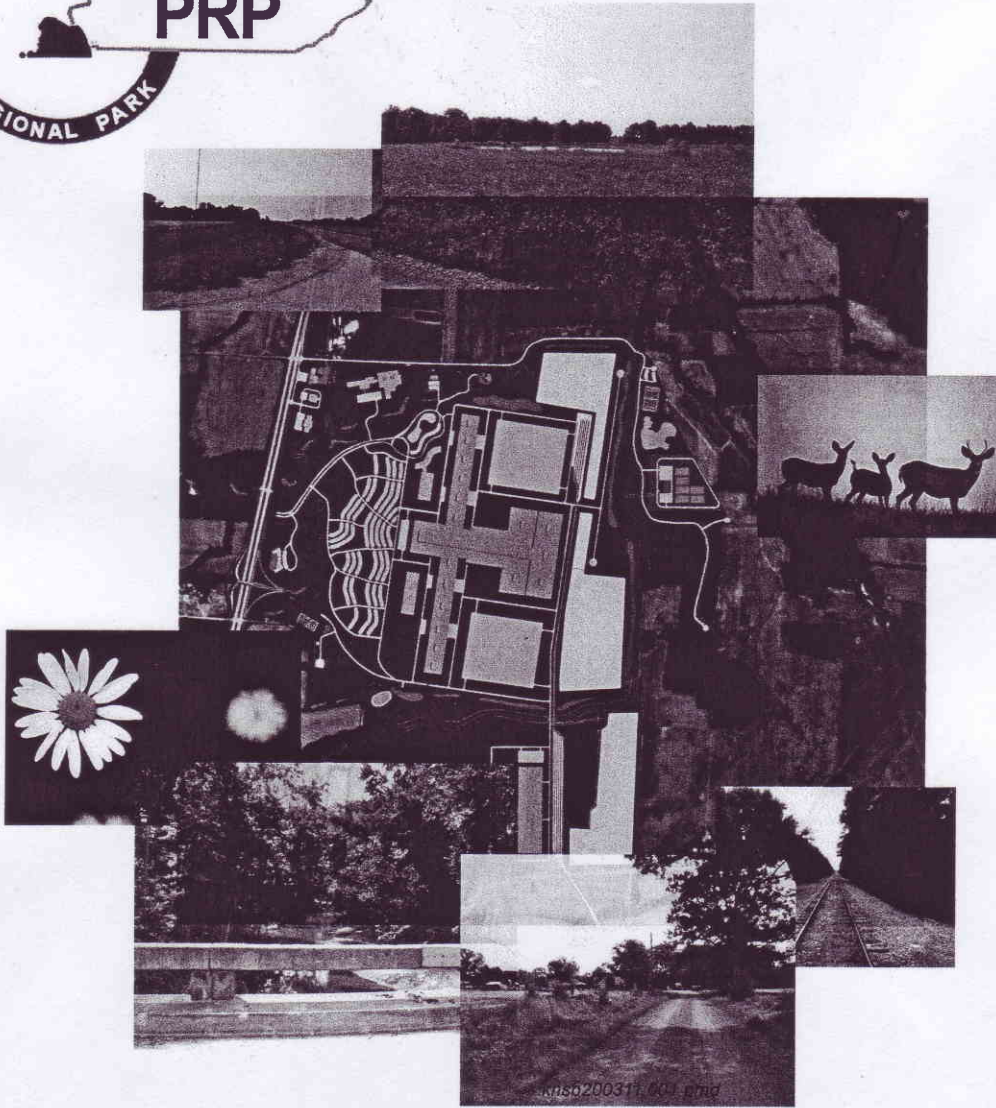


Purchase Regional Park

for

Purchase Area Regional Industrial Authority



Phase I Environmental Site Assessment - South Property

July 1, 2005



The Purchase Area Regional Industrial Authority

Phase I Environmental Site Assessment

For

The Purchase Regional Park

South Section

Folsomdale, Kentucky

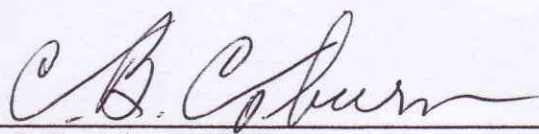
July 1, 2005

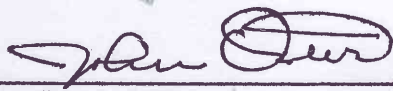
PHASE I ENVIRONMENTAL SITE ASSESSMENT

For

The Purchase Area Regional Industrial Authority (PARIA)

Project No. 090-018400.06

PREPARED BY: 
C. B. Coburn, Ph.D.

REVIEWED BY 
John Oster, MS

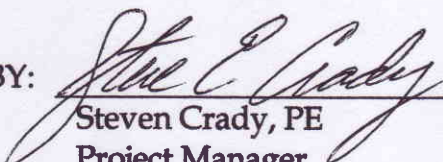
APPROVED BY: 
Steven Crady, PE
Project Manager

Table of Contents

1. Executive Summary	1-1
2. Introduction	2-1
2.1 Purpose	2-1
2.2 Significant Assumptions.....	2-1
2.3 Limitations and Exceptions.....	2-1
2.4 Special Terms and Conditions.....	2-1
2.5 User Reliance.....	2-2
3. Site Description.....	3-1
3.1 Location and Legal Description	3-1
3.2 Site and Vicinity Characteristics.....	3-1
3.3 Description of Structures, Roads, Other Improvements on the Site.....	3-1
3.4 Current Uses of the "property"	3-2
3.5 Current uses of Adjoining properties.....	3-2
4. User Provided Information	4-1
4.1 Title Records.....	4-1
4.2 Environmental Liens or Activity and Use Limitations	4-1
4.3 Specialized Knowledge.....	4-1
4.4 Valuation Reduction for Environmental Issues	4-1
4.5 Owner Property Manager and Occupant Information.....	4-3
4.6 Reason for Performing Phase I.....	4-4
5. Records Review	5-4
5.1 Standard Environmental Record Sources	5-4
5.2 Additional Environmental Record Sources.....	5-5

5.3	Historical Use Information on the Property	5-6
5.4	Historical Use Information on Adjoining Properties	5-11
6.	Site Reconnaissance.....	6-1
6.1	Methodology and Limiting Conditions	6-1
6.2	General Site Setting	6-1
6.3	Observations of parcels	6-1
6.4	Interior Observations	6-3
7.	Interviews.....	7-1
7.1	Interview with Owner and Neighbors	7-1
7.2	Interview with Site Manager	7-3
7.3	Interview with Occupants	7-3
7.4	Interviews of Local Government Officials.....	7-3
7.5	Interviews with Others	7-5
8.	Findings	8-1
9.	OpinionS.....	9-1
10.	Conclusions.....	10-1
11.	Deviations.....	11-1
12.	Additional Services	12-1
13.	References.....	13-1
14.	Signature of Environmental Professional	14-3
15.	Qualifications of Environmental Professional.....	14-3
16.	Appendices.....	16-1
16.1	Site Maps.....	16-2
16.2	Site Plan.....	16-3

16.3 16.3 Site Photographs..... 16-4

16.4 Historical Research Documentation (Aerial Photographs, Historical Map,
Property Records, Etc.) 16-15

16.5 Regulatory Records Documentation..... 16-31

1. EXECUTIVE SUMMARY

A Phase I Environmental Site Assessment was performed for the Purchase Area Regional Park Authority (PARIA) for a property located adjacent to Folsomdale, Kentucky. This property comprises a total of 14 contiguous parcels that total approximately 1,300 acres and will be referred to as the "property".

The objective of the Phase I Environmental Site Assessment (ESA) was to identify the environmental risks associated with the "property" regarding contamination due to petroleum products and/or hazardous materials.

The results of the ESA are as follows.

- Based on record reviews there are a total of eight registered underground storage tanks (UST) located within 2.0 miles of the "property". It is Lockwood Greene's opinion that potential releases from these tanks will not impact the "property".
- The "property" is not located near dumps, landfills, or heavy industrial sites that have the potential to impact the "property" with hazardous materials and/or petroleum products.
- The major portion of the "property" has been agricultural or undeveloped since 1880. However, approximately 1,500 acres within and adjacent to the "property" were used as an anti-aircraft shell loading plant operated by the National Wireworks Company for the Navy from May 1942 through August 1945. It is Lockwood Greene's opinion that there are no hazardous "...recognized environmental conditions" as a result of the plant.
- It is Lockwood Greene's opinion that a power transformer be examined by qualified personnel to determine its age and potential for containing hazardous materials such as PCBs. If it contains hazardous materials, it should be removed and disposed of by qualified personnel in an approved manner.
- It is Lockwood Greene's opinion that there are no other "...recognized environmental conditions" requiring further testing to determine risk regarding contamination due to the potential release of petroleum products and/or hazardous materials.

2. INTRODUCTION

The "property" is located east of Folsomdale and West Viola in Graves County, Kentucky. The "property" has 11 owners and is mainly agricultural with cultivated crops, roadways, drainage ditches, and abandoned infrastructures from the National Fireworks shell loading plant. In accordance with PARIA signed proposal (Engineering Consulting Services), Lockwood Greene (LG) is to conduct a Phase I Environmental Site Assessment of the "property".

2.1 PURPOSE

The purpose of this site assessment is to identify, to the extent feasible (pursuant to the ASTM Standard Practice for Environmental Site Assessments, Designation E1527-00), recognized environmental conditions (RECs) in connection with the "property".

2.2 SIGNIFICANT ASSUMPTIONS

To conduct this environmental assessment of the "property" according to ASTM Standard E1527-00, no further significant assumptions are required.

2.3 LIMITATIONS AND EXCEPTIONS

No environmental site assessment can wholly eliminate uncertainty regarding the potential for "...recognized environmental conditions" in connection with a property. This environmental assessment conducted by Lockwood Greene is intended to reduce, but not eliminate, uncertainty regarding the potential for recognized environmental conditions in connection with the "property".

2.4 SPECIAL TERMS AND CONDITIONS

A. Recognized Environmental Conditions (RECs)

Recognized Environmental Conditions are the presence, or likely presence, of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include "...de minimis conditions" that generally do not present a material risk of harm to public health or the

environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

B. Innocent Land Owner Defense

Defense to CERCLA (Superfund) liability provided in 42 USC § 9601(35) and § 9607(b)(3). One of the requirements to qualify for this defense is that the party make "...all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice."

2.5 USER RELIANCE

Use of this Environmental Phase I Assessment includes without limitation, PARIA, or other successors-in-title, and their agents, assigns, and lenders.

3. SITE DESCRIPTION

3.1 LOCATION AND LEGAL DESCRIPTION

The "property" includes approximately 1,300-acres and in general is bordered by: State Route 1241, Folsomdale, and West Viola to the west; Illinois Central Railroad and Mayfield Creek to the east; State Route 849 to the north, and Olden Road to the south. For site location see Site Maps, Appendix 16.1)

The "property" is owned by 11 parties and includes 14 contiguous parcels. All the parcels included in the "property" are located in Graves County, Township 5 North and Range 1 East. The legal description of the "property" is not available for this environmental assessment. LG has contracted with GeoTech Engineering and Testing, Inc. to determine the property lines and will be published in a separate document simultaneous to this investigation.

3.2 SITE AND VICINITY CHARACTERISTICS

The "property" topography can be characterized as nearly level grade with 0% to 3% slope. Based on the 1993 USGS topographic map, the elevation across the "property" varies from roughly 380 to 430 feet above sea level. For site USGS map see Site Maps, Appendix 16.1). The "property" includes approximately 250 acres of forest, 8,600 feet of Mayfield Creek running along the eastern border, 7,000 feet of Carney Creek crossing the northwest quadrant, four other unnamed creeks totaling approximately 15,000 feet in length located across the "property", and approximately 1,050 acres of cultivated land. There are no homes or farmsteads on the "property".

The "property" is divided into 14 parcels designated with a single letter on the Site Plan in Appendix Section 16.2. Storm water is discharged from the "property" to Mayfield Creek via Carney Creek and four other unnamed first and second order streams. Typically storm water flows across the "property" in a northeast direction. Approximately 10% of the "property" is located inside the 100-year floodplain. For typical "property" characteristics, see site photographs in Appendix Section 16.3.

3.3 DESCRIPTION OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON THE SITE

The historic and present use of the "property" is mostly cultivated farmland. The public roads used to access the "property" include State Route 849, State Route 1241, Olden Road, Old Plant Road, and McGee Road. Whittemore Road bisects the "property" in a north-south direction.

There are no homes on the "property". Farm structures are limited to a grain silo and three unused livestock barns. One of these uses a converted National Fireworks shell loading plant building and the other two use foundations of plant buildings.

3.4 CURRENT USES OF THE "PROPERTY"

The major use of the "property" is corn, soybean, and tobacco production. The owner-manager live elsewhere in the neighborhood

3.5 CURRENT USES OF ADJOINING PROPERTIES

The north adjacent property is mostly agricultural and was subjected to an ASTM study in 2003 (ASTM 2003). To the northwest corner is the village of Folsomdale. To the southwest corner is the village of West Viola. Land use to the south is primarily row crop agriculture and housing. Most of the land to the east is in row crop agriculture. The land to the east of Mayfield Creek is hilly and the major land use is a variety of agriculture.

Nearby are the following activities of interest.

- Folsomdale and West Viola are rural "bedroom communities" and have only convenience store and home operated businesses. These communities do not produce or release solid, liquid, or gaseous wastes of a hazardous nature. Loosely associated with these are residential houses and assortments of associated outbuildings on the west and south sides of the "property".
- A solid waste recycler (Bens Recycling) is located approximately two miles north at the State Route 45 and East Baldree Road intersection.
- The property on the north side of State Route 849 and the east side of Mayfield Creek was a former concrete plant that manufactured sewer pipe, manholes, septic tanks, and coffin vaults. This facility appears to have been closed down for about 50 years. However, that property is occupied by an assortment of equipment ranging from abandoned, dilapidated, to used conditions.

4. USER PROVIDED INFORMATION

4.1 TITLE RECORDS

Lockwood Greene has reviewed the Deeds for all "property" parcels. All title information was obtained from the Graves County Clerk, located in Mayfield, Kentucky.

Property deed information is presented in the Table on the following page for each of the parcels that make up the "property". The parcels are listed in alphabetical order by owner's surname and each includes: site map #, tax map #, number of acres, deed volume/page, and the date the deed was registered by the Graves County Clerk.

Lockwood Greene conducted a cursory title search to determine ownership and general land use information spanning 50 years. The unofficial title search is in Appendix Section 16.4. The information in these titles do not address uses associated with rentals or leases, however, they do indicate personal and agricultural use. The title information does not include lease activities associated with the National Fireworks shell loading plant because it ended activities 60 years ago.

4.2 ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

Based on the deeds reviewed in the table above, no environmental liens have been identified. Additionally, no activity or use limitations were identified due to environmental contamination.

4.3 SPECIALIZED KNOWLEDGE

Neither Users nor PARIA have provided Lockwood Greene with any specialized knowledge of the "property".

4.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

Neither Users nor PARIA have knowledge that the purchase price of the "property" is significantly less than comparable properties due to environmental issues.

4.5 OWNER PROPERTY MANAGER AND OCCUPANT INFORMATION

A. Property Owners

Owner	Address	City	State	Zip
Wagner, Michael A. and Kerry	52 Maines Lane	Boaz	KY	42027
Green, William H. and Mildred	6380 State Route 1241	Hickory	KY	42051
Leonard, David and Lunele	880 Liberty Church Road	Hickory	KY	42051
Leonard, Terry and Sandra	98 Pittman Road E	Boaz	KY	42027
Marshall, William Keith, et al	P. O. Box	East Prairie	MO	63845
Linda Bisher	3265 State Route 1241	Hickory	KY	42051
Nall, Robert (Mary Murphy Nall)	1517 West Broadway	Mayfield	KY	42066
Terry, Steven and Regenia	2932 SR 849W	Melber	KY	
Thurston, Kenneth	5536 SR 1241	Hickory	KY	42051
Thurston, Ricky	1553 SR 849E	Boaz	KY	42027
Torian, Carl	2338 South 25 th Street	Paducah	KY	42001
Wilson, Gary B. and Ronnie E	431 East Tucker Road	Mayfield	KY	42066

B. Property Manager

The owners listed above manage property parcels with the exception of two properties. The William Keith Marshall et al. property is managed by Mr. Davidson for Fancy Farms as a rental. Mr. Steven Terry was the previous manager for that property. Mr. Terry Leonard manages Mr. David Leonard's property while the latter is ill.

C. Occupants

There are no occupants located on the "property".

4.6 REASON FOR PERFORMING PHASE I

The purpose of the Phase I Environmental Site Assessment is to conduct appropriate environmental due diligence prior to purchasing this "property". The user also plans to make this assessment available to government funding institutions, financial institutions, insurance companies, etc.

5. RECORDS REVIEW

5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

Lockwood Greene subcontracted FirstSearch Technology Corporation (FirstSearch) in 2005 and Environmental Data Resources, Inc. (EDR) in 2003 to search government records sources to help identify recognized environmental conditions in connection with the "property".

Some of the records reviewed pertain not just to the "property", but also pertain to properties within an additional minimum search distance in order to assess the likelihood of problems from migration of hazardous substances or petroleum products.

The standard environmental record sources and search distance reviewed by FirstSearch and EDR are as follows:

Records	Approximate Minimum Search Distance, Miles
Federal NPL site list	3.0
Federal CERCLIS list	3.0
Federal CERCLIS NFRAP site list	3.0
Federal RCRA CORRACTS facilities list	3.0
Federal RCRA non-CORRACTS TSD facilities list	3.0
Federal RCRA generators list	3.0
Federal ERNS list	3.0
State lists of hazardous waste sites identified for investigation or remediation:	3.0
State-equivalent NPL (HSI)	3.0
State-equivalent CERCLIS (Non-HSI)	3.0

Records	Approximate Minimum Search Distance, Miles
State landfill and/or solid waste disposal site lists	3.0
State leaking UST lists	3.0
State registered UST lists	3.0

5.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

The following additional environmental record sources were reviewed by FirstSearch or Lockwood Greene in 2005:

Federal ASTM Supplemental

CONSENT	Superfund (CERCLA) Consent degrees
ROD.....	Records of Decision
Delisted NPL.....	National Priorities List Deletions
HMIRS	Hazardous Materials Information Reporting System
MLTS.....	Material Licensing Tracking
MINES.....	Mines Master Index File
NPL Liens.....	Federal Superfund Liens
PADS.....	PCB Activity Database System
DOD	Department of Defense Sites
RAATS.....	RCRA Administrative Action Tracking System
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
SSTS.....	Section 7 Tracking Systems
FTTS	FIFRA/TSCA Tracking System – FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act)/TSCA (Toxic Substances Control Act)

State or Local ASTM Supplement

SB193.....	UST closure with known contamination
Inst Control	Closed site inventory that are managed or contained
VCP	Voluntary Cleanup Program, inventory of sites

EDR Proprietary Historical Databases

Coal Gas.....Former Manufactured Gas (Coal Gas) Sites

5.3 HISTORICAL USE INFORMATION ON THE PROPERTY

The following standard historical sources were consulted to develop a history of the previous uses of the "property" and surrounding area.

- ◆ Aerial photographs
- ◆ Property tax files
- ◆ Recorded land title records
- ◆ Recorded history of Graves County
- ◆ USGS 7.5 minute topographic map
- ◆ National Wetland Inventory map
- ◆ 1953 Road map
- ◆ 1863 Civil War map
- ◆ 1880 D. J. Lake & Company map

- ◆ Aerial Photographs

Aerial photographic information covers the time span from 1955 to 2005. A summary of the findings are presented below.

1955 On-Site Observations: 80% farmland, 20% trees and stream banks, remains of infrastructure for Viola Ammunition Plant.

North Adjacent: State Route 849 and Farmland.

South Adjacent: Farmland.

East Adjacent: Mayfield Creek, farmland, and former cement products manufacturing plant located adjacent to the east bank of Mayfield Creek and the north side of State Route 849.

West Adjacent: Farmland, the Folsomdale City limits on northwest corner, and State Route 45 did not exist at this time.

1971 On-Site Observations (See aerial photo in Appendix Section 16.4): 80% farmland, 20% trees and stream banks, reduced remains of infrastructure for Viola Ammunition Plant.

North Adjacent: Same as 1955

South Adjacent: Same as 1955.

East Adjacent: Same as 1955.

West Adjacent: Same as 1955

1983 On-Site Observations: 80% farmland, 20% trees and stream banks, reduced remains of infrastructure for Viola Ammunition Plant.

North Adjacent: Same as 1955

South Adjacent: Same as 1955.

East Adjacent: Same as 1955.

West Adjacent: increased housing along State Route 1241 on west side of "property".

1993 On-Site Observations: 83% farmland, 17% trees and stream banks.

North Adjacent: Same as 1955.

South Adjacent: Same as 1955.

East Adjacent: Same since 1955.

West Adjacent: Same as 1983.

1998 On-Site Observations and Adjacent : Same as 1993.

2005 On-Site Observations and Adjacent: (See Aerial photo in Appendix Section 16.4) Same as 1993.

◆ Property Tax Files

Tax records were reviewed in the Graves County Tax Assessors Office; Court House, Mayfield, Kentucky 42066. The following information was obtained.

- Owner of each parcel
- Tax Identification Number for each parcel
- Total assessed value of the "property"

Data are summarized in table in Section 4.1.

◆ Recorded Land Title Records

Recorded land title records were reviewed at the Graves County Clerks Office, located at the Court House, Mayfield, Kentucky. The results of this record review were presented in Section 4.1, Title Records. Title lineage is in tabular form in Appendix Section 16.4

◆ Recorded History of Graves County

Prior to settlement in the early 1800's, the area, now known as Graves County Kentucky, was occupied for several millennia by various cultures of Native American Indians. These Indians periodically burned the landscape; thus, suppressing forestation and fostering grasslands to support buffalo and elk. The first settlers of European decent referred to this relatively treeless grassland as "The Barrens." As late as 1835 the greater part of Graves County was almost entirely devoid of timber except along the streams. When the district became more settled the practice of burning the land ceased and valuable timber began to grow.

The barren landscape was relatively easy to convert to agriculture because there were no forests to clear. In addition there was an abundance of water along four major waterways and their tributaries. An early settler, George Mayfield, drowned in one of the waterways and became known as Mayfield Creek. A settlement established on Mayfield Creek in 1819 was named for the creek. Mayfield Creek was the source of water for the City until wells were drilled in the 1920's

The rich soils of loess and sediment origins on the relatively level terrain, along with the climate, were ideal for the dark fired tobacco brought by the immigrants from Virginia. These factors resulted in rapid growth of the region and the formation of Graves County in 1824. Soon the region became one of the highest producer of dark

fired tobacco in the country and in 1856 the New Orleans & Ohio Railroad (now the Paducah & Louisville Railroad) connected Mayfield with the river ports in Paducah. As Mayfield became urbanized other communities such as Folsomdale (located adjacent to the "property") grew into farm trade center. Viola developed as a train station to the east of the "property". West Viola was developed as a result of operation of the Viola Ammunition Plant during World War II.

The West Kentucky Defense Council was instrumental in bringing the National Fireworks shell loading plant to Viola in April 1942. The function of the plant was to load 20-millimeter anti-aircraft ammunition for the U.S. Navy. Construction on the 1,500 acre site began on May 12, 1942. The physical plant consisted of 182 buildings scattered over the area and connected by paved or graveled roads. A rail spur connected the Illinois Central Railroad to bring in building materials, manufacturing supplies, and export finished products.

The shell loading buildings were divided into clusters comprised of a main assembly building and three storage buildings. Twenty-foot high earthen berms were placed around these to contain an explosion, if one should occur. Buildings where the volatile explosives were stored had reinforced concrete walls.

In addition to the shell loading clusters there were other support buildings, offices, three cafeterias, several dormitories, medical clinics, security structures, fire stations, waste treatment facilities, etc. Like a self contained city it had its own sanitation and water systems as well as police and fire departments. The fire department constructed several ponds in strategic locations to store water for fighting fire. There was a garage with a foreman and five mechanics to keep its 26 trucks and seven cars running. There was a well-staffed machine shop for upkeep of equipment. A maintenance shop with 75 workers was operated 24 hours seven days a week.

Most of the construction materials, shell loading supplies, and product export were transported by rail. The average freight was approximately eight million pounds per month. For the handling and management of freight, there was a half-mile rail spur, a terminal, and several storage facilities. The storage facilities consisted of three types: finished round warehouses, component warehouses, and magazines for the safe storage of explosives.

During the 36 months that the National Fireworks shell loading plant operated there were only two serious accidents. Neither accident resulted in fatalities nor contamination of the site. The National

Fireworks shell loading plant at Viola received several awards for safety, efficiency, and excellence from the parent company and Department of Defense.

On August 17, 1945 the National Fireworks shell loading plant manager was notified to cease operations immediately. All non-essential personnel were immediately released. Only a few office workers, truck drivers, some of the plant guards, and fire department were to remain until equipment was transferred and the finished ammunition moved to a secure government facility.

The plant sat in limbo for over a year after it was shut down. Most of the equipment was removed by the parent company. On August 18 and 19, 1946, the remaining equipment and the buildings were sold at auction. The buildings were sold for scrap lumber and sheet metal, the wiring was stripped for copper. The land was returned to those people from whom it had been leased.

No documents were found indicating a Munitions Response Historical Records Review has been done. This may be due, in part, to there are no expected unexploded ordinance on the site and the plant did not produce the propellants. However, there are two documents with detailed histories and present conditions of the National Fireworks shell loading plant at Viola are on file with the PARI. They are: *Cultural Resources Survey and National Register Assessment for the Proposed Stage 3 Development of the Purchase Regional Industrial Park Graves County, Kentucky* prepared by Thomason and Associates in September 2004; and *Phase I Archaeological Investigations for Proposed Stage 3 Development Purchase Regional Industrial Park Graves County, Kentucky* prepared by DuVall & Associates, Inc. in September 2004.

During the century following the formation of Graves County (1824-1924) agriculture spread and thrived in most areas of the county. An exception was the lower terraces along Mayfield Creek in the area being considered for development by the User. Annual floods prevented competitive use of this land; thus, it remained in timber. An aggressive water works program along Mayfield Creek in the 1920's relocated portions of Mayfield Creek, dredged and straightened other portions, dredged tributaries, and constructed new drainage ditches across the area. This program allowed conversion of most forested areas to row agriculture. Other drainage ditches were dug during development and operation of the National Fireworks shell loading plant.

There were some areas that either could not be effectively or efficiently drained or that have subsequently reverted to undrained conditions. These are now wetlands that have connections to Mayfield Creek. In addition, ponds were constructed by excavation and enclosing in dikes. These are now wetlands that do not have connections to creeks.

- ◆ USGS 7.5 Minute Topographic Map

USGS Melber, Kentucky 7.5 minute quad (1993) was reviewed. The area on-site and adjacent properties appear as farmland and rural.

USGS Hickory, Kentucky 7.5 minute quad (1993) was reviewed. The area on-site and adjacent properties appear as farmland and rural.

- ◆ Civil War Map (1863). There were no indications of road or industry on or near the "property". The railroad was shown along with the stations at Viola and Boaz.

- ◆ 1880 D. J. Lake & Company map

The 1880 D.J. Lake & Company map was reviewed. A copy of portion of the map where the "property" is located is included in Appendix 0. There were no roads shown on the "property" and only two home sites. Mayfield Creek extends approximately one mile across the east side of the "property". Nearby are roads connecting Mayfield with Paducah and a secondary road connecting that highway with Viola Station, railroad between Mayfield and Paducah, and the City of Boaz. There was no indication of industry on or near the "property".

5.4 HISTORICAL USE INFORMATION ON ADJOINING PROPERTIES

Uses of surrounding areas were revealed in reviewing aerial photographs, 1880 D. J. Lake Company map, and the USGS 7.5 minute Melber and Hickory, Kentucky topographic map. These observations have been discussed in Section 5.3.

6. SITE RECONNAISSANCE

6.1 METHODOLOGY AND LIMITING CONDITIONS

Site reconnaissance was conducted by C. B. Coburn of Lockwood Greene in July and August 2003 and during May, June, and July 2003. Points of interest were also inspected by John Oster and Brian Choi of Lockwood Greene in July 2003. The methodology used to visually and physically observe the "property" included observing each parcel from the perimeter and traversing the parcel as required to observe structures, wells, surface ponds, and/or abandoned farm equipment.

All structures were observed from the outside and interior.

The weather during the visits was partly cloudy with a temperature in the 80's. Visual observations were conducted without any limitations imposed by physical obstructions or harsh weather conditions. During May and June crop lands were bare and fallow ground was not overgrown, thus, providing good view of ground conditions.

6.2 GENERAL SITE SETTING

The current "property" use is row crop agricultural to include corn, soybeans, and tobacco. There are no residences or buildings for equipment storage or maintenance on the property. Farmers did use approved chemicals, fertilizers, insecticides, and herbicides in their agricultural activities.

6.3 OBSERVATIONS OF PARCELS

The following observations are recorded in the table below:

Map Parcel ID	Field Observations
A	Soybean field with Carney Creek and an unnamed drainage running through the central portion of the parcel, State Route 849 along the north boundary, and Whittemore Road along the east boundary. The west boundary is in the soybean field. The farmstead is to the west of the boundary. Drainage ditch along the south boundary. There are no evidences of contamination.
B	Row crops with Carney Creek running through the central portion of the parcel. State Route 849 along the north boundary and Whittemore Road along the west boundary. The east boundary is wooded wetland. Drainage ditch along the south boundary. There are no evidences of contamination.
C	The history of this parcel has been row crop agriculture. Much of the west "peninsula" was fallow in spring and summer of 2005. The east boundary is wooded with much of the woods being wetlands. Carney Creek runs through the parcel. The west boundary is on S.R. 1241. There are two excavated ponds on the parcel. There are no evidences of contamination.
D	This parcel is in row crops. There are no evidences of contamination.
E	This parcel is at the northern limit of the WW-II National Fireworks shell loading plant. Most of this parcel is in corn production. The 2005 aerial photograph indicates soil disturbance in the middle of the fields. Examination and interviews indicate removal of trees and remnants of National Fireworks shell loading plant structures, some of which were buried. The western quarter of the parcel is wooded and has recently been logged. While there are evidences of National Fireworks shell loading plant

Map Parcel ID	Field Observations
	structures and activities on the parcel, there are no evidences of contamination.
F	Approximately 2/3 of this parcel is in row crop. The remainder is Carney Creek and the associated floodplain. There are no evidences of contamination.
G	This parcel is in row crop agriculture. There are no evidences of contamination.
H	Approximately 3/4 of this parcel is in row crops. The remainder is wooded. There are evidences of National Fireworks shell loading plant infrastructure and structures on the property. There are earthen berms and evidence of extensive earth movement in the wooded area associated with the plant. There are remnants of two buildings in the southeast quadrant of the parcel. Extensive examination of all areas found no evidence of contamination.
I	Most of this parcel is in row crop agriculture. However, there is a large area where the topography and drainage is not conducive to agriculture. There are various stages of plant community succession leading to forestation on this parcel. There are no evidences of contamination.
J	This parcel is in row crop agriculture. There are no evidences of contamination.
K	Most of this parcel is in row crop agriculture. Approximately 20 percent is in low lying wooded drainage ditches and depressions. One area has a topographic relief that is not conducive to row crop agriculture. There are no evidences of contamination.
L	<p>At the time of examination surveyors had not defined boundaries for two portions of the many tracts in this parcel. The approach was to examine all area within the extreme limits.</p> <p>At present, the only activity on the parcel is associated with row crop agriculture.</p> <p>Most of the activities of the National Fireworks shell loading plant were on the site of this parcel. The 1971 aerial photograph (See Section 16.4) show the remains of some roads and buildings associated with the plant. Some of those building foundations, parking lots, and roads have been removed and are being cultivated (See representative in photo 16.3.10). Others remain. Four of the remaining buildings have been converted to agriculture use, but are not presently being used (See photographs of three of these in Section 16.3). Two were used for hog barns, but have been abandoned. One parking lot has a grain storage facility on it (See photo in Section 16.3). This has a power supply with a modern transformer. However, a nearby power pole has an old transformer that may be old enough to have PCBs (See photo 16.3.13 and location on aerial photo 16.4.2). A metal building has been placed on the foundation of a plant cafeteria. This building has been used for livestock shelter and, to a lesser extent, for equipment storage. It was not in use in spring and summer of 2005. Two water wells are in the floodplain which is down slope from this building (See location on aerial photo 16.4.2). One of those wells is being used by the U.S. Geologic Survey to monitor water table levels (See photo 16.3.1 in Section 16.3). There are remnants of several other buildings and foundations throughout the parcel (See photos in Section 16.3 for representative structures). At least two shell loading clusters were in a wooded area. There are remnants of earthen berms, fire protection water reservoirs, and extensive earth works associated with these clusters. Portions of the bed of the rail spur are present, as are reservoir for fire protection, a well, and various buildings and foundations (See location on aerial photo 16.4.2). There are several drainage ditches along the edge and throughout this parcel. Their locations and structures suggest most were constructed to mitigate flooding of the plant site and, perhaps, removal of wastewater. In one location there was a sand and gravel wash facility (See location on aerial photo 16.4.2). Perhaps it also served as a concrete mixing site. There are the remnants of a well shaft and sediment catch basin at the location. Examination of the 1971 aerial photograph and discussions with the soil scientists at the U.S. Department of Agriculture aroused a suspicion of massive excavation in the northeast corner of the parcel. Extensive field examinations indicated the discoloration was due to erosion and extensive ditching for agricultural drainage. All sites were extensively investigated in the field and there are no evidences of contamination.</p>
M	The boundaries of these two parcels are in question. However they are surrounded by parcel L described above and were investigated simultaneous with that parcel and is included within the description above. There are no evidences of contamination within either of the boundaries being proposed.
N	Several years ago this small parcel was used as a lighted riding arena, but has been abandoned. The site is in secondary ecological succession. Extensive examination of the parcel was conducted for contaminants and remnants of electrical components. None were found. There are no evidences of contamination on this site.

6.4 INTERIOR OBSERVATIONS

According to ASTM Standard E1527-00 only occupant or public interiors are required to be visually and/or physically observed. However, the buildings were open and interiors were observed during the site inspections in 2003 and 2005. The buildings were remnants or converted remnants of the National Fireworks shell loading plant. They had been used in animal husbandry. None were presently being used. No evidences of contaminants were found.

7. INTERVIEWS

7.1 INTERVIEW WITH OWNER AND NEIGHBORS

Interviews were conducted with parcel owners and selected neighbors to determine the potential for "...recognized environmental conditions" on and near the "property". All said no known contaminants have been on or near the "property".

- Terry Leonard has had full ownership of the parcels deeded to him since 1999 and partial ownership and co-owner with his brother David since they inherited it in 1982. He also farms David Leonard's parcel on the "property" being investigated. These parcels have been in row crop agriculture as long as he can remember. He stated there has been no contamination with controlled substances or petroleum products on his or David's property.
- Kenneth Thurston has owned and farmed the parcels deeded to him since 1980. He had known the property for many years prior to ownership. These parcels have always been in row crop agriculture and there has been no contamination with controlled substances or petroleum products.
- Ricky Thurston has had full ownership of the parcels deeded to him since 1985 and was co-owner with Kenneth since they inherited it in 1981. He had known the property for many years prior to ownership. These parcels have always been in row crop agriculture and there has been no contamination with controlled substances or petroleum products.
- Jamey Shields is a neighbor who has property surrounded by the "property" being investigated. He knows the "property" well because of his residence and his use of the "property" for recreation. He affirms the "property" has been in row crop agriculture within the span of his memory and there has been no contamination with controlled substances or petroleum products. He did not know what contamination may have occurred during the operation of the National Fireworks shell loading plant.

- Donald Dixon is a neighbor who has property surrounded by the "property" being investigated. He knows the "property" well because of his residence and his use of the "property" for recreation. He affirms the "property" has been in row crop agriculture within the span of his memory and there has been no contamination with controlled substances or petroleum products. He did not know what contamination may have occurred during the operation of the National Fireworks shell loading plant.
- Steven Terry owner of parcel on the "property" since 1993 and has know the "property" for many years. He knows of no contamination of the "property" with hazardous materials or petroleum products.
- Johnny and Pat Dawson are neighbors that have lived adjacent to the "property" for 35 years. They too know the "property" well and have used it for recreation. They affirm the "property" has been in row crop agriculture within the span of their residency and there has been no contamination with controlled substances or petroleum products. They did not know what contamination may have occurred during the operation of the National Fireworks shell loading plant. Pat's mother had worked at the plant and had never mentioned dumping or contaminants. The Dawson's water source for 35 years has been a shallow well on their property.
- Frankie Stinson is a long time neighbor that is familiar with the "property". He also states the "property" has been used for agriculture and has never known of contamination by controlled substances or petroleum products.
- Ms. Lucy Adams is a long time neighbor that the investigator had been told by various people knew everything that has occurred in the area for the last half century. She stated she was not aware of any contamination by controlled substances or petroleum products on the "property" or other properties in the area. While she was very much aware of the National Fireworks shell loading plant, she had no knowledge of waste disposal on the site.
- Linda Bisher is one of the owners of the Marshall Trust parcels. These comprise the largest holding on the "property" being investigated. She stated the parcels have been in the Marshall family for many years. Except for the National Fireworks shell loading plant operation during WW-II it has always been in row

crop agriculture. She was aware that many of the concrete buildings, foundations, and roadbed had been razed or buried to return the land to agriculture. She was not aware of any dumping or burial of chemicals or equipment used by the National Fireworks shell loading plant. She said there were many rumors that have not been substantiated. One is that there is material buried in the bluff near the barn on the cafeteria slab and two water wells. She was aware of the wells and stated one of them was very deep. The floodplains often flood and the wetlands stayed wet for prolonged periods. She also stated there are a number of Indian mounds in the floodplain and that she, and others, have found many Indian artifacts in the creeks and floodplain. She and her husband farmed the land for 17 years and have been around the "property" for many years. She is not aware of deposition of any controlled substances or petroleum products on these parcels.

7.2 INTERVIEW WITH SITE MANAGER

Two parcels are managed by persons other than the owners. The parcels are:

- David Leonard parcel (designated on map as "B") is managed by his brother Terry. Terry was co-owner of this parcel from 1982 to 1999 through inheritance. Therefore he was very familiar with the parcel. He stated to his knowledge there has never been contamination by hazardous materials or petroleum products.
- Marshall Trust Properties were managed several years by Steven Terry. He knows of no contamination of the "property" with hazardous materials or petroleum products.

7.3 INTERVIEW WITH OCCUPANTS

There are no occupants on the property. Jamey Shields and Donald Dixon have properties that are surrounded by the "property" and were interviewed as neighbors (see Section 7.1).

7.4 INTERVIEWS OF LOCAL GOVERNMENT OFFICIALS

- Mr. Noel Coplen, Graves County Site Manager, with the Department Environmental Health Services stated that he is familiar with the "property". He stated that the soil has a low percolation rate and is flat so sewage has the potential to flood the area. He also stated that he has no records of violation and no complaints about

trash. When asked about the potential for pollutants from the National Fireworks shell loading plant he stated he had no records concerning the plant.

- Mr. Tony Smith, Graves County Judge Executive, stated he has no knowledge of any contamination of the "property" with controlled substances or petroleum products. He was not aware of any contamination or burial of equipment or chemicals by the National Fireworks shell loading plant. He said his grandmother, Martha Collier Butterworth, had worked at the plant. He called her and a telephone interview was conducted (see section 7.5).
- Mr. Steven Carter, Chief of Viola Volunteer Fire Department stated he has no knowledge of any environmental emergency on or near the "property" being investigated. There have been no reports of controlled substances or petroleum products on or adjacent to the "property".
- Mr. Bill Adams, Member of Viola Volunteer Fire Department Board, has been a member of the Viola Volunteer Fire Department for many years. He stated to his knowledge there has never been an emergency on the property. There have been no reports of controlled substances or petroleum products on or adjacent to the "property" during his tenure on the Board of Directors. He was not aware of any burial or disposal of materials on the National Fireworks shell loading plant property.
- Mr. Jerry McIntosh, Soil Scientist with the U.S. Department of Agriculture, was familiar with the "property". He stated much of the soils had been disturbed by agriculture and activities associated with the National Fireworks shell loading plant. He was not aware of areas where equipment or chemicals may be buried. We examined aerial photographs for possible burial sites. One possibility was identified and was later investigated in the field. The disturbance was due to erosion and construction of drainage ditches.
- Mr. Philip Gregory, Soil Specialist with the U.S. Department of Agriculture, was familiar with the "property". He was not aware any contamination by controlled substances or petroleum products nor was he aware of areas where equipment or chemicals may be buried.

7.5 INTERVIEWS WITH OTHERS

- Ms. Martha Collier Butterworth, grandmother of County Executive Tony Smith, had worked at the National Fireworks shell loading plant during WW-II. She was not aware of any dumping or burial of pollutants. She further stated that she was "just a worker" and had no real opportunity to know of such activities. When the war ended she was sent home and knew nothing of the dismantling of the plant.
- Mr. Lon C. Barton is the recognized historian of Graves County. He was not aware of any contamination of the "property" or of resources indicating production processes at the National Fireworks shell loading plant nor activities associated with dismantling the plant.
- Mr. Tony Goodman of the PARIA was familiar with the "property". He had no knowledge of any contamination of the "property" or nearby properties with controlled substances or petroleum products.

8. FINDINGS

The findings are as follows:

- The known or suspected "...recognized environmental conditions" associated with the "property" are as follows:
 - Presence of one old electrical transformer on a pole (See photo Figure 16.3.13 and is marked on aerial photo in Appendix Figure 16.4.2). This may contain PCBs.
- The "property" was not found in any of the government environmental databases searched by FirstSearch in 2005 nor in EDR in 2003 (See Section 16.5).
- Records review found the following surrounding sites.
 - ◆ One construction waste landfill (a nearby property).
 - ◆ One small quantity hazardous waste generator (a nearby property).
 - ◆ Eight registered underground storage tanks (not an adjoining property).
 - ◆ One solid waste recycling facility (a nearby property)
- Based on visual and physical inspection of surrounding properties, Lockwood Greene found a concrete product manufacturing plant located near the intersection of Mayfield Creek and State Route 849. The location is approximately a mile east and across Mayfield Creek from the "property". That property included several fuel tanks and 100 feet by 50 feet scrap metal storage area. Based on the condition of the buildings the age of the plant was estimated to be 50 years old.

9. OPINIONS

It is Lockwood Greene's opinion that the registered USTs located at two sites will not impact the "property" and are not "...recognized environmental conditions." The rationale used for each of the two sites is presented as follows:

- Fristoies Food Mart - The market is at least one mile from the "property" southwestern border, and therefore is too far away to have impact on the "property".
- Hancocks Market - The market is approximately 1,000 feet from the nearest corner of the "property". That being the "peninsula" that connects to S.R. 1241. An inspection of the UST sites indicates they are in good condition and well maintained. The general topography slopes down toward the "property" but is interrupted by Carney Creek Tributaries on the "property".

It is Lockwood Greene's opinion that Bens Recycling located north of East Baldree Road and approximately a mile north of the "property" will not impact the "property" and is not a "recognized environmental condition". The rationale is that Bens Recycling facility is only involved in the recycling of plastic and aluminum containers, both non-hazardous materials. Also based on inspection reports by Kentucky DEP in 2003 this facility is mostly in compliance and the only non-compliance issue addressed by DEP over the last five years for littering. Also this facility is also registered as a small quantity hazardous waste generator that means that less than 220 lbs per month are generated at this facility. It is Lockwood Greene's opinion that managing hazardous waste in an environmentally safe way will not impact the environment nor impact adjacent properties nor the "property" that is the subject of this investigation.

It is Lockwood Greene's opinion that North Graves Company, Inc. landfill located near Mayfield Creek and State Route 849 will not impact the "property" and is not a "recognized environmental condition". The rationale is that North Graves Company landfill is only involved in the disposal of construction debris that is non-hazardous material. Also based on inspection reports by Kentucky DEP in 2003 this facility is mostly in compliance and the only non-compliance issue addressed by DEP over the last five years for the disposal of unauthorized debris (assumed to be non-hazardous). This landfill also is located on the east side of Mayfield Creek and Carney Creek as well as being at least one mile from the "property". Therefore, contamination could not migrate to the "property" without being interrupted by the Mayfield Creek and Carney Creek.

It is Lockwood Greene's opinion that former concrete products plant located near Mayfield Creek and State Route 849 will not impact the "property" and is

not a "recognized environmental condition". The rationale is located on the east side of Mayfield Creek and Carney Creek as well as being at least one mile from the "property". Therefore, contamination could not migrate to the "property" without being interrupted by the Mayfield Creek and Carney Creek.

It is Lockwood Greene's opinion that there are no hazardous contaminants from the construction, operation, and dismantling of the National Fireworks shell loading plant on the "property". Construction and equipment acquisition was efficient under austere conditions. Thus, there was little, if any, wastes to be disposed of, and that would not be of a hazardous nature. Loading of anti-aircraft shells used materials manufactured elsewhere and transported to the site. The sparse literature indicated they had a strict and well organized handling of all materials, including volatiles. In addition, the plant received several awards for efficiency and safety. Apparently there were only two accidents reported. The location of the garage, machine shop, and maintenance shop are unknown. Any oil spills would have leached through the sandy soils and numerous drainage ditches through 60 years of rain and floods. Following the closure of the plant, the National Fireworks Company had one year to return all loaded shell, volatiles, and equipment to the government and to their home plant in Massachusetts. The remaining equipment (probably office equipment) and the buildings were sold at auction in August 1946. There was a stipulation that the wiring be removed and recycled. Thus, it is logical that all electrical components, including transformers, would have been removed and reused. Most of the frame and metal buildings were removed as salvage. Most of the concrete buildings have been demolished, and some buried, over the 59 years since they were sold. There are rumors that "...things have been buried" on the site. Other rumors say the plant operators buried things on the site. Extensive and detailed examination of surface features throughout the entire plant footprint over two summers did not reveal evidence that indicated burial of waste materials. There was evidence of buried concrete from building walls and foundations and spreading of earthen berms to return the land to agriculture.

It is Lockwood Greene's opinion that the old power transformer should be examined by qualified personnel to determine its age and potential for containing hazardous materials such as PCBs. If it contains hazardous materials, it should be removed and disposed of by qualified personnel in an approved manner.

10. CONCLUSIONS

Lockwood Greene has performed a Phase I Environmental Site Assessment in conformance within the scope and limitations of ASTM Practice E1527 for the "property" located near Folsomdale and West Viola, Kentucky. Any exceptions to, or deletions from, this practice are described in Section 2.3. This assessment has revealed evidence of one potential "...recognized environmental condition" in connection with the "property" as an old electrical transformer on a pole (See photo 16.3.13. and aerial photo 16.4.2)

11. DEVIATIONS

Lockwood Greene followed the ASTM E1527-00 protocol without any deletions and/or deviations from this practice.

12. ADDITIONAL SERVICES

Lockwood Greene has not provided additional services beyond the scope of this practice. The specified terms of engagement between the user and environmental professional did not specify any additional services.

13. REFERENCES

ASTM Standard Practice (E1527-00) for Environmental Site Assessments; Phase I Environmental Site Assessment Process.

ASTM Report (2003) The Purchase Area Regional Industrial Authority Phase I Environmental Site Assessment For The Purchase Regional Park. Lockwood Greene. Maintained in Purchase Area Development District Office, Mayfield, Kentucky.

FEMA Flood Maps, Community Panels 210282 0001 A and 210282 0002 A. Property Title Deeds, Graves County Clerks Office, Mayfield, Kentucky

Property Tax Records, Graves County Tax Assessors Office, Mayfield, Kentucky

Graves County History by Dr. Ruby Holland, obtained from www.boards.ancestry.com

Graves County History The Kentucky Encyclopedia, edited by John Kleber. Copyright 1992, obtained from www.kycourts.net

Lon C. Barton. 1960. A History of Graves County, Kentucky. 1818 – 1865. M.S. Thesis. University of Kentucky, Lexington. 145pp.

David Owen. 1856. Kentucky Geological Survey – Volume 1. A.G. Hodges
Publisher. Frankfort, Kentucky. 120pp.

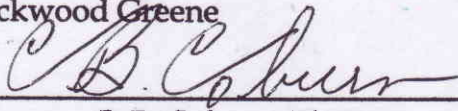
Thomason and Associates. 2004. Cultural Resources Survey and National
Register Assessment for the Proposed Stage 3 Development of the Purchase
Regional Industrial Park Graves County, Kentucky. Maintained in Purchase Area
Development District Office, Mayfield, Kentucky.

DuVall & Associates, Inc. 2004. Archaeological Investigations for Proposed
Stage 3 Development Purchase Regional Industrial Park Graves County,
Kentucky. Maintained in Purchase Area Development District Office, Mayfield,
Kentucky.

14. SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

C. B. Coburn of Lockwood Greene conducted this Phase I Environmental Site Assessment of the 1,300 acre "property" located in Folsomdale, Kentucky.

Signature of Environmental Professional
Lockwood Greene



C. B. Coburn, Ph.D.

July 20, 2005
Date

15. QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

Dr. Coburn has conducted Phase I Environmental Site Assessments for 12 years and has a Ph.D. in Zoology.

16. APPENDICES

16.1 SITE MAPS

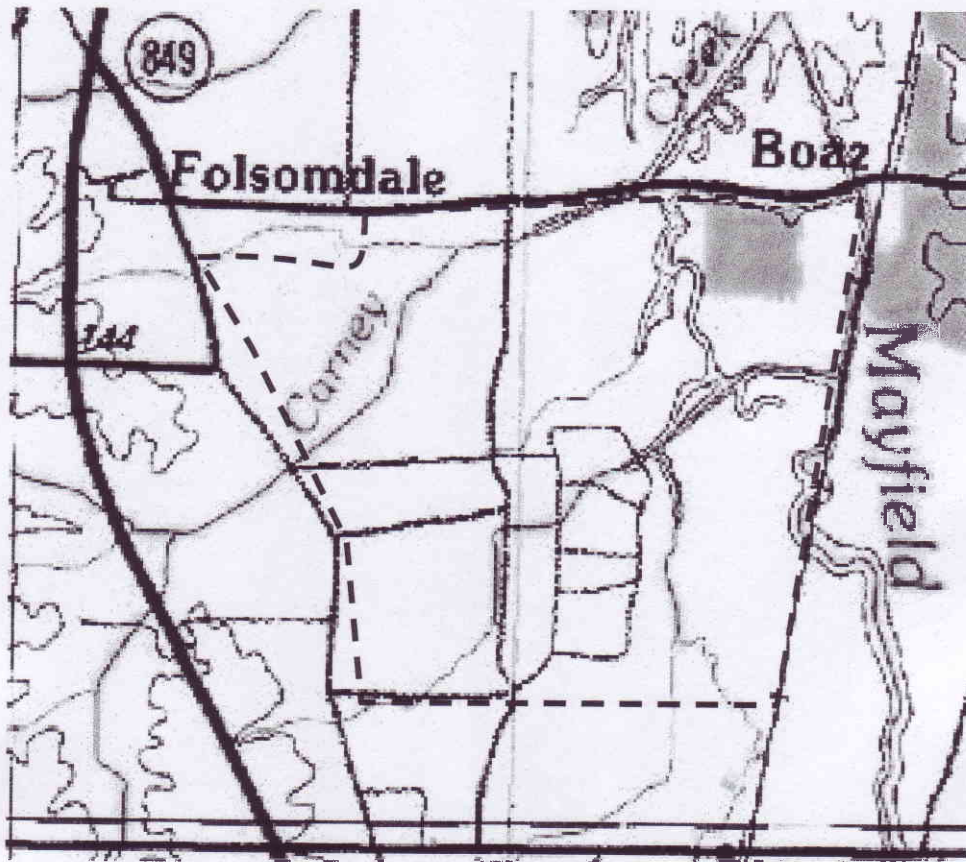


Figure 16.1.1. USGS Topographic Map. "Property" is within red dashed area.

16.2 SITE PLAN

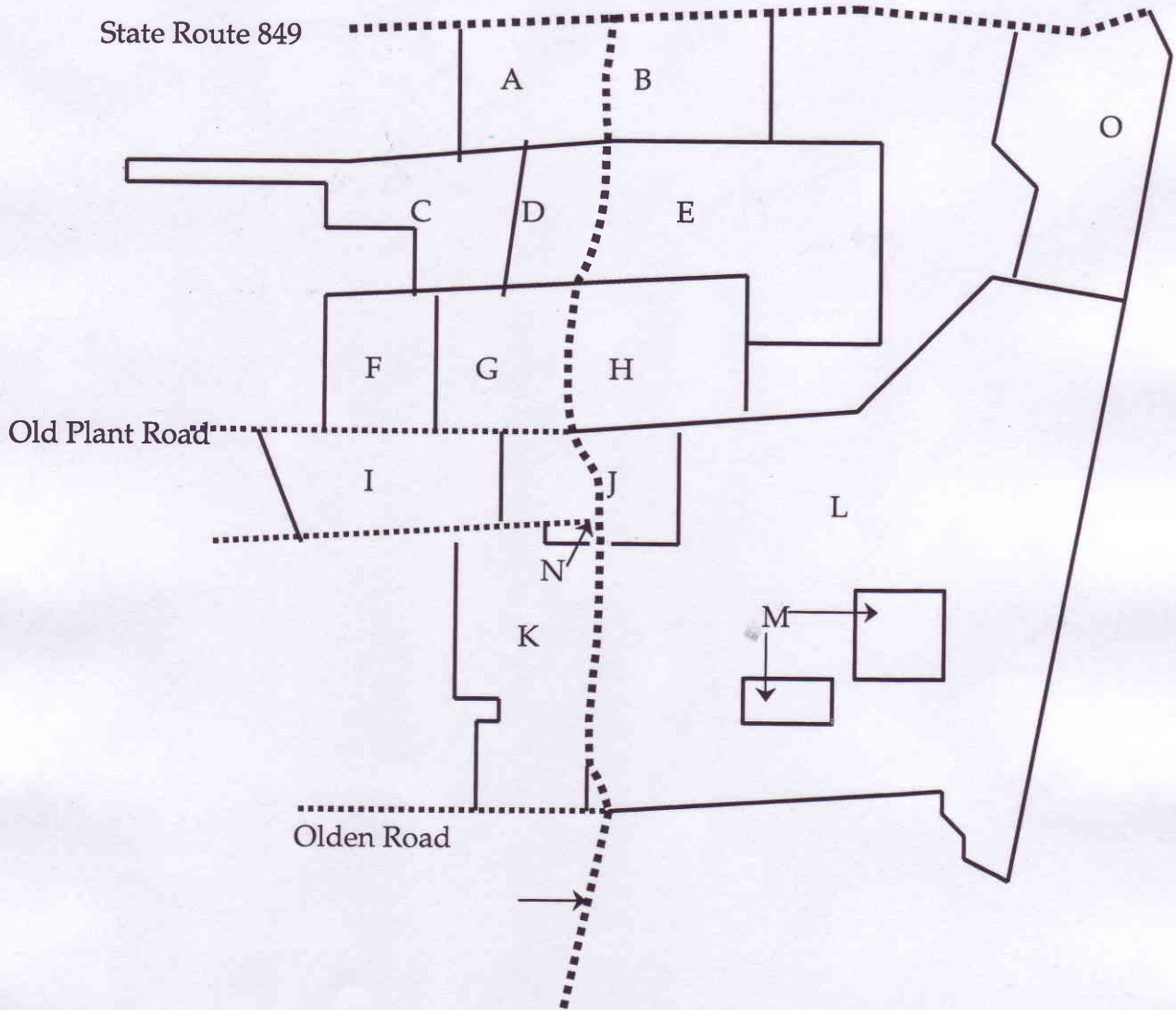


Figure 16.2.1. Figure showing relative location of parcels. Numbers reference owners listed in Section 4.4 and descriptions in Section 6.3.

16.3 16.3 SITE PHOTOGRAPHS

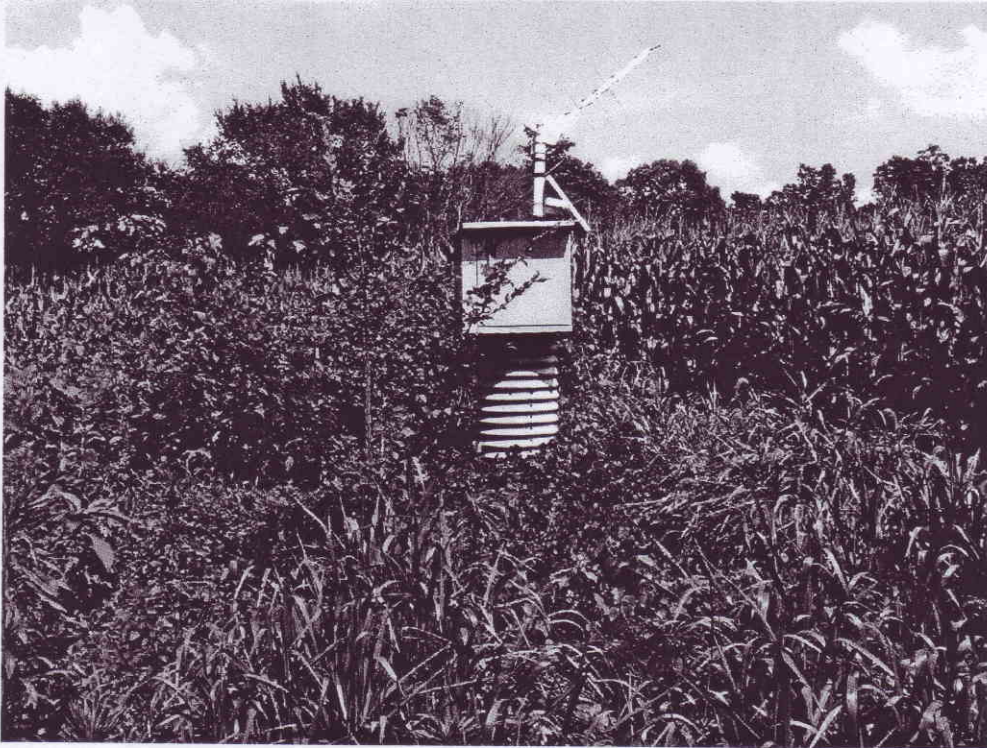


Figure 16.3.1. National Fireworks Shell Loading Plant well used by USGS to monitor groundwater and flood levels. There are two wells at this site.



Figure 16.3.2. National Fireworks Shell Loading Plant well approximately 200 yards from well on previous page.

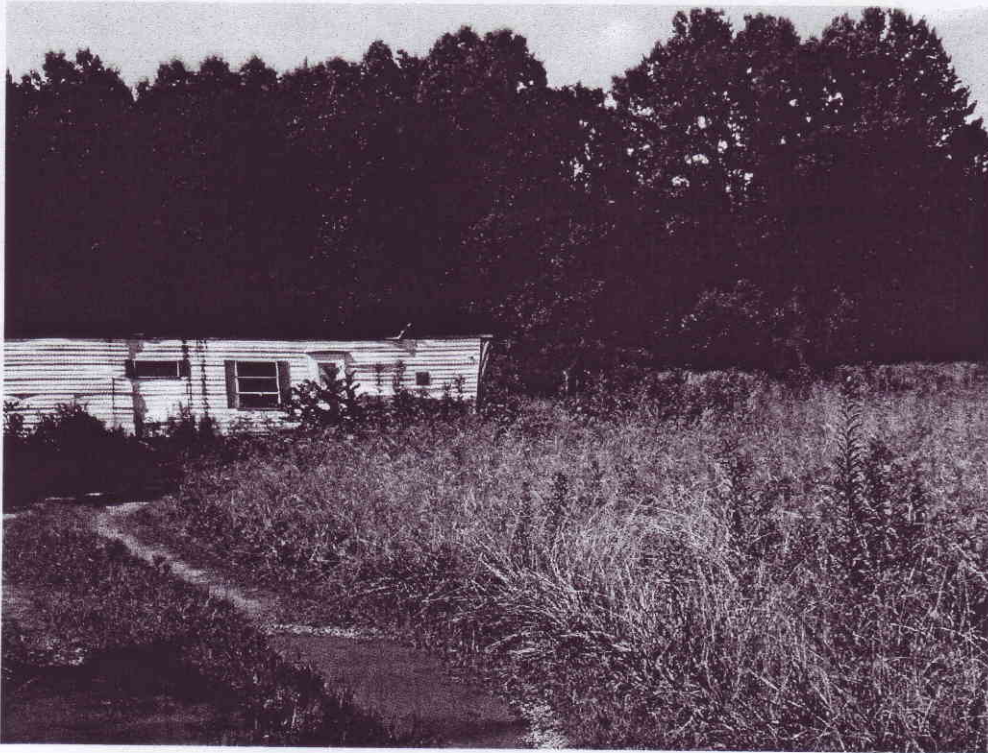


Figure 16.3.3. Trailer house being discarded on "property".



Figure 16.3.4. Trailer house being discarded on "property".



Figure 16.3.5. Grain storage bin on shell loading plant infrastructure.



Figure 16.3.6. One of the remnant foundation of shell plant building.



Figure 16.3.7. Building formerly used for farrowing pigs. It consists of an addition to existing shell loading plant structure.



Figure 16.3.8. Building formerly used as swine pen. It consists of an addition to existing shell loading plant structure.



Figure 16.3.9. Building formerly used as swine pen. It consists of an addition to existing shell loading plant structure.



Figure 16.3.10. Roadway of shell loading plant and row crop. Most of the roads were asphalt and decayed.



Figure 16.3.11. Tobacco has been a major row crop for more than a century. However, it has dramatically diminished in the last two years.



Figure 16.3.12. Roundup ready soybeans have replaced tobacco on the "property".

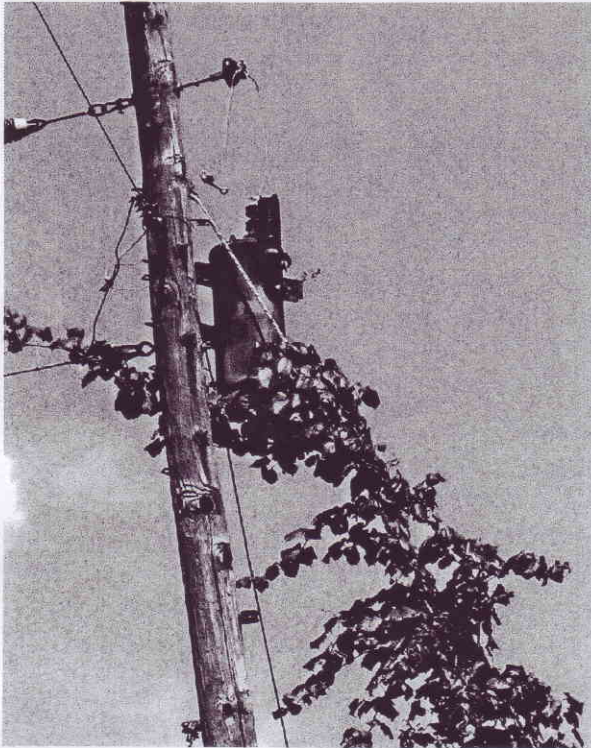


Figure 16.3.13. Old transformer that will require further investigation.

16.4 HISTORICAL RESEARCH DOCUMENTATION (AERIAL PHOTOGRAPHS,
HISTORICAL MAP, PROPERTY RECORDS, ETC.)



Figure 16.4.1. Aerial photo taken in February 2005. The "property" is within the red border. North is toward the top.



Figure 16.4.2. Aerial photo showing locations of features in text and/or photographs. North is toward the top.



Figure 16.4.3. Aerial photo taken in 1998. North is to the top.

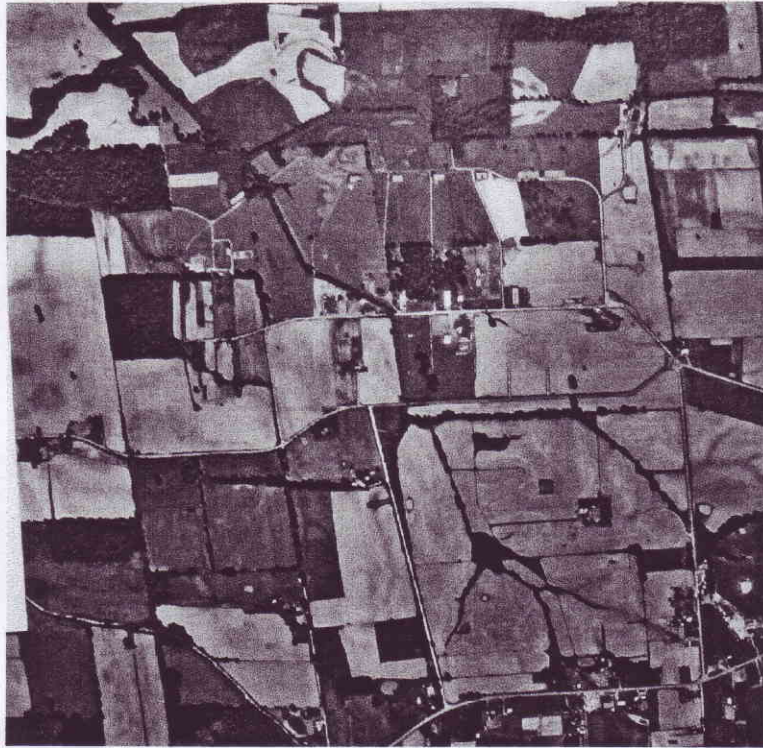


Figure 16.4.4. Aerial photo taken in 1971. North is to the left.

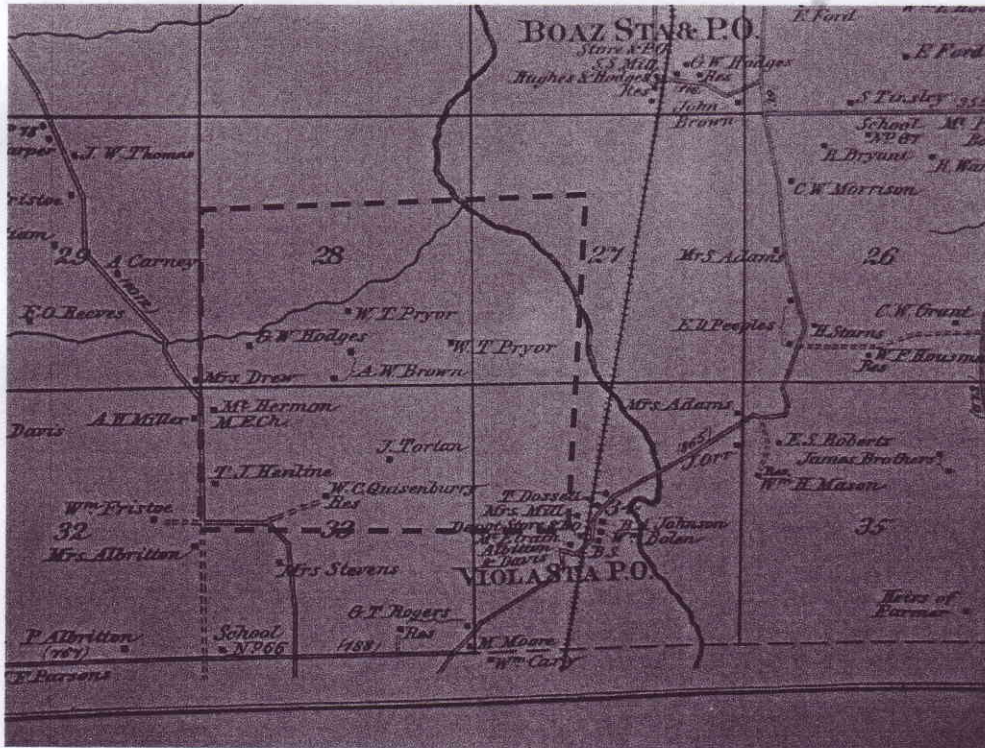


Figure 16.4.5. Lakes 1880 map of the region. The "property" is within the red borders.

Tax Map 67 Parcel 88 - William H. Green, Jr.

	Date	Deed Bk/Pg	Grantee	Grantor
	Oct 20, 2004	419/256	Michael A. & Kerry J. Wagner	W. H. Green, Jr.
	Nov 10, 1998	377/760	W. H. Green, Jr.	William H. & Mildred Green
Tr.1	Sep 8, 1950	148/369	William H. & Mildred Green	Eva Green et al
Tr. 2	July 13, 1953	156/200	William H. & Mildred Green	Allie Harrell et al
	Nov 10 1998	377/765	W. H. Green, Jr.	William H. & Mildred Green
Tr. 1	Nov 23, 1965	198/7	W. H. & Mildred Green	Eva Green et al. - E. F. Green estate (Will Book I, Page 65)
	Jun 16, 1919	69/153	E. F. Green	W. B. & Bessie Crouch
Tr. 2	Sep 05, 1967	209/75	W. H. & Mildred Green	Allie Harrell et al. (Alvin H. Harrell estate
	Jul 30, 1953	156/199	Alvin H. Harrell (Affidavit of Decent)	J. H. Harrell
	Aug 05, 1908	39/554	J. H. Harrell	J. T. & E. H. Jones

Tax Map 84 Parcel 90 – William H. and Mildred Green

	Date	Deed Bk/Pg	Grantee	Grantor
	Nov 23, 1965	198/7	William H. & Mildred Green	Eva Green et al - E. F. Green estate (Will Book I, Page 65)
	Jun 16, 1919	69/153	E. F. Green	W. B. & Bessie Grouch

Tax Map 84 Parcel 60 – David and Lunele Leonard

	Date	Deed Bk/Pg	Grantee	Grantor
	Nov 24, 1999	384/696	David & Lunele Leonard	Terry & Sandra Leonard
			Transfer of undivided interest acquired through decent from Mary B. Jones Glanville	
Par. 1	May 14, 1982	285/834	½ David & Lunele Leonard ½ Terry & Sandra Leonard	James U. Glanville & Cindy Metzger Granville
	May 11, 1982	285/779	James Granville	Estate of Mary B. Granville (Will Book J pg. 593)
Tr. 1	Apr 27, 1960	173/621	Mary B. Jones Glanville	Estate of Beulah Usher *
	Dec 12, 1947		O. B. Usher (son of Beulah Usher)	Usher & Gardner, Inc.
	Sep 7, 1942	124/132	O. B. Usher	D. E. & Mary Pease
	Sep 26, 1941	121/617	O. B. Usher	T. H. & Beulah Usher
	Nov 12, 1940	120/22	T. H. Usher	Rosa Horney

*O (Oscar). B. Usher died leaving property to his mother Beulah Usher. When Beulah Usher died she left the property to be sold. It was bought by Mary B. Jones Glanville.

Tax Map 84 Parcel 93 – Terry and Sandra Leonard

	Date	Deed Bk/Pg	Grantee	Grantor
	Nov 24, 1999	384/63	Terry & Sandra Leonard	David & Lunele Leonard
			Transfer of undivided interest acquired through decent from Mary B. Jones Glanville	
Par. 2	May 14, 1982	285/836	½ David & Lunele Leonard ½ Terry & Sandra Leonard	James U. Glanville & Cindy Metzger Granville
	May 11, 1982	285/779	James Granville	Estate of Mary B. Granville (Will Book J pg. 593)
Tr. 2	Apr 27, 1960	173/621	Mary B. Jones Glanville	Estate of Beulah Usher
	Dec 12, 1947		O. B. Usher (Husband to Beulah Usher)	Usher & Gardner, Inc.
	Sep 7, 1942	124/132	O. B. Usher	D. E. & Mary Pease
	Sep 26, 1941	121/617	O. B. Usher	T. H. & Beulah Usher
	Nov 12, 1940	120/22	T. H. Usher	Rosa Horney

Tax Map 84 Parcel 92 – Terry and Sandra Leonard

	Date	Deed Bk/Pg	Grantee	Grantor
	Nov 24, 1999	385/69	Terry & Sandra Leonard	David & Lunele Leonard
			Transfer of undivided interest acquired through decent from Gertrude Henson (widow of Lester Henson) Will Book K pg. 553	
	Jan 4, 1971	224/422	Terry & Sandra Leonard and David & Lunele Leonard	Estate of Gertrude Henson (widow of Lester Henson)
Tr. 1	Aug 25, 1932	102/131	Lester Henson	J. W. Wilson (Master Commissioner)
Tr. 2	Sep 13, 1919	70/236	John W. Hamilton	J. M. Allcock

Tax book 84 Parcel 61 – Nall, Robert (Mary Murphy Nall)

	Date	Deed Bk/Pg	Grantee	Grantor
Tr. 1	Oct 9, 1935	104/531	Rebekah (Rebecca) Nall	Gladys & Hubard B. Abell
	Aug 9, 1930	99/36	Gladys & Hubard B. Abell	Fannie Wilson et al
Tr. 2	Aug 9, 1930	99/37	Rebecca Nall	Fannie Wilson et al
Tr. 3	Oct 28, 1942	124/376	Rebecca Nall	O. B. Usher
	Sep 7, 1942	124/132	O. B. Usher	D. E. Pease

Tax Map 84 Parcel 6 – Steven M. and Regena Terry

	Date	Deed Bk/Pg	Grantee	Grantor
	Nov 6, 1995	358/722*	Steven M. & Regena Terry	R. D. Young et al. (estate of Wallace Young)
Tr. I	Jan 13, 1903	36/26	Wallace Young	J. B. & S. B. Warford
Tr. II	Feb 6, 1913	55/105	Wallace Young	J. L. & Carrie Feagain

* Decent Record in Deed 358/722

Tax Map 84 Parcel 88 – Kenneth Thurston

	Date	Deed Bk/Pg	Grantee	Grantor
	Feb 8, 1993	341/77	Kenneth Thurston	Nancy Lee Thurston ½ Divorce settlement
Tr. II	May 6, 1980	278/485	Kenneth & Nancy Thurston	Charles B. & Martha Bland
	Apr 11, 1980	278/198	Charles B. & Martha Bland	Elizabeth Rowland (Master Commissioner) through foreclosure of Royce & Virginia Downey
	Jan 8, 1976	253/699	Royce & Virginia Downey	Royce Downey (Widow of Wilma Downey)
	Jul 5, 1962	182/309	Royce & Wilma Downey	Heirs of Jewell McGee
	July 5, 1962	182/308	Jewell McGee (wife of G. W. Huddleston)	G. W Huddleston
	Mar 26, 1921	71/599	G. W. Huddleston	J. T. & Ella Thompson
Sub A	Oct 30, 1970	223/603	Royce & Virginia Downey	Jewell H. McGee (Widow of Edgar J. McGee – Will Book G page 531)
	Aug 25, 1943		Edgar J. McGee	Collie McGee
Sub B	Jan 8, 1976	253/699	Royce & Virginia Downey	Royce Downey (Widow of Wilma Downey)
	Jul 5, 1962	182/309	Royce & Wilma Downey	Heirs of Jewell McGee
	July 5, 1962	182/308	Jewell McGee (wife of G. W. Huddleston)	G. W Huddleston
	Mar 26, 1921	71/599	G. W. Huddleston	J. T. & Ella Thompson

Tr. IV	May 6, 1980	278/493	Kenneth & Nancy Thurston	Maplewood Farms Health Center, Inc.
	Feb 20, 1973	237/422	Maplewood Farms Health Center, Inc.	Royce L. & Virginia Downey
	Apr 23, 1969	214/582	Royce L. & Virginia Downey	Jewell H. McGee (Edgar McGee estate – Will Book G page 531)
	Nov 22, 1916	56/474	Edgar McGee	Belle Zora McGee

Tax Map 84 Parcel 94 – Ricky Thurston

	Date	Deed Bk/Pg	Grantee	Grantor
	May 24, 1985	299/9	Ricky Thurston	Kenneth & Nancy Thurston $\frac{1}{2}$ interest
	Apr 17, 1981	281/584	Ricky Thurston and Kenneth & Nancy Thurston	Thomas E. Wilkins et al.
Tr. 1	Oct 29, 1919	68/156	Eddie & Leola Wilkins	Clifford Howard et al.
Tr. 2	Dec 23, 1958	170/266	Eddie & Leola Wilkins	Thomas E. & Marie Wilkins
	Apr 21, 1951	149/484	Thomas E. & Marie Wilkins	Eddie & Leola Wilkins

Tax Map 84 Parcel 57 – Carl Torian

	Date	Deed Bk/Pg	Grantee	Grantor
	Feb 23, 2000	386/144	Carl Torian	Kevin Davenport
		319/198	Carl Torian & Kevin Davenport	James Usher Glanville
	Apr 27, 1960	173/621	Mary B. Jones Glanville	Estate of Beulah Usher *
	Dec 12, 1947		O. B. Usher (son of Beulah Usher)	Usher & Gardner, Inc.
	Sep 7, 1942	124/132	O. B. Usher	D. E. & Mary Pease
	Sep 26, 1941	121/617	O. B. Usher	T. H. & Beulah Usher
	Nov 12, 1940	120/22	T. H. Usher	Rosa Horney
	Jun 8, 1988	315/211	James Glanville	People 1 st National Bank Beulah Usher estate)
Par. 1	Nov 12, 1940	120/27	T. H. Usher (Husband to Beulah)	Rosa C. Horney
Par. 2	Dec 12, 1947	141/41	O. B. Usher	Usher & Gardner Inc
	Aug 16, 1988	316/87	Carl Torian & Kevin Davenport	James Usher Glanville
Par. 1	Nov 12, 1940	120/27	T. H. Usher (Husband to Beulah)	Rosa C. Horney
Par. 2	Apr 27, 1960	173/621	Mary B. Jones Glanville	Estate of Beulah Usher *
	Dec 12, 1947		O. B. Usher (son of Beulah Usher)	Usher & Gardner, Inc.

Tax Map 84 Parcel 69 – Gary(Garry) B. & Ronnie Wilson

	Date	Deed Bk/Pg	Grantee	Grantor
	Nov 17, 1989	323/321	Gary B. & Ronnie E. Wilson	W. H. & Carol S. Fristoe
Par. 1	Dec 10, 1962	185/41	Curtis J. & Jessie Edwards	G. Rome & Erma Edwards estate
	Dec 01, 1947	141/8	G. Rome & Erma Edwards	Glenn M. & Dorothy C. Ross
Par. 2	Apr 18, 1981	281/653	W. H. & Carol S. Fristoe	Allen & Arlene Mathis and Herbert & Jean Mathis
	Jan 29, 1981	280/766	Allen Mathis et al	Curtis J. & Jessie Edwards estate
	Dec 10, 1962	185/41	Curtis J. & Jessie Edwards	G. Rome & Erma Edwards estate
	Dec 01, 1947	141/8	G. Rome & Erma Edwards	Glenn M. & Dorothy C. Ross

Tax Map 84 Parcel 69 – Gary B. & Ronnie Wilson

	Date	Deed Bk/Pg	Grantee	Grantor
	Mar 30, 2001	393/164	Gary B. & Ronnie Wilson	Terry Farms Limited Partnership
Par. 1	Mar 7, 2000	386/371	Terry Farms Limited Partnership	Terry Brothers
	Nov 9, 1970	224/157	Laddie & Ruby Sanders	Bill & Willie Mae Rowland
	Feb 7, 1967	203/695	Bill & Willie Mae Rowland	O. L. & Lillian Goin
	Jan 17, 1953	151/526	O. L. & Lillian Goin	B. F. & Coveota Bynum
Par. 2	Mar 7, 2000	386/371	Terry Farms Limited Partnership	Terry Brothers
	Oct 23, 1993	339/415	Leon & Joyce Terry and Steven & Regina Terry	Ruby Aaron estate
Tr. 1	Jan 13, 1967	203/603	Ruby Aaron	Laddie Aaron estate
	Mar 26, 1958	169/111	Edd & Ruby Arron	Beulah Dunevant et al.
	May 27, 1959	171/287	Edd & Ruby Arron	Goeble & Mary Jackson
	Mar 31, 1945	131/637	Goeble & Mary Jackson	A. T. & Beulah Dunevant
	Dec 02, 1959	172/563	Edd & Ruby Arron	H. E. & Myrtle Prince
	Feb 23, 1946	135/236	H. E. & Myrtle Prince	Gurtury & Beatrice Prince
Tr. 2	Feb 11, 1993	342/551	Steven & Regina Terry and Leon & Joyce Terry	Eddith & John Robert Brammel
	Dec 30, 1974	248/503	Wavel & Zelda Beaman	Laddie & Ruby Sanders*
	Nov 09, 1970	224/157	Laddie & Ruby Sanders*	Bill & Willie Mae Rowland
	Feb 7, 1967	203/695	Bill & Willie Mae Rowland	O. L. & Lillian Goin
	Jan 17, 1953	151/526	O. L. & Lillian Goin	B. F. & Coveota Bynum

*See Record of Decent in 325/147

Tax Map 84 Parcels 3, 4, 5, 7, 8, 9, 10, 12, 63, 64 – William Keith Marshall et al.

	Date	Deed Bk/Pg	Grantee	Grantor
	Oct 13, 2000	391/8	William Keith Marshall et al.	Van J. Marshall Living Trust
	Aug 20, 1993	344/174	Van J. Marshall Living Trust	Van J. Marshall
Tr. 1	Feb 04, 1987	307/440	Van J. Marshall	Charles R. Marshall et al.
Sub 1	Apr 20, 1979	273/518	Charles R. Marshall et al.	Frank L. & Ethel Stone
	Jan 4, 1906	33/371	Elmer Stone	R. W. & Fannie Whittemore
Sub 2	Aug 02, 1978	270/30	Van J. Marshall et al.	Bren & Mildred Ray
	Apr 21, 1954	157/369	Bren & Mildred Ray	Guy & Nellie Coates
Sub 3	Apr 03, 1979	273/316	Charles R. Marshall et al.	Bob & Emma Jean Lemons
3a	Apr 25, 1970	221/162	Bob & Emma Jean Lemons	Gillette & Dorothy Morgan
	Dec 05, 1964	193/389	Gillette & Dorothy Morgan	Coy & Emma Louise Nessler
3b	Oct 24, 1970	223/548	Bob & Emma Jean Lemons	Charles Buford & Martha Hill
	Apr 25, 1970	221/162	Bob & Emma Jean Lemons	Gillette & Dorothy Morgan
	Dec 05, 1964	193/389	Gillette & Dorothy Morgan	Coy & Emma Louise Nessler
	Jan 04, 1964	189/495	Coy Nessler et al.	E. F. Green
**	Aug 27, 1947	140/396	E. F. Green	Usher & Gardner, Inc.

Sub 4	Dec 09, 1976	259/46	Charles Marshall and Van Marshall	L. B. & Rosie Reid
	Jan 09, 1923	78/237	J. A. Reid (Father of L. B. Reid)*	A. J. Bradley et al.
Tr. 2	Feb 04, 1987	307/446	Van J. Marshall	Charles R. Marshall et al.

** 3a and 3b being portion of the property conveyed at 140/396

* See Record of Decent at 213/65

16.5 REGULATORY RECORDS DOCUMENTATION

FirstSearch Technology Corporation

Environmental FirstSearch™ Report

TARGET PROPERTY:

HICKORY KY 42051

Job Number: 01840006

PREPARED FOR:

Lockwood Greene

303 Perimter Center North Ste 800

Atlanta GA 30346-2402

04-29-05

Environmental
FIRSTSEARCH



Tel: (407) 265-8900

Fax: (407) 265-8904

Environmental FirstSearch Search Summary Report

Target Site:

HICKORY KY 42051

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	02-14-05	1.00	0	0	0	0	0	0	0
CERCLIS	Y	01-18-05	0.50	0	0	0	0	-	0	0
NFRAP	Y	06-23-04	0.25	0	0	0	-	-	0	0
RCRA TSD	Y	02-14-05	0.50	0	0	0	0	-	0	0
RCRA COR	Y	02-14-05	1.00	0	0	0	0	0	0	0
RCRA GEN	Y	02-14-05	0.25	0	0	0	-	-	0	0
RCRA NLR	Y	02-14-05	0.25	0	0	0	-	-	1	1
ERNS	Y	12-31-04	0.25	0	0	0	-	-	0	0
NPDES	Y	01-16-05	0.25	0	0	0	-	-	12	12
FINDS	Y	05-29-03	0.25	0	0	0	-	-	27	27
TRIS	Y	11-08-04	0.25	0	0	0	-	-	2	2
State Sites	Y	10-01-04	1.00	0	0	0	0	0	5	5
Spills-1990	Y	NA	0.25	0	0	0	-	-	0	0
Spills-1980	Y	NA	0.25	0	0	0	-	-	0	0
SWL	Y	01-01-03	0.50	0	0	0	0	-	2	2
Permits	Y	NA	0.25	0	0	0	-	-	0	0
Other	Y	NA	0.25	0	0	0	-	-	0	0
REG UST/AST	Y	01-25-05	0.25	1	0	0	-	-	3	4
Leaking UST	Y	10-01-04	0.50	0	0	0	0	-	0	0
Nuclear Permits	Y	04-30-99	0.50	0	0	0	0	-	0	0
Releases(Air/Water)	Y	12-31-04	0.25	0	0	0	-	-	0	0
HMIRS	Y	03-31-03	0.25	0	0	0	-	-	1	1
NCDB	Y	08-30-04	0.25	0	0	0	-	-	0	0
PADS	Y	12-21-04	0.25	0	0	0	-	-	0	0
Federal Other	Y	12-31-02	0.25	0	0	0	-	-	3	3
Brownfield	Y	NA	0.25	0	0	0	-	-	0	0
Receptors	Y	01-01-95	0.50	0	0	0	0	-	0	0
- TOTALS -				1	0	0	0	0	56	57

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSearch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

***Environmental FirstSearch
Sites Summary Report***

TARGET SITE: HICKORY KY 42051

JOB: 01840006
PURCHASE REGIONAL PARK

TOTAL: 57 **GEOCODED:** 1 **NON GEOCODED:** 56 **SELECTED:** 1

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
1	UST	HANCOCKS MARKET 873042	6155 ST RT 1241 HICKORY KY 42051	0.00 --	1

Environmental FirstSearch Sites Summary Report

TARGET SITE:

HICKORY KY 42051

JOB: 01840006

PURCHASE REGIONAL PARK

TOTAL: 57

GEOCODED: 1

NON GEOCODED: 56

SELECTED: 1

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
	FEDOTHER	OLD HICKORY CLAY KY0936043/AIRS DATABASE	HGWY 1241 PO BOX 66 HICKORY KY 42051	NON GC	N/A
	FEDOTHER	JIM SMITH CONTRACTING CO INC KY0018566/AIRS DATABASE	LEE POWELL ROAD HICKORY KY 42051	NON GC	N/A
	FEDOTHER	SEABOARD FARMS OF KY INC KY0936046/AIRS DATABASE	PO BOX 116 HICKORY KY 42051	NON GC	N/A
	FINDS	KY TN CLAY CO MILBY MINE 110009744349/FRS	WYATT RD & DAN VAUGHN RD HICKORY KY 42051	NON GC	N/A
	FINDS	RECYCLED PAPER SHAVINGS KY0001307842	HWY 1241 N HICKORY KY 42051	NON GC	N/A
	FINDS	PURCHASE TRAINING CTR KY0000986828	HWY 45 HICKORY KY 42051	NON GC	N/A
	FINDS	OLD HICKORY CLAY-#1 VOLUNTEER KY0000498089	J. LEE POWELL RT 2, BOX 66 HICKORY COUNTY KY 42051	NON GC	N/A
	FINDS	OLD HICKORY CLAY CO 110009744321/FRS	KY HWY 131 PURCHASE PKWY HICKORY KY 42051	NON GC	N/A
	FINDS	OLD HICKORY CLAY CO KY0000983098	HWY 1241 HICKORY KY 42051	NON GC	N/A
	FINDS	OLD HICKORY CLAY 110010453669/FRS	HIGHWAY 1241 PO BOX 66 HICKORY KY 42051	NON GC	N/A
	FINDS	OLD HICKORY CLAY KY0000987552	MERIDIAN RD HICKORY KY 42051	NON GC	N/A
	FINDS	REMINGTON ARMS CO INC KY0001610997	RT 45 & HICKORY RD HICKORY KY 42051	NON GC	N/A
	FINDS	LOWE LAKE DAM KY0000976811	OFF HWY 408 & HWY 440 VIOLA KY 42051	NON GC	N/A
	FINDS	OLD HICKORY CLAY LAMKIN MINE 110009744401/FRS	MERIDIAN RD HICKORY KY 42051	NON GC	N/A
	FINDS	KY TENN CLAY KY0000983148	WYATT RD & DAN VAUGHN RD HICKORY KY 42051	NON GC	N/A
	FINDS	JIM SMITH CONTRACTING CO INC 110007035564/FRS	LEE POWELL ROAD HICKORY KY 42051	NON GC	N/A
	FINDS	JIM SMITH CONTRACTING KY0000987594	LEE POWELL RD HICKORY KY 42051	NON GC	N/A
	FINDS	HICKORY WATER DISTRICT WTP KY0000955435	HWY 45 HICKORY KY 42051	NON GC	N/A
	FINDS	GRAVES COUNTY PAVING PLANT 110009056154/FRS	LEE POWELL RD HICKORY KY 42051	NON GC	N/A
	FINDS	GRAVES CNTY PAVING CO KYD006387823	LEE POWELL RD HICKORY KY 42051	NON GC	N/A

Environmental FirstSearch Sites Summary Report

TARGET SITE:

HICKORY KY 42051

JOB: 01840006

PURCHASE REGIONAL PARK

TOTAL: 57

GEOCODED: 1

NON GEOCODED: 56

SELECTED: 1

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
	FINDS	C W GOODMAN & SONS LUMBER INC 110009745133/FRS	RT 2 HICKORY KY 42051	NON GC	N/A
	FINDS	MID CONTINENT BAPT BIBLE COLLEGE KYD985103654	US HWY 45 HICKORY KY 42051	NON GC	N/A
	FINDS	SEABOARD FARMS OF KY INC KYD985103662	HWY 45 HICKORY KY 42051	NON GC	N/A
	FINDS	W FORK POND RIVER FRS NO 2 DAM KY0000976142	HWY 107 DOGWOOD KY 42051	NON GC	N/A
	FINDS	FOLSOMDALE MILLING CO KY0000954842	RT 2 BOAZ KY 42027	NON GC	N/A
	FINDS	WEST FORK CLARKS RIVER FRS NO 33 D KY0000973743	OFF HWY 994 BOAZ KY 42027	NON GC	N/A
	FINDS	WILSON OAK RIDGE FARM KYD981853021	RT 2 BOAZ KY 42027	NON GC	N/A
	FINDS	WILSON OAK RIDGE FARM 110003233126/FRS	BOX 140 BALDREE ROAD E BOAZ KY 42027	NON GC	N/A
	FINDS	OLD HICKORY CLAY CO KY0000983114	KY HWY 131 HICKORY KY 42051	NON GC	N/A
	FINDS	RILEY & STONE RECYCLING CO KY0001342955	HWY 1241 HICKORY KY 42051	NON GC	N/A
	HMIRS	MONTGOMERY TANK LINES INC 1999010108/HIGHWAY (FOR HIRE)	HICKORY KY 42051	NON GC	N/A
	NPDES	KYG840060/MINOR	MILBURN KY 42051	NON GC	N/A
	NPDES	PURCHASE TRAINING CENTER KY0080101/ACTIVE	HWY 45 GRAVES COUNTY KY 42051	NON GC	N/A
	NPDES	KYG840265/MINOR	HICKORY KY 42051	NON GC	N/A
	NPDES	KYR001250/MINOR	KY 42051	NON GC	N/A
	NPDES	KYR000603/MINOR	KY 42051	NON GC	N/A
	NPDES	KYG840135/MINOR	HICKORY KY 42051	NON GC	N/A
	NPDES	KYG840125/MINOR	HICKORY KY 42051	NON GC	N/A
	NPDES	KYA100153/MINOR	GRAVES COUNTY KY 42027	NON GC	N/A
	NPDES	KYG840081/MINOR	HICKORY KY 42051	NON GC	N/A

**Environmental FirstSearch
Sites Summary Report**

TARGET SITE:

HICKORY KY 42051

JOB: 01840006

PURCHASE REGIONAL PARK

TOTAL: 57

GEOCODED: 1

NON GEOCODED: 56

SELECTED: 1

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
	NPDES	KY0093874/MINOR	HICKORY KY 42051	NON GC	N/A
	NPDES	KY0084701/MINOR	HICKORY KY 42051	NON GC	N/A
	NPDES	KYG840093/MINOR	HICKORY KY 42051	NON GC	N/A
	RCRANLR	WILSON OAK RIDGE FARM KYD981853021/NLR	BOX 140 BALDREE ROAD E BOAZ KY 42027	NON GC	N/A
	STATE	TERRY LEONARD PROPERTY KYST-0304-125173/ACTIVE	BOAZ KY 42027	NON GC	N/A
	STATE	REED PROVINE PROPERTY KYST-0304-114681/ACTIVE	BOAZ KY 42027	NON GC	N/A
	STATE	KENNETH THURSTON PROPERTY KYST-0304-125174/CLOSED	BOAZ KY 42027	NON GC	N/A
	STATE	WEST VIOLA PAINT KYST-0768/CLOSED	WEST VIOLA KY 42051	NON GC	N/A
	STATE	UNKNOWN B4587/ACTIVE	WEST VIOLA KY 42051	NON GC	N/A
	SWL	CONAGRA POULTRY COMPANY LANDFARM 042-00023/APPLICATION APPROVED	2653 ST RD 1241 HICKORY KY 42051	NON GC	N/A
	SWL	BENS RECYCLING 042-00027/APPLICATION APPROVED	12180 US 45 BOAZ KY 42027	NON GC	N/A
	TRIS	SEABOARD FARMS OF KY INC. KYD985103662/OPEN	HWY. 45 N. HICKORY KY 42051	NON GC	N/A
	TRIS	PILGRIM S PRIDE CORP MAYFIELD PLAN 42051SBRDFUS45N/OPEN	2653 ST RT 1241 HWY 45 S HICKORY KY 42051	NON GC	N/A
	UST	FRISTOES FOOD MART 3528042	41 ST RTE 408 E HICKORY KY 42051	NON GC	N/A
	UST	GOODMAN SAWMILL (GOODMAN LUMBER) 1004042	RT 2 HWY 131 PO BOX 149 HICKORY KY 42051	NON GC	N/A
	UST	OLD HICKORY CLAY CO 2934042	HWY 1241 HICKORY KY 42051	NON GC	N/A

**Environmental FirstSearch
Site Detail Report**

TARGET SITE:

HICKORY KY 42051

JOB: 01840006

PURCHASE REGIONAL PARK

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 1

DIST/DIR: 0.00 --

MAP ID: 1

NAME: HANCOCKS MARKET
ADDRESS: 6155 ST RT 1241
HICKORY KY 42051

REV: 1/21/05
ID1: 873042
ID2:
STATUS:
PHONE:

CONTACT: JOHN HANCOCK

OWNER INFORMATION

OWNER NAME: JOHN HANCOCK
OWNER ADDRESS: 6155 SR 1241 SO
HICKORY KY 42051

TANK INFORMATION

TANK NUMBER:	1	TANK STATUS:	ACTIVE
TANK INSTALLED DATE:	1/1/1986	TANK CAPACITY:	6000 GALLONS
CONTAINED DATE:		REMOVED DATE:	
CLOSED DATE:		TEMP CLOSED:	
INERT MATERIAL:		TANK CONTENTS:	GASOLINE
CONSTRUCTION MATERIAL:	DOUBLE WALL STEEL		
CORROSION PROTECTION:	FIELD INSTALLED CATHODIC PROTECTION		
RELEASE DETECTION:	STATISTICAL INVENTORY RECONCILIATION		
INTERNAL PROTECTION:	INTERNAL LINING NOT APPLICABLE		
OVERFILL PROTECTION:	AUTOMATIC SHUTOFF DEVICE		
SECONDARY CONTAINMENT:	CATCHMENT BASIN		
PIPE MATERIAL:	STEEL		
PIPE TYPE:	SUCTION		
CORROSION PROTECTION:	FIELD INSTALLED CATHODIC PROTECTION		
PIPE RELEASE DETECTION:	STATISTICAL INV. RECON.		
SECONDARY CONAINMENT:			

TANK NUMBER:	2	TANK STATUS:	ACTIVE
TANK INSTALLED DATE:	1/1/1986	TANK CAPACITY:	6000 GALLONS
CONTAINED DATE:		REMOVED DATE:	
CLOSED DATE:		TEMP CLOSED:	
INERT MATERIAL:		TANK CONTENTS:	DIESEL
CONSTRUCTION MATERIAL:	DOUBLE WALL STEEL		
CORROSION PROTECTION:	FIELD INSTALLED CATHODIC PROTECTION		
RELEASE DETECTION:	STATISTICAL INVENTORY RECONCILIATION		
INTERNAL PROTECTION:	INTERNAL LINING NOT APPLICABLE		
OVERFILL PROTECTION:	AUTOMATIC SHUTOFF DEVICE		
SECONDARY CONTAINMENT:	CATCHMENT BASIN		
PIPE MATERIAL:	STEEL		
PIPE TYPE:	SUCTION		
CORROSION PROTECTION:	FIELD INSTALLED CATHODIC PROTECTION		
PIPE RELEASE DETECTION:	STATISTICAL INV. RECON.		
SECONDARY CONAINMENT:			

**Environmental FirstSearch
Federal Database Descriptions**

ASTM Databases:

CERCLIS: Comprehensive Environmental Response Compensation and Liability Information System. The EPA's database of current and potential Superfund sites currently or previously under investigation. Source: Environmental Protection Agency.

Updated quarterly.

CERCLIS-NFRAP (Archive): Comprehensive Environmental Response Compensation and Liability Information System Archived Sites. The Archive designation means 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). 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.

Updated quarterly.

ERNS: Emergency Response Notification System. The EPA's database of emergency response actions. Source: Environmental Protection Agency. Data since January, 2001, has been received from the National Response Center as the EPA no longer maintains this data.

Updated quarterly.

FINDS: The Facility Index System. The EPA's Index of identification numbers associated with a property or facility which the EPA has investigated or has been made aware of in conjunction with various regulatory programs. Each record indicates the EPA office that may have files on the site or facility. Source: Environmental Protection Agency.

Updated semi-annually.

NPL: National Priority List. The EPA's list of confirmed or proposed Superfund sites. Source: Environmental Protection Agency.

Updated quarterly.

RCRIS: Resource Conservation and Recovery Information System. The EPA's database of registered hazardous waste generators and treatment, storage and disposal facilities. Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List). Source: Environmental Protection Agency.

RCRA TSD: Resource Conservation and Recovery Information System Treatment, Storage, and Disposal Facilities. The EPA's database of RCRIS sites which treat, store, dispose, or incinerate hazardous waste. This information is also reported in the standard RCRIS detailed data.

ASTM Database Descriptions (continued):

RCRA COR: Resource Conservation and Recovery Information System Corrective Action Sites. The EPA's database of RCRIS sites with reported corrective action. This information is also reported in the standard RCRIS detailed data.

RCRA GEN: Resource Conservation and Recovery Information System Large, Small, and Very Small Quantity Generators. The EPA's database of RCRIS sites that create hazardous waste or meet other RCRA requirements. Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List).

RCRA NLR: Resource Conservation and Recovery Information System sites No Longer Regulated. FirstSearch's proprietary database of Resource Conservation and Recovery Information System sites that the EPA cannot categorize.

All RCRA databases are Updated quarterly

Environmental FirstSearch Federal Database Descriptions

Non-ASTM Databases:

HMIRS: Hazardous Materials Incident Response System. This database contains information from the US Department of Transportation regarding materials, packaging, and a description of events for tracked incidents.

Updated quarterly.

NCDB: National Compliance Database. The National Compliance Data Base System (NCDB) tracks regional compliance and enforcement activity and manages the Pesticides and Toxic Substances Compliance and Enforcement program at a national level. The system tracks all compliance monitoring and enforcement activities from the time an inspector conducts and inspection until the time the inspector closes or the case settles the enforcement action. NCDB is the national repository of the 10 regional and Headquarters FIFRA/TSCA Tracking System (FTTS). Data collected in the regional FTTS is transferred to NCDB to support the need for monitoring national performance of regional programs.

Updated quarterly

NPDES: National Pollution Discharge Elimination System. The EPA's database of all permitted facilities receiving and discharging effluents. Source: Environmental Protection Agency.

Updated semi-annually.

NRDB: National Radon Database. The NRDB was created by the EPA to distribute information regarding the EPA/State Residential Radon Surveys and the National Residential Radon Survey. The data is presented by zipcode in Environmental FirstSearch Reports. Source: National Technical Information Service (NTIS)

Updated Periodically

Nuclear: The Nuclear Regulatory Commission's (NRC) list of permitted nuclear facilities.

Updated Periodically

PADS: PCB Activity Database System

The EPA's database PCB handlers (generators, transporters, storers and/or disposers) that are required to notify the EPA, the rules being similar to RCRA. This database indicates the type of handler and registration number. Also included is the PCB Transformer Registration Database.

Updated semi-annually.

Receptors: 1995 TIGER census listing of schools and hospitals that may house individuals deemed sensitive to environmental discharges due to their fragile immune systems.

Updated Periodically

Non-ASTM Database Descriptions (continued):

RELEASES: Air and Surface Water Releases. A subset of the EPA's ERNS database which have impacted only air or surface water.

Updated semi-annually.

Soils: This database includes the State Soil Geographic (STATSGO) data for the conterminous United States from the United States Geographical Survey (USGS).. It contains information regarding soil characteristics such as water capacity, percent clay, organic material, permeability, thickness of layers, hydrological characteristics, quality of drainage, surface, slope, liquid limit, and the annual frequency of flooding. National Resources Conservation Services Soil Survey Geographic (SSURGO) database, and the USGS Digital Data Series bedrock data.

Updated annually

TRIS: Toxic Release Inventory System. The EPA's database of all facilities that have had or may be prone to toxic material releases. Source: Environmental Protection Agency.

Updated semi-annually.

Federal Wells: The United State Geographic Survey (USGS) Groundwater Inventory Sites

Updated annually

**Environmental FirstSearch
Kentucky Database Descriptions**

1. LANDFILLS: The Kentucky Department for Environmental Protection listing of contained and construction/demolition debris landfills as maintained by the Division of Waste Management Solid Waste Program.

Updated Yearly

2. STATE SITES: The Kentucky Department for Environmental Protection State Lead List as maintained by the Division of Waste Management Superfund Branch.

Updated Quarterly

3. UST: Underground Storage Tanks. The Kentucky Department for Environmental Protection listing of all underground storage tanks as maintained by the Underground Storage Tanks Branch.

Updated Quarterly

4. LUST: Leaking Underground Storage Tanks. Kentucky Department for Environmental Protection LUST database SB 193 (State Bill 193)

Updated quarterly

Environmental FirstSearch Federal Database Sources

CERCLIS: The EPA's Comprehensive Environmental Response Compensation and Liability Information System database. Updated quarterly

CERCLIS NFRAP: The EPA's Comprehensive Environmental Response Compensation and Liability Information System archived sites. Updated quarterly

ERNS: The EPA's Emergency Response Notification System. Updated quarterly

FED OTHER: The EPA's Section Seven Tracking System. Updated Quarterly

FINDS: The EPA's Facility Index System. Updated as new data becomes available

HMIRS: The EPA's hazardous Materials Incident Response System Updated quarterly

NCDB: The EPA's National Compliance Database. Updated quarterly

NPDES: The EPA's National Pollution Discharge Elimination System Updated quarterly

NPL: The EPA's list of confirmed or proposed Superfund Sites Updated quarterly

NRDB: The National Technical Information Service's National Radon Database
lated as new data becomes available

NUCLEAR: The Nuclear Regulatory Commission's list of permitted nuclear facilities. Updated periodically

PADS: The EPA's PCB handlers database. Updated quarterly

RCRA COR: The EPA's Resource Conservation and Recovery Information System's Corrective Action Sites. Updated quarterly

RCRA GEN: The EPA's Resource Conservation and Recovery Information System's Generators and Transporters. Updated quarterly

RCRA NLR: FirstSearch's proprietary database of Resource Conservation and Recovery Information System's that the EPA cannot categorize. Updated quarterly

RCRA TSD: The EPA's Resource Conservation and Recovery Information System's Treatment, Storage, and Disposal facilities. Updated quarterly

RECEPTORS: The 2002 Census listing of schools and hospitals Updated as new data becomes available

RELEASES: The EPA's ERNS air and surface water releases. Updated quarterly

TRIS: The EPA's Toxic Release Inventory System. Updated quarterly

**Environmental FirstSearch
Kentucky Database Sources**

BROWNFIELDS (BF)

Not available

LEAKING UNDERGROUND STORAGE TANKS (LUST)

Kentucky Department for Environmental Protection LUST database SB 193
(State Bill 193)
Updated quarterly

OTHER (OT)

Not available

PERMITS (PE)

Not available

RELEASES (RL)

Not available

90 SPILLS (SP)

Not available

80 SPILLS (80)

Not available

STATE SITES (ST)

Kentucky Department for Environmental Protection State Lead List
Updated quarterly

SOLID WASTE LANDFILLS (SWL)

Kentucky Department for Environmental Protection listing of contained and
construction/demolition debris landfills
Updated annually

UNDERGROUND STORAGE TANKS (UST)

Kentucky Department for Environmental Protection listing of all
underground storage tanks
Updated quarterly

GIS Sources

AREAS OF CRITICAL ENVIRONMENTAL CONCERN (ACEC)

Not available

AQUIFERS (AQ)

Not available

STATE WELLS (FWS)

Not available

Environmental FirstSearch
Street Name Report for Streets within .25 Mile(s) of Target Property

TARGET SITE:

HICKORY KY 42051

JOB: 01840006

PURCHASE REGIONAL PARK

Street Name	Dist/Dir	Street Name	Dist/Dir
Beasley Loop	0.00 --		
Davenport Rd	0.00 --		
East Baldree Rd	0.00 --		
East Sawyer Rd	0.01 SE		
Ethel Rd	0.00 --		
Holmes Rd	0.00 --		
Kenneth Ln	0.20 SE		
Knight Rd	0.00 --		
McGee Rd	0.00 --		
Old Plant Rd	0.00 --		
Olden Rd	0.00 --		
Parrott St	0.01 NE		
Skylark St	0.00 --		
State Highway 1241	0.00 --		
State Highway 408 E	0.01 SE		
State Highway 849 E	0.00 --		
State Highway 849 W	0.00 --		
United States Highwa	0.00 --		
Whitis St	0.00 --		
Whittemore Rd	0.00 --		

Environmental FirstSearch
1 Mile Radius from Area
ASTM Map: NPL, RCACOR, STATE Sites



, HICKORY KY 42051



Source: 2001 U.S. Census TIGER Files

- Area Polygon
- Identified Site, Multiple Sites, Receptor
- , Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste
- roads

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius

Environmental FirstSearch
.5 Mile Radius from Area
ASTM Map: CERCLIS, RCRATSD, LUST, SWL



HICKORY KY 42051



Source: 2001 U.S. Census TIGER Files

- Area Polygon
- Identified Site, Multiple Sites, Receptor
- , Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste
- , Roads

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius

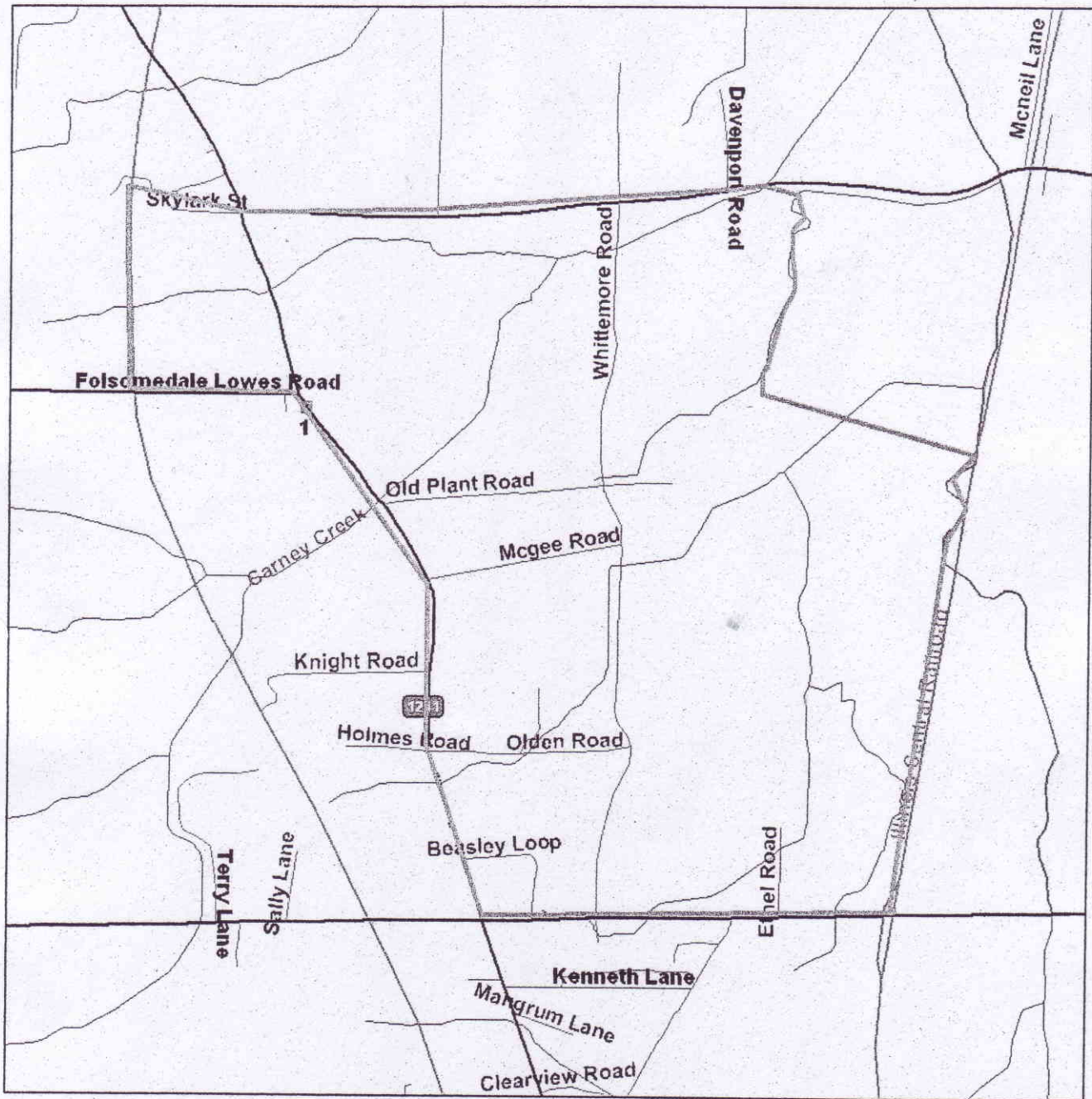


Environmental FirstSearch

.25 Mile Radius from Area
ASTM Map: RCRAGEN, ERNS, UST



, HICKORY KY 42051



Source: 2001 U.S. Census TIGER Files

- Area Polygon
- Identified Site, Multiple Sites, Receptor
- Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste
- roads

Black Rings Represent 1/4 Mile Radii; Red Ring Represents 500 ft. Radius