higher percentage of disabled persons (20.69%) than does the state. 2008-2012 ACS data shows CT 9601 to have a percentage of disabled persons that is significantly above the reference

threshold (26.33%). CT 9603 has 17.68% of its population being reported as having a disability which is just below the reference threshold.

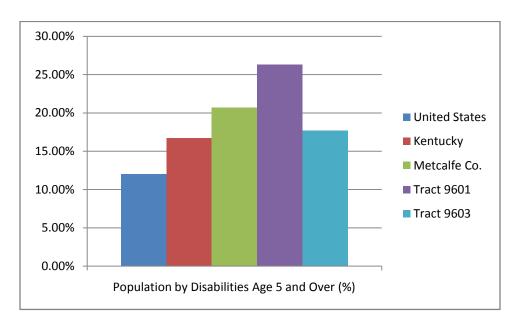


Chart 5: Disabled Members of the Non-Institutionalized Population

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 Census Tract 9603. Analysis of Census Tract 9601 shows an elevated percentage of ethnic minorities, elderly population, and disabled population located in this area. This Census Tract has an ethnic minority population percent that is 72% higher than the county overall. Census Tract 9601 also has a higher percentage of elderly citizens than does the county by 26%. The 2008-2012 American Community Survey also shows Census Tract 9601 to have a higher percentage of disabled individuals by 27%. These populations 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. These environmental justice populations might not be condensed to a particular location. Although the ethnic minority, elderly, and disabled populations are significantly above the reference 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.

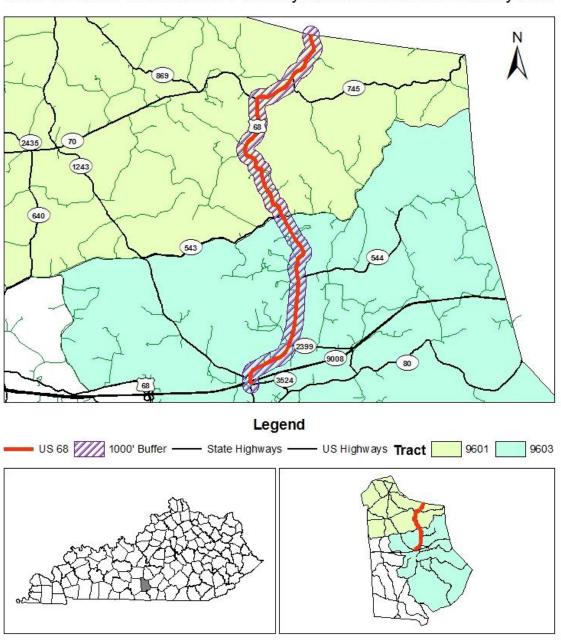
If applicable under the National Environmental Policy Act (NEPA), a more detailed analysis will be required when assessing the potential for adverse and disproportionate impacts to low-income and minority populations.

Appendices

Appendix A: Map of Study Area

Census Tract Boundaries in Project Area US 68 Scoping Study

Louie B. Nunn Cumberland Parkway to Metcalfe/Green County Line





Copyright 2013, Barren River Area Development District (BRADD). This map is created for general planning purposes ONLY. This map is not legally recorded, surveyed, or intended to be used for purposes other than generalized planning. Nor does it show all a spects or features of this particular area which may have changed over the years.

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 (%) |
|----------------------|------------|-------------------|------------|--|--|--|--|-------------|--------------------|
| | 309,138,71 | | | | | | | | |
| United States | 1 | 79,839,805 | 25.83% | 38,825,848 | 12.56% | 2,529,100 | 0.82% | 14,859,795 | 4.81% |
| Kentucky | 4,340,167 | 516,823 | 11.91% | 339,228 | 7.82% | 8,607 | 0.20% | 49,681 | 1.14% |
| Metcalfe Co. | 10,074 | 367 | 3.64% | 189 | 1.88% | 0 | 0.00% | 0 | 0.00% |
| Tract 9601 | 2,355 | 57 | 2.42% | 44 | 1.87% | 0 | 0.00% | 0 | 0.00% |
| Tract 9603 | 4,667 | 128 | 2.74% | 56 | 1.20% | 0 | 0.00% | 0 | 0.00% |

| | 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 (%)* |
|----------------------|------------|-----------------------------|---------------------------------|----------------------|-----------------------------|---|---|----------------------------------|--------------------------------------|
| | 309,138,71 | | | | | | | | |
| United States | 1 | 14,814,369 | 4.79% | 8,296,291 | 2.68% | 514,402 | 0.17% | 50,545,275 | 16.35% |
| Kentucky | 4,340,167 | 42,557 | 0.98% | 74,380 | 1.71% | 2,370 | 0.05% | 131,039 | 3.02% |
| Metcalfe Co. | 10,074 | 98 | 0.97% | 74 | 0.73% | 6 | 0.06% | 122 | 1.21% |
| Tract 9601 | 2,355 | 0 | 0.00% | 13 | 0.55% | 0 | 0.00% | 49 | 2.08% |
| Tract 9603 | 4,667 | 5 | 0.11% | 61 | 1.31% | 6 | 0.13% | 27 | 0.58% |

Source: US Census Bureau, 2008-2012 American Community Survey

Tables: DO02, DP03, & DP05

^{*}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 (%) | Persons Whose Income in the Past 12 Months is Below the Poverty Level |
|----------------------|-------------|------------------------|----------------------------|---|
| United States | 309,138,711 | 40,671,441 | 13.16% | 14.90% |
| Kentucky | 4,340,167 | 583,077 | 13.43% | 18.60% |
| Metcalfe Co. | 10,074 | 1,670 | 16.58% | 16.10% |
| Tract 9601 | 2,355 | 502 | 21.32% | 17.90% |
| Tract 9603 | 4,667 | 756 | 16.20% | 13.40% |

| | Total Civilian Non- institutionalized Population | Disabled Members of the Civilian Non- institutionalized Population | Population by Disabilities Age 5 and Over (%) |
|---------------|--|--|---|
| United States | 303,984,241 | 36,551,038 | 12.02% |
| Kentucky | 4,251,528 | 711,788 | 16.74% |
| Metcalfe Co. | 9,984 | 2,066 | 20.69% |
| Tract 9601 | 2,355 | 620 | 26.33% |
| Tract 9603 | 4,577 | 809 | 17.68% |

Source: US Census Bureau, 2008-2012 American Community Survey

Tables: DO02, DP03, & DP05

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%) | > 4.55% | | | |
| Just Above Threshold (100% - 125%) | 3.64% - 4.55% | | | |
| REFERENCE THRESHOLD (COUNTY PERCENTAGE) | 3.64% | | | |
| Just Below Threshold (75% - 100%) | 2.73%-3.64% | | | |
| Significantly Below Threshold (< 75%) | < 2.73% | | | |

Percent Hispanic or Latino Origin

| Analysis Range | Percent Minority | | | | |
|---|------------------|--|--|--|--|
| Significantly Above Threshold (> 125%) | > 1.51% | | | | |
| Just Above Threshold (100% - 125%) | 1.21% - 1.51% | | | | |
| REFERENCE THRESHOLD (COUNTY PERCENTAGE) | 1.21% | | | | |
| Just Below Threshold (75% - 100%) | 0.91% - 1.21 % | | | | |
| Significantly Below Threshold (< 75%) | < 0.91% | | | | |

Percent 65 and Older

| Analysis Range | Percent 65 and Older |
|---|----------------------|
| Significantly Above Threshold (> 125%) | > 20.72% |
| Just Above Threshold (100% - 125%) | 16.58% - 20.72% |
| REFERENCE THRESHOLD (COUNTY PERCENTAGE) | 16.58% |
| Lust Dalam Three hald (750/ 1000/) | 40 400/ 46 500/ |
| Just Below Threshold (75% - 100%) | 12.43% - 16.58% |

Percent Below Poverty

| Analysis Range | Percent Below Poverty |
|---|-----------------------|
| Significantly Above Threshold (> 125%) | > 20.13% |
| Just Above Threshold (100% - 125%) | 16.10% - 20.13% |
| REFERENCE THRESHOLD (COUNTY PERCENTAGE) | 16.10% |
| Just Below Threshold (75% - 100%) | 12.08% - 16.10% |
| Significantly Below Threshold (< 75%) | < 12.08% |

Percent Disabilities Age 5 and Over

Percent Disabilities Age 5 and

Analysis Range

Over

| Significantly Above Threshold (> 125%) | > 25.87% |
|---|------------------|
| Just Above Threshold (100% - 125%) | 20.69% - 25.87% |
| REFERENCE THRESHOLD (COUNTY PERCENTAGE) | 20.69% |
| Just Below Threshold (75% - 100%) | 15.52% - 20.69 % |
| Significantly Below Threshold (< 75%) | <15.52% |

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.

Contents

| Introduction | 1 |
|---|----|
| What is Environmental Justice? | 2 |
| What is Methodology | 3 |
| Study Findings | 4 |
| Population by Persons of Racial Minority Origin | 4 |
| Chart 1: Racial Minority Population | 4 |
| Population by Persons of Hispanic or Latino Origin | 4 |
| Chart 2: Hispanic or Latino Origin Population | 5 |
| Population by Persons Age 65 Years and Older | 5 |
| Chart 3: Persons 65 and Older | 5 |
| Population by Persons below Poverty Level | 6 |
| Chart 4: Persons below Poverty Level | 6 |
| Population by Disabilities Age 5 and Over | 6 |
| Chart 5: Population by Disabilities Age 5 and Over | 7 |
| Conclusion | 8 |
| Appendices | 9 |
| Appendix A: Maps of Study Area | 10 |
| Appendix B: Methodology from KYTC | 12 |
| Appendix C: U.S. Census Data Tables for Study Area | 14 |
| Statistics for Racial and Ethnic Minorities | 14 |
| Statistics for Age, Poverty, and Disabled Populations | 15 |
| Annendix D Threshold Analysis | 16 |

Introduction

This report presents an overview of the findings for selected socioeconomic characteristics in the US 68 planning study area from the Metcalfe County-Green County border to KY 61. 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 Green County, beginning at the Metcalfe/Green County Border continuing along US 68 to the intersection of KY 61 in the northern 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

o DP-1: Profile of General Population and Housing Characteristics

o S0101: Age and Sex

2007-2011 American Community Survey 5-Year Estimates

o 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).

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¹ (Ohio Department of Transportation, August 2002)

Study Findings

Population by Persons of Racial Minority Origin

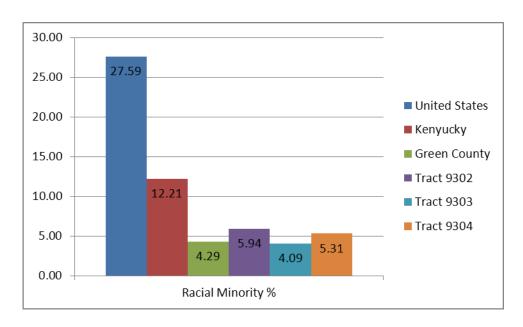


Chart 1: Racial Minority Population

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.

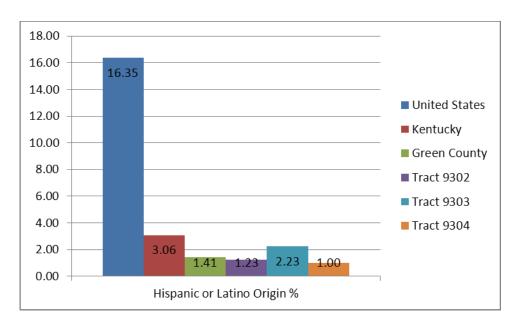


Chart 2: Hispanic or Latino Origin Population

Population by Persons Age 65 Years and Older

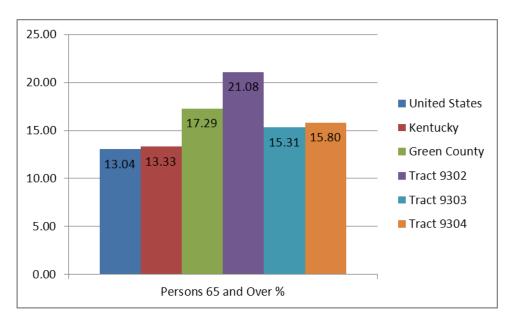


Chart 3: Persons 65 and Older

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 south central 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

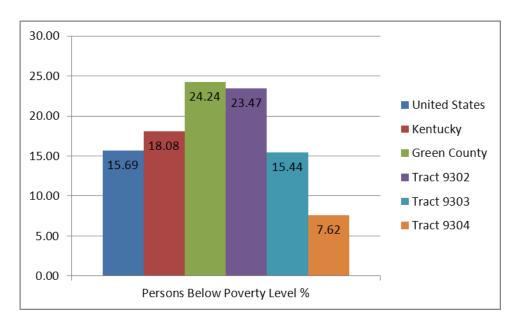


Chart 4: Persons below Poverty Level

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.

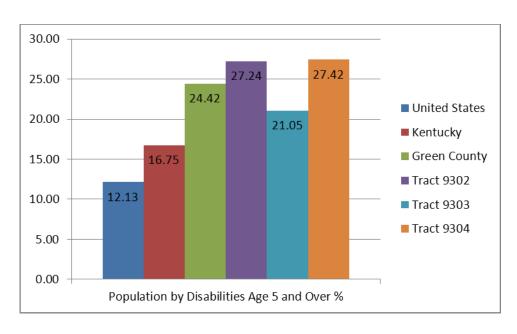


Chart 5: Population by Disabilities Age 5 and Over

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.

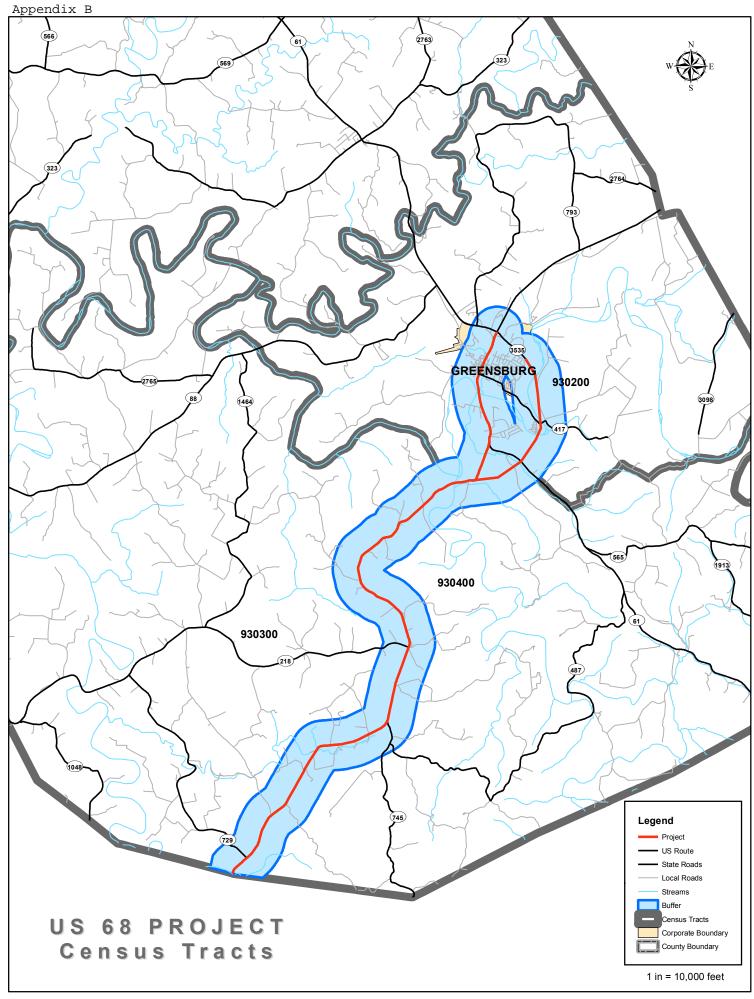
Analysis of the minority and Hispanic or Latino population data showed several of the block groups as having an identified concentration of some sort. Some were significant, some were only minor. The more significant concentrations identified were noted in the narrative analysis. All areas within this 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



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

| | | Minorit | | BLACK OR AI AMERICAN A | | AMERICAN II AND ALAS NATIVE AL | SKA | ASIAN ALC | DNE | NATIV HAWAIIAN OTHER PA ISLAND ALON | I AND CIFIC ER | SOME OTH | | TWO OR M | - | HISPANIC LATINO OF | - |
|----------------------|---------------------|----------|-------|---------------------------|-------|--------------------------------------|------|------------|------|---|----------------------|------------|------|-----------|------|-----------------------|-------|
| 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 E POVERTY | | 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%) | 4.29% 2.45% - 4.29% |

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 E

Public Meeting Summaries



Meeting Summary

TO:

Srinivasa Gutti, P.E. Jeff
Co-Project Manager CoKYTC Central Office Planning KY
200 More Street 900

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



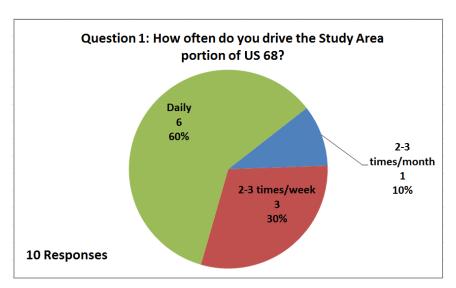
This was the first of two early public meetings with the second to be held in Greensburg the following night. The same information was presented at each location. The meeting was held in an open house format, with a formal presentation at 5:15 pm to explain the project. Attendees were asked to sign in 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

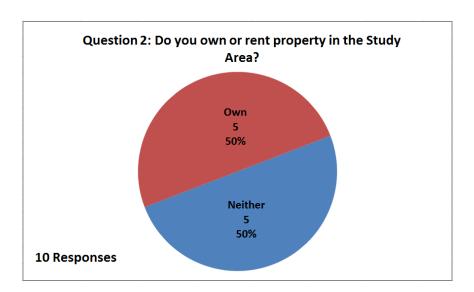
Public meeting attendees were given the option to either fill out their questionnaire at the meeting or return it by mail after the meeting. (An online version of the questionnaire was also made available and the results are summarized in a separate document.) A total of 10 questionnaires were returned 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.

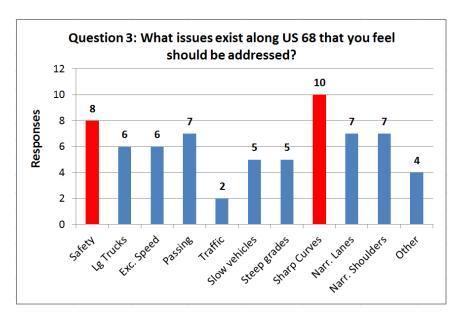


b. Question 2 asked if the attendees own or rent/lease property within the study area. Of the 10 responses, half indicated they own property within the study area and half neither owned nor rented property in the study area.



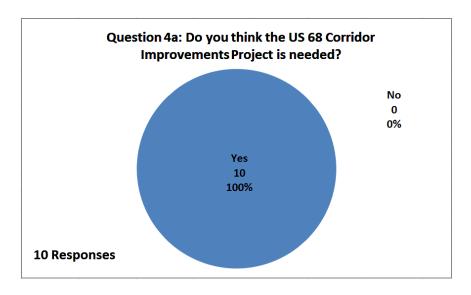


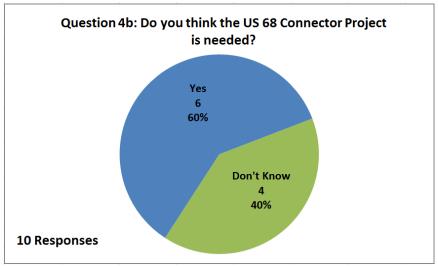
c. Attendees were asked whether several transportation issues along US 68 should be considered as part of the project. Of the 10 options provided, sharp curves (10 responses) and safety (8 responses) were selected most. Few passing opportunities, narrow lanes, and narrow shoulders each received five 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.

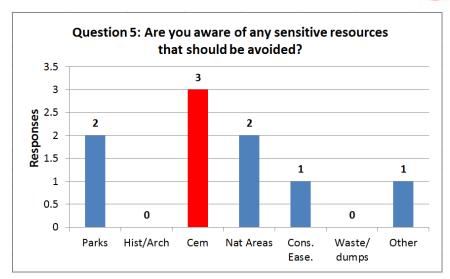




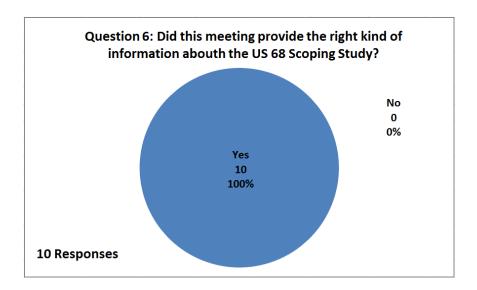


e. Attendees were asked if they were aware of any sensitive environmental resources that should be avoided should the projects move forward. Responses included parks, specifically Wyatt-Jeffries Woods in Green County, and multiple cemeteries. The presence of caves throughout the study area was also mentioned.



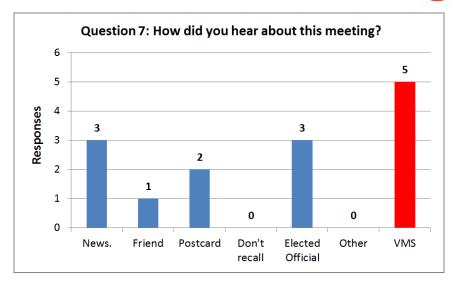


f. Question #6 asked if the attendees felt the appropriate type of information was provided at the meeting. All respondents indicated the right kind of information was shared.



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
Co-Project Manager Co-Project
KYTC Central Office Planning
WYTC Dist
Co-Project
KYTC Dist
Co-Project
KYTC Dist
Co-Project

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 #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 Glenn Hardin Stantec Consulting Services Inc. Stantec Consulting Services Inc.

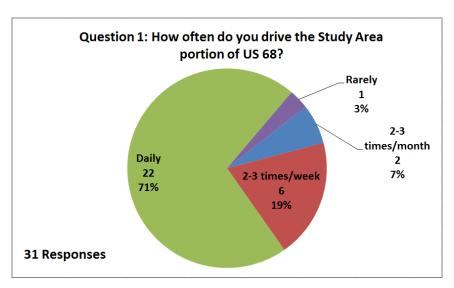
This was the second of two early public meetings with the first held the night before in Sulphur Well (Metcalfe County). The same information was presented at each location. The meeting was held in an open house format, with a formal presentation at 5:15 pm to explain the project. Attendees were asked 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

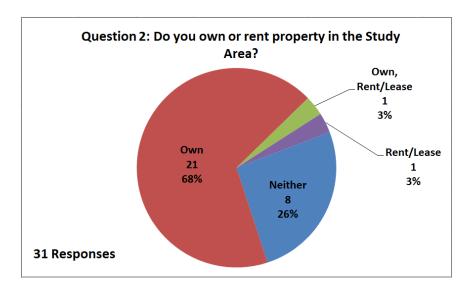
Public meeting attendees were given the option to either fill out their questionnaire at the meeting or return it by mail after the meeting. (An online version of the questionnaire was also made available and the results are summarized in a separate document.) A total of 31 questionnaires were returned 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.

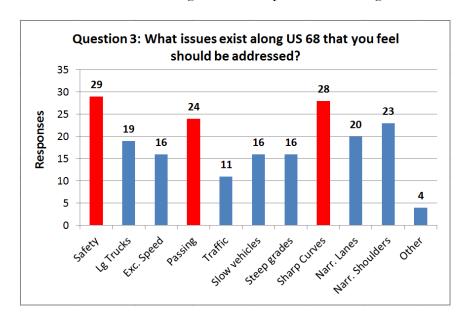




b. Question 2 asked if the attendees own or rent/lease property within the study area. Of the 31 responses, 21 (68 percent) indicated they own property within the study area. About one quarter (8 responses, 26 percent) indicated they neither owned nor rented property in the study area.



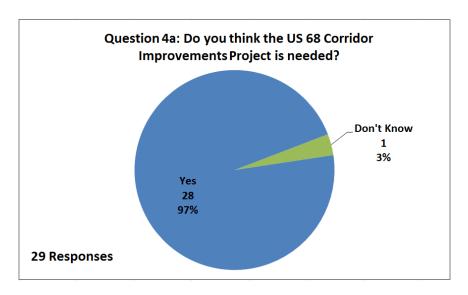
c. Attendees were asked whether several transportation issues along US 68 should be considered as part of the project. Of the 10 options provided, safety (29 responses), sharp curves (28 responses), and few passing opportunities (24 responses) were selected most. Other issues that were mentioned include narrow bridges and areas prone to flooding.

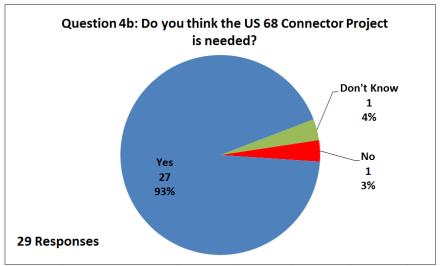


d. Attendees were asked if they felt the US 68 Corridor Project and the US 68 Connector Project are needed. Twenty-eight respondents (97 percent)



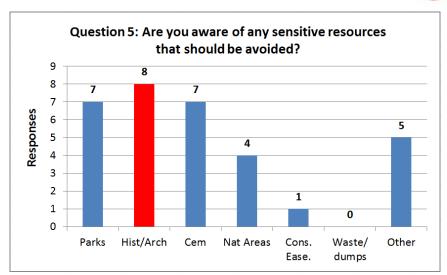
indicated the US 68 Corridor project is needed with the remaining response (three percent) indicating they did not know if it is needed. Twenty-seven respondents (93 percent) indicated the US 68 Connector is needed.



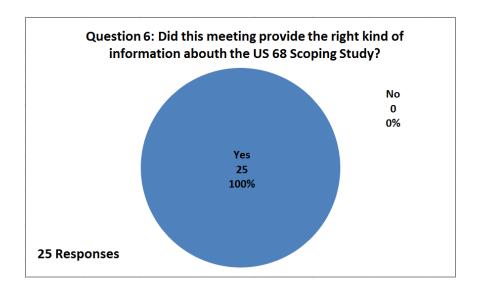


e. Attendees were asked if they were aware of any sensitive environmental resources that should be avoided should the projects move forward. Responses included multiple cemeteries, parks, and mentions of known historic properties, such as the Vaughan House.



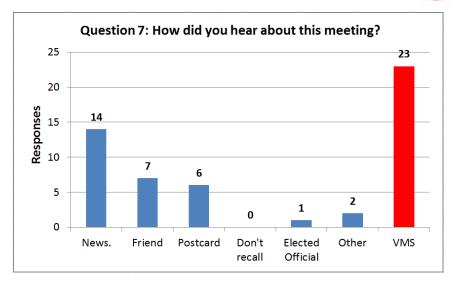


f. Question #6 asked if the attendees felt the appropriate type of information was provided at the meeting. All respondents indicated the right kind of information was shared.



g. The final question on the survey asked how respondents had learned about the public meeting. The 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.





The meeting ended at approximately 7:00 p.m. CST.