

ENVIRONMENTAL CONDITION OF PROPERTY REPORT

**U.S. ARMY RESERVE CENTER (KY076)
Benjamin J. Butler Building
3600 Century Division Way
Louisville, Kentucky 40205**

Prepared For:

**U.S. Army Corps of Engineers – Louisville District
Engineering Division – Environmental Engineering Branch
600 Dr. Martin Luther King, Jr. Place
Louisville, Kentucky 40202-2232**

June 2007

ENVIRONMENTAL CONDITION OF PROPERTY REPORT SIGNATURE SHEET

All information/documentation provided accurately reflects the environmental condition of the property. This ECP Report is in general accordance with the U.S. Department of Defense (DOD) requirements for completion of an Environmental Condition of Property (ECP) Report.

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The undersigned certifies the contents of this report are in general accordance with DoD policies for the completion of an ECP.



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EXECUTIVE SUMMARY

GEO Consultants, LLC, under contract to the U.S. Army Corps of Engineers (USACE) Louisville District, prepared this Environmental Condition of Property (ECP) report for the MG Benjamin J. Butler U.S. Army Reserve (USAR) Center (Facility ID KY076), which includes the Butler building and the organizational maintenance shop (OMS), hereafter referred to as the "Site" or "USAR Center". The Site is located at 3600 Century Division Way, Louisville, Jefferson County, Kentucky, 40205 and on a portion of an 11.641 acre tract.

This ECP Report was conducted in conformance with primary Department of Defense (DoD) and Army guidance, the DoD's Base Redevelopment and Realignment Manual (BRRM), DoD 4165.66-M, Army Regulations (ARs), and the American Society for Testing and Materials (ASTM) Designation D 6008-96 (2005), Standard Practice for Conducting Environmental Baseline Surveys, as secondary guidance when it was not inconsistent with the primary guidance.

This ECP Report details the history of the property, including the USAR and any prior tenant uses of the Site and the resulting environmental condition of the property.

SITE DESCRIPTION & HISTORICAL USE

The subject USAR Center is located on a portion of an 11.641 acre tract with two permanent structures: the 56,290 square feet Butler Building and the 3,891 square feet former OMS. The USAR Center is currently occupied by the 100th Division (DIV) Headquarters. The U.S. Government originally leased the Site in 1972 for a USAR Center. In 1976, the U.S. Government filed an Amended Declaration of Taking and Amended Complaint of Condemnation on March 26, 1976. Per the Agreed Order from 1979, the U.S. Government owned this property since 1976.

Based on a review of aerial photographs, Sanborn Fire Insurance Maps, and U.S. Geological Survey (USGS) topographical maps dating back to 1960, the Site was owned by the Louisville and Jefferson County Air Board and used by the Kentucky National Guard and the U.S. Army. The Butler building was constructed in or after 1979 and the OMS building was constructed in the early 1960's.

AREAS ASSESSED FOR ENVIRONMENTAL CONCERN

Areas of potential environmental concern were reviewed and GEO Consultants, LLC found no environmental impacts relating to the USAR use of this property.

Environmental Condition of Property

In accordance with DoD policy defining the classifications (See Sherri Goodman Memorandum dated October 21, 1996), the Property has been classified as Category 1.

This classification does not include categorizing the property based on *de minimus* conditions that generally do not present material risk of harm to the 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.

TABLE OF CONTENTS

SECTION & TITLE	PAGE NO.
LIST OF ACRONYMS	vii
1.0 INTRODUCTION.....	1
1.1 Purpose of Environmental Condition of Property (ECP).....	1
1.2 Scope of Services	2
2.0 SITE LOCATION AND PHYSICAL DESCRIPTION	4
2.1 Site Location	4
2.2 Asset Information	4
2.3 Physical Description.....	4
2.4 Site Hydrology and Geology.....	5
2.4.1 Surface Water Characteristics	5
2.4.2 Hydrogeological Characteristics	6
2.5 Site Utilities	6
2.6 Water Supply Wells & Septic Systems.....	6
3.0 SITE HISTORY	8
3.1 History of Ownership.....	8
3.2 Past Uses and Operations	8
3.3 Past Use, Storage, Disposal, and Release of Hazardous Substances.....	10
3.3.1 Past Use and Storage of Hazardous Substances.....	10
3.3.2 Past Disposal and Release of Hazardous Substances.....	11
3.4 Past Presence of Bulk Petroleum Storage Tanks	11
3.5 Review of Previous Environmental Reports	12
3.5.1 1991 Environmental Audit.....	12
3.5.2 1993 Asbestos Inspection Report.....	12
3.5.3 1993 Radon Testing Results	12
3.5.4 1998 Identification of Polychlorinated Biphenyls (PCBs) Containing Transformers	12
3.5.5 1999 Asbestos and Lead Survey	13
3.5.6 2000 Lead Abatement Report.....	13
3.5.7 2002 Asbestos Inspection Report.....	13
3.5.8 2004 Lead-Based Paint Survey Reports.....	13

3.5.9	2004 Intensive Architectural Survey of Selected Facilities, 81 st Regional Support Command Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee	14
3.5.10	2007 Radon Testing Results	14
4.0	ADJACENT PROPERTIES	15
5.0	REVIEW OF REGULATORY INFORMATION	16
5.1	Federal Environmental Records	16
5.1.1	Federal NPL Sites within 1.0-Mile	16
5.1.2	Federal CERCLIS Sites within ½-Mile	16
5.1.3	RCRA Corrective Action (CORRACTS) Sites within 1.0-Mile	16
5.1.4	RCRA Transport, Treatment, Storage, and/or Disposal Sites within ½-Mile.....	16
5.1.5	Federal RCRA Small and Large Quantity Generators List within ¼- Mile.....	17
5.1.6	Federal Emergency Response Notification System (ERNS) List.....	17
5.2	State and Local Environmental Records	17
5.2.1	State-Registered Landfills or Solid Waste Disposal Sites within ½- Mile.....	17
5.2.2	State-Registered Leaking UST Sites within ½-Mile	18
5.2.3	State-Registered UST Sites within ¼-Mile.....	18
5.2.4	State Spills Incidents (KY Spills).....	18
5.2.5	Records of Contaminated Public Wells.....	18
5.2.6	Voluntary Action Program Sites within ½-Mile	18
5.2.7	State Brownfields Program Sites within ½-Mile	19
5.2.8	State-Registered Sites with Engineering Controls within ½-Mile	19
5.2.9	State-Registered Sites with Institutional Engineering Controls within ½ - Mile.....	19
5.2.10	State-Registered Drycleaning Facilities within ¼-Mile	19
5.3	Tribal Environmental Records	19
5.3.1	Registered Indian Reservations within 1 - Mile	19
5.4	Unmapped Sites.....	19

5.5	Summary of Properties Evaluated to Determine Risk to the Site	20
6.0	SITE INVESTIGATION AND REVIEW OF HAZARDS	21
6.1	Underground/Aboveground Storage Tanks (USTs/ASTs).....	21
6.2	Inventory of Chemicals / Hazardous Substances	21
6.3	Waste Disposal Sites	22
6.4	Pits, Sumps, Drywells, and Catch Basins.....	22
6.5	Asbestos-Containing Material (ACM)	22
6.6	Polychlorinated Biphenyl Containing Equipment	23
6.7	Lead	23
6.8	Radon.....	23
6.9	Munitions and Explosives of Concern (MEC)	23
6.10	Radioactive Materials	24
7.0	REVIEW OF SPECIAL RESOURCES	25
7.1	Land Use.....	25
7.2	Coastal Zone Management	25
7.3	Wetlands	25
7.4	100-Year Flood Plain.....	25
7.5	Natural Resources.....	25
7.6	Cultural Resources.....	25
7.7	Other Special Resources	26
8.0	CONCLUSIONS	27
9.0	REFERENCES.....	29

LIST OF APPENDICES

APPENDIX A: FIGURES

- Figure 1 General Site Location Map
- Figure 2 Site Layout Plan
- Figure 3.1 Interior Layout of Butler Building First Floor
- Figure 3.2 Interior Layout of Butler Building Second Floor
- Figure 4 Interior Layout of OMS Building
- Figure 5 1994 USGS 7.5-Minute Topographic Map, Louisville East, KY
- Figure 6 Flood Plain Map
- Figure 7 1960 USGS 7.5-Minute Topographic Map, Louisville East, KY
- Figure 8 1965 USGS 7.5-Minute Topographic Map, Louisville East, KY
- Figure 9 1971 USGS 7.5-Minute Topographic Map, Louisville East, KY
- Figure 10 1982 USGS 7.5-Minute Topographic Map, Louisville East, KY
- Figure 11 1987 USGS 7.5-Minute Topographic Map, Louisville East, KY
- Figure 12 1993 Aerial Photograph
- Figure 13 2002 Aerial Photograph
- Figure 14 National Wetlands Inventory Map

APPENDIX B: SITE RECONNAISSANCE PHOTOGRAPHS

APPENDIX C: PROPERTY ACQUISITION DOCUMENTS & CHAIN OF TITLE REPORT

APPENDIX D: PREVIOUS ENVIRONMENTAL SITE ASSESSMENT REPORTS

APPENDIX E: REGULATORY DATABASE SEARCH REPORTS

LIST OF ACRONYMS

ACBM	asbestos-containing building material
ACM	asbestos-containing materials
AR	Army Regulation
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
BRAC	Base Realignment and Closure
BRRM	Base Redevelopment and Realignment Manual
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	CERCLA Information System
CFR	Code of Federal Regulations
CORRACTS	RCRA Corrective Action
DIV	Division
DoD	Department of Defense
ECP	Environmental Condition of Property
EDR	Environmental Data Resources, Inc.
EEG	Environmental Enterprise Group, Inc.
ERNS	Emergency Response Notification System
FEMA	Federal Emergency Management Agency
IFR	indoor firing range
IT	Institutional Training
kg	kilogram
LBP	lead-based paint
LJCAB	Louisville and Jefferson County Air Board
MEC	munitions and explosives of concern
MEP	military equipment parking
NFA	no further action
NPL	National Priorities List
NRHP	National Register of Historic Places
O&M	Operations and Maintenance
OMS	organizational maintenance shop
PCBs	polychlorinated biphenyls
pCi/L	picoCuries per liter of air
POV	privately owned vehicle
RCRA	Resource Conservation and Recovery Act
RCRIS	RCRA Information System
RRC	Regional Readiness Command
RSC	Regional Support Command
Site	MG Benjamin J. Butler U.S. Army Reserve Center and OMS
TSD	treat, store, and/or dispose
USACE	U.S. Army Corps of Engineers

LIST OF ACRONYMS (continued)

USAR	U.S. Army Reserve
USEPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey
UST	underground storage tank
WSR	Wild and Scenic River

1.0 INTRODUCTION

GEO Consultants, LLC, under contract to the U.S. Army Corps of Engineers (USACE) Louisville District, Engineering Division, was authorized to conduct an Environmental Condition of Property (ECP) report for the MG Benjamin J. Butler U.S. Army Reserve (USAR) Center (Facility ID KY076), in response to the Base Realignment and Closure (BRAC) 2005 legislation. The facility is located at 3600 Century Division Way, Louisville, Jefferson County, Kentucky, 40205. Facility KY076 is part of what was previously known as the Major Benjamin J. Butler complex, which consists of three buildings; the Main Building (KY046), the Butler Building (KY076), and an organizational maintenance shop (OMS), which is also part of KY076. This report covers the Butler Building and the OMS, hereafter referred to as the "Site". In support of the ECP, site visits were conducted on August 10, 2006 and February 2, 2007. The purpose of the visits were to visually obtain information indicating the likelihood of recognized environmental conditions in connection with the Site.

1.1 PURPOSE OF ENVIRONMENTAL CONDITION OF PROPERTY (ECP)

The Military Department with real property accountability shall assess, determine and document the environmental condition of all transferable property in an ECP Report. This ECP Report is based on readily available information. Pursuant to the Department of Defense's (DoD) policy, set forth in the Base Redevelopment and Realignment Manual (BRRM) (DoD 4165.66-M, March 1, 2006) Section C8.3, the primary purposes of the ECP Report include the following:

- Provide the Army with information it may use to make disposal decisions.
- Provide the public with information relative to the environmental condition of the property.
- Assist in community planning for the reuse of BRAC property.
- Assist Federal agencies during the property screening process.
- Provide information for prospective buyers.
- Assist prospective new owners in meeting the requirements under U.S. Environmental Protection Agency's (USEPAs) "All Appropriate Inquiry" regulations.
- Provide information about completed remedial and corrective actions at the property.
- Assist in determining appropriate responsibilities, asset valuation, and liabilities with other parties to a transaction.

The ECP Report contains the information required to comply with the provisions of 40 Code of Federal Regulations (CFR) Part 373, which require that a notice accompany contracts for the sale of, and deeds entered into, for the transfer of federal property on which any hazardous substance was stored, released or disposed of. The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Section 120(h) stipulates that a notice is required if certain quantities of designated hazardous substances have been stored on the property for one year or more – specifically, quantities exceeding 1,000 kilograms (kg) or the reportable quantity, whichever is greater, of the substances specified in 40 CFR 302.4 or 1 kg of acutely hazardous waste as defined in 40 CFR 261.30. A notice is also required if hazardous substances have been disposed of or released on the property in an amount greater than or equal to the reportable quantity. Army Regulation (AR) 200-1 requires that the ECP Report address asbestos, lead-based paint (LBP), radon, and other substances potentially hazardous to human health.

This ECP Report used the American Society for Testing and Materials (ASTM) Designation D 6008-96 (2005), Standard Practice for Conducting Environmental Baseline Surveys as a guideline when not inconsistent with the BRRM, CERCLA Section 120, ARs, and other applicable Army guidance.

1.2 SCOPE OF SERVICES

This ECP report covers the Butler Building and the OMS building of the USAR Center located at 3600 Century Division Way, Louisville, Jefferson County, Kentucky, 40205. The property is bounded by Cannons Lane and a golf course to the east, business and residential areas to the south, Bowman Field airport and hangars to the west and north. Site maps are provided in Appendix A. Appendix B provides photographs taken during the August 2006 and February 2007 site visits. Appendix C provides the chain of title information. Historical environmental documents and reports are provided in Appendix D. Appendix E contains the environmental database reports.

This ECP report classifies the property into one of seven DoD Environmental ECP categories as defined by ASTM Designation D5746-98 (2002), *Standard Classification of Environmental Condition of Property Area Types for Defense Base Closure and Realignment Facilities*. The property classification categories are as follows:

- ECP Area Category 1 – An area or parcel of real property where no release or disposal of hazardous substances or petroleum products or their derivatives has occurred (including no migration of these substances from adjacent properties).
- ECP Area Category 2 – An area or parcel of real property where only the release or disposal of petroleum products or their derivatives has occurred.
- ECP Area Category 3 – An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, but at concentrations that do not require a removal or remedial action.

- ECP Area Category 4 – An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, and all remedial action necessary to protect human health and the environment have been taken.
- ECP Area Category 5 – An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred and removal or remedial actions, or both, are under way, but all required actions have not yet been taken.
- ECP Area Category 6 – An area or parcel of real property where release, disposal, or migration, or some combination thereof, of hazardous substances has occurred, but required response actions have not yet been initiated.
- ECP Area Category 7 – An area or parcel of real property that is unevaluated or requires additional evaluation.

Areas classified as Area Categories 1 through 4, as defined in this classification, are suitable, with respect to CERCLA 120(h) requirements, for deed transfer to a non-federal recipient.

2.0 SITE LOCATION AND PHYSICAL DESCRIPTION

2.1 SITE LOCATION

The USAR Center is located in the Western portion of Jefferson County, Kentucky, within the city limits of Louisville, Kentucky. The Site is located in a primarily residential area, with an airport located west and north of the property. Figure 1 in Appendix A provides a general site location map.

2.2 ASSET INFORMATION

Facility Name and Address: MG Benjamin J. Butler U. S. Army Reserve Center
(Facility ID KY076),
3600 Century Division Way,
Louisville, Kentucky, 40205

Property Owner: U.S. Government

Date of Ownership: March 26, 1976

Current Occupant: 100th DIV IT U.S. Army Reserve

Zoning: R-1, Single Family Use

County, State: Jefferson County, Kentucky

USGS Quadrangle(s): Louisville East

Latitude/longitude: 38° 13' 38.3" N; 85° 39' 11.9" W

Legal Description:

The USAR Center is referred to as "being that parcel or tract of land, known as Tract No. 100, situated and lying in the City of Louisville, Jefferson County, Commonwealth of Kentucky."

2.3 PHYSICAL DESCRIPTION

The subject USAR Center is situated on an 11.641-acre parcel of land and consists of two permanent structures: a 56,290 square-foot administration and training building, known as the Butler building, and a 3,890 square-foot OMS building. This parcel of property also includes a Main Building (Facility ID KY046), which is not subject to the BRAC05 closure action and this ECP report, is located east of the OMS and north of the Butler building.

The Butler Building is a two-story, concrete post and beam, rectangular building built in 1979 or later. The facility has brick veneer with four narrow vertical windows between the bays with a fixed pane above and awning pane below, with the exception of the leftmost two on the façade. There are two additions on the left side of the structure. The forward addition is a long and narrow, one story structure with inset blank brick walls, formerly the indoor firing range. The rear addition is one and one-half stories tall and has blank, brick veneer walls. It has a large garage door on its rear. The facility is built on a concrete slab (Photographs No. 1 and No. 2, Appendix B).

The former OMS, currently used for storage, is a small one story building, constructed in the early 1960's, adjacent to both the Main building (KY046) and the Butler building. It has concrete block walls with brick veneer that rise from a concrete slab foundation and a flat roof. It has two windows and two garage doors on the front, a row of high windows across the back and a single door. The east and west sides of the building each have a single door that enters into a portion of the main building, the east side also has a separate door that is the only entrance to a "battery storage room". Photographs No. 12 and No. 13 in Appendix B provide views of the OMS. One Conex was located on the east side of the OMS (Photograph No. 54 in Appendix B).

A military equipment parking (MEP) area and two privately owned vehicle (POV) parking areas are also contained within the Site. Photographs No. 9, No. 51 and No. 53 in Appendix B provide views of the MEP and POV areas. Approximately three-fourths of the 11.641-acre property is covered by impervious surface features (e.g. asphalt parking areas, driveways, concrete walkways, building footprints, etc.). The remaining ground surface is covered by lawn area and a sparse population of deciduous trees. Topographically, the Site is relatively flat with minimal relief.

Figure 2 in Appendix A provides a current plan view layout of the Site. Figures 3.1 and 3.2 depict the interior of the Butler building. Figure 4 depicts the interior layout of the OMS.

2.4 SITE HYDROLOGY AND GEOLOGY

2.4.1 Surface Water Characteristics

Figure 5 in Appendix A provides a portion of the 1994 Louisville, Kentucky U.S. Geological Survey (USGS) topographic map which includes the Site. As shown, the Site is situated at an elevation of approximately 524-feet above mean sea level and is relatively flat. Storm water sheet flows into drainage ditches located on or around the Site. The ditches drain into storm drains that empty into one of the Metropolitan Sewer District's system of catch basins that discharge to the Beargrass Creek watershed. A storm drain is also located in the grassy area north of the MEP area near the northern edge of the property boundary. The storm drain empties into the Metropolitan Sewer District's storm water system and is ultimately discharged to a catch basin/small stream.

No surface water features are located on or in the immediate vicinity of the Site. The Ohio River, located approximately four miles north-northwest of the Site, is the closest major surface water feature.

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map, Community Panel 3902530001C, the Site is not included in the 100-year floodplain elevation or the 500-year floodplain elevation. Figure 6 in Appendix A provides a map depicting the extent of the nearest designated 100-year and 500-year floodplains.

2.4.2 Hydrogeological Characteristics

According to information acquired from the Soil Conservation Service's State Soil Geographic Database for Jefferson County, the specific soil type at the Site is from the Crider series. The Crider series is not considered a hydric soil.

The surface soil is generally silty loam. This soil type has slow infiltration rates with layers impeding downward movement of water and is characterized as soil with fine textures. In a typical profile, the surface layer is approximately 12-in. thick and is a silty loam. The subsoil is approximately 38-in. thick and is also silty loam, with clayey soils.

2.5 SITE UTILITIES

Water Service – The Louisville Water Company provides potable water service to the Site. The OMS is connected to the Main Building (KY046) for water service. The Butler building (KY076) has a separate metered line for water service.

Sanitary Sewer System – The Metropolitan Sewer District provides sanitary sewer service to the Site. The primary source of wastewater that is directed to the city sewer system includes non-process wastewater such as bathrooms, sinks, etc.

Gas & Electric – Louisville Gas & Electric provides gas and electric service to the Site. The OMS and the Main Building (KY046) are connected on one metered line for electric service. The Butler building (KY076) has a separate metered line for electrical service. The OMS, the Main Building (KY046), and the Butler building (KY076) are joined on the same gas line. Federal codes require that each customer have their own utility service and cannot receive services through another customer.

2.6 WATER SUPPLY WELLS & SEPTIC SYSTEMS

Based upon a review of available historical site and agency records and interviews with site personnel, no water supply well nor a septic system has ever been located at the Site.

A search of Federal and State water well databases identified one water supply source located approximately 1/4 - 1/2 mile southeast and topographically up-gradient of the Site. Eighteen groundwater monitoring wells are located within one-mile of the Site.

3.0 SITE HISTORY

3.1 HISTORY OF OWNERSHIP

Land titles for the Site originating from 1940 were reviewed. Appendix C contains a chain of title report completed for the Site. The chain of title report did not identify any leases or environmental liens against the USAR Center property. According to historical documentation, the United States of America filed an Amended Declaration of Taking and Amended Complaint of Condemnation for the Tract 100 on March 26, 1976, from the Louisville and Jefferson County Air Board (LJCAB). Prior to the U.S. Government's purchase of the land, the property was owned by the LJCAB for use by the Kentucky National Guard and the U.S. Army, as indicated on historical Sanborn fire insurance maps. Appendix E provides a copy of the historical Sanborn fire insurance maps obtained from Environmental Data Resources, Inc. (EDR).

Available business directories including City, cross-reference, and telephone directories were reviewed, if available, at approximately five-year intervals for the years spanning 1964 through 2004. According to a City Directory provided by EDR and dated February 5, 2007, the address of the USAR Center was first listed in the research source (Polk Directory) in 2006. Subsequent city directory searches do not list the exact address of the Site. A copy of the City Directory is included in Appendix E.

3.2 PAST USES AND OPERATIONS

The LJCAB purchased property in 1940, which included the Site. The property was used for the Kentucky National Guard based on historical information sources (Sanborn Fire Insurance Maps, topographical maps). In 1972, the U.S. Government leased the Site from the LJCAB for use as a reserve and mobilization center for the U.S. Army Reserve. In 1976, the U.S. Government purchased the land from the LJCAB through an Amended Declaration of Taking and Amended Complaint of Condemnation. Construction of the Butler building occurred in 1979. Review of historical topographical maps indicates that construction of the OMS building occurred in the early 1960's.

The Site has primarily functioned and is still utilized as an administrative, logistical, and educational facility. The OMS is currently used for storage. Historical operations in the OMS building included limited maintenance of military vehicles. The Site was historically used by reservists for drill activities on various weekends throughout the year. The 100th Division (DIV) Institutional Training (IT) is the current occupant at the Butler building, and uses the Site for administrative purposes. The mission of the 100th DIV IT is to provide quality military training and education in Combat Support, Combat Service Support and Initial Entry Training through formal classroom and hands-on training. At the time of the site visit, the Butler building was comprised of numerous offices, a military museum, a computer server room, an arms vault, distance learning

centers, classrooms, storage areas, kitchen, and break room (Photographs No. 14 through No. 41). A former indoor firing range (IFR) was located on the southern side of the building and was officially closed in 1993. The former IFR was cleaned in accordance with federally recognized standards. Upon completion of cleanup, lead levels were below clearance levels and the area was approved for reoccupancy. This area is currently used for storage.

The OMS building was formerly used to perform limited maintenance activities on military equipment. Activities inside the OMS building were limited to preventative maintenance checks, including checking vehicle fluids such as motor oil, water, and antifreeze, and light maintenance activities. Any equipment requiring heavier maintenance activities was sent to an Area Maintenance and Support Activity shop located at one of the other Reserve Centers in Kentucky. Equipment requiring major overhaul was also sent off site.

At the time of the August 2006 site visit, the OMS building contained a flammable materials cabinet with three five-gallon fuel containers (Photograph No. 42 and No. 43, Appendix B). Miscellaneous materials, such as small cans of paint and adhesive, were observed being stored in another room. Stored materials in the bay area included a box of spent fluorescent light bulbs, excess furniture, and unopened boxes of supplies, including two with flammable materials labels (Photographs No. 44 and No. 45 in Appendix B). A separate storage room located in the back of the OMS building contained a parts washer, a 55-gallon drum of paint, and a five-gallon pail of degreaser (Photographs No. 47 through No. 50 in Appendix B).

No military vehicles were observed in the MEP at the time of the Site visits.

Vehicle washing historically occurred near the OMS building on the vehicle wash rack. The OMS Plumbing, Heating, and Ventilating blueprints from 1975 depict the location of an oil-water interceptor. The wash rack and oil-water interceptor were removed in or after 1998. The concrete wash pad is still present (Photograph No. 52, Appendix B). A Conex containing field equipment such as tables, easels, and a tent is located by the wash pad (Photograph No. 54, Appendix B)

Historical aerial photographs, Sanborn Fire Insurance Maps, and topographic maps were the primary source of information on the past use and operations at the Site. Figures 7 through 12 in Appendix A provide USGS topographical maps of the Site. Aerial views of the surrounding areas and site from 1993 and 2002 are presented in Figures 13 and 14 of Appendix A. The Sanborn Fire Insurance Maps are located in Appendix E.

The 1960 USGS topographical map (Figure 7, Appendix A) shows the Main Building (KY046), residential areas, and the Bowman Field airport. The Veterans Housing Project is visible west of the Site, next to the airport. The Big Spring Country Club is east of the Site. The parachute training buildings and area is present at the location of the future Butler Building. The OMS had not been constructed at that time.

The 1965 USGS topographical map (Figure 8, Appendix A) shows the Main Building (KY046), residential areas, and the Bowman Field airport. The OMS building appears to have been constructed by this time. The Veterans Housing Project appears to have been removed. The parachute training buildings and area are still present at the location of the future Butler Building.

The 1971 USGS topographical map (Figure 9, Appendix A) shows the Main Building (KY046), the OMS building, residential areas, and the Bowman Field airport.

The 1982 USGS topographical map (Figure 10, Appendix A) shows the Main Building (KY046), the OMS building, residential areas, and the Bowman Field airport. Additional airplane hangars have been constructed west of the Site. Sidney Park Drive has been constructed north of the Site. The Butler building is present at this time.

The 1987 USGS topographical map (Figure 11, Appendix A) shows the Main Building (KY046), the OMS building, residential areas, and the Bowman Field airport. The Butler building is present. Additional airplane hangars have been constructed west of the Site.

The 1994 USGS topographical map (Figure 5, Appendix A) shows KY076 (the Butler Building and the OMS building), residential areas, and the Bowman Field airport.

The 1993 aerial photograph (Figure 12, Appendix A) shows the Main Building (KY046) and the KY076 facilities (the Butler building and the OMS). Surrounding the Site is the USAR Complex, with Bowman Field to the west and Big Springs Golf Course to the east.

The 2002 aerial photograph (Figure 13, Appendix A) shows the Site as it currently exists. The Big Springs Golf Course lies on the other side of Cannons Lane and is visible to the east of the Site. Directly to the northwest is the Jefferson County Air Pollution Control Board Vehicle Emissions Testing Facility. West of the Site is the rest of the USAR Complex. Southwest of the Site is the Kentucky State Police buildings. Directly south of the Site is a field and southeast of the Site is the Jewish Family & Vocational Service. Beyond the complex to the west of the Site are the hangars and Bowman Field. Single-family residences and the Jewish Community Center are visible further south of the Site.

3.3 PAST USE, STORAGE, DISPOSAL, AND RELEASE OF HAZARDOUS SUBSTANCES

3.3.1 Past Use and Storage of Hazardous Substances

Information related to the past use and storage of hazardous substances at the Site was compiled through review of available site records, search of Federal and State environmental databases, and interviews with Army Reserve personnel.

Chemicals formerly used and stored at the Site were associated with vehicle maintenance activities, kitchen cleaning, facility maintenance, office supplies, and janitorial services. Janitorial chemicals were observed stored within the janitorial

closets. Office supplies were stored within the previous firing range area (Photographs No. 14 and No. 15, Appendix B). Various unused chemicals and products were stored in a small room by the kitchen. These chemicals included but are not limited to lighter fluid, toluene, WD-40, and other miscellaneous products (Photographs No. 28 through No. 30, Appendix B). Vehicle maintenance products and small amounts of petroleum, oil, and lubricant products were also stored within designated areas within the OMS building.

Certain types of chemical products used and stored at the Site would have contained CERCLA hazardous substances and would have been stored on a rotational basis in amounts necessary to support the unit through direct support level maintenance. However, there is no indication that CERCLA hazardous substances were stored at the Site for one year or more in excess of corresponding reportable quantities.

3.3.2 Past Disposal and Release of Hazardous Substances

Information related to past disposal and potential release of hazardous substances at the Site was compiled through review of available site records, search of Federal and State environmental databases, and interviews with Army Reserve personnel. According to Army Reserve personnel and site records, there is no evidence that hazardous substances above reportable quantities were released or disposed at the Site. No stained soil or stressed vegetation was observed during the August 2006 site visit. Additionally, the MEP area and POV parking area did not show any signs of staining and no noxious or foul odors were noted during the August 2006 site visit. Snow prevented additional observations during the February 2, 2007 site visit.

3.4 PAST PRESENCE OF BULK PETROLEUM STORAGE TANKS

Based upon a review of available site records, a search of Federal and State environmental databases, and interviews with Army Reserve personnel, it does not appear that aboveground storage tanks (ASTs) or underground storage tanks (USTs) ever existed at the Butler Building or OMS. One UST for heating oil was located adjacent to the Main Building (KY046), which is not part of this ECP Report. It was reportedly removed in the early 1990's. A corrective action plan was submitted and implemented in 2003. Correspondence dated October 6, 2003, from the Commonwealth of Kentucky Division of Waste Management states that no further action (NFA) is required.

Based on review of historical records, an oil-water interceptor was present on Site, however there was no used oil storage tank associated with it. The oil-water interceptor discharged to the sanitary sewer system and was removed around 1998.

3.5 REVIEW OF PREVIOUS ENVIRONMENTAL REPORTS

A review of site records produced several reports pertaining to the Site. The following subsections provide a brief summary of these reports. Copies of the reports, unless otherwise specified, are provided in Appendix D.

3.5.1 1991 Environmental Audit

The Fort Knox Directorate of Engineering and Housing's Environmental Management Division contracted Howard K. Bell Consulting Engineers, Inc. (1991 Environmental Audit) to perform an audit in 1991 for the Main Building (KY046) and KY076, which is the Butler Building, and the OMS. The purpose of the audit was to identify any obvious areas of environmental non-compliance and/or contamination. The audit focused on seven environmental areas. Five recommendations were proposed: closure of the UST at KY046, additional surveys of the facility to quantify the asbestos, submit a maintenance schedule/plan for the oil-water interceptor and verify that a discharge permit is not required for the interceptor, confirm the method and disposal of lead waste from the firing range, and evaluate the facility to verify that a hazardous waste permit is not required.

3.5.2 1993 Fort Knox Asbestos Inspection Report, Bowman #3

RMT, Inc. conducted an inspection to identify asbestos containing materials (ACM) for the USAR Buildings in Louisville, Kentucky. Potential types, quantities, locations, and conditions of asbestos were examined in the reports. Confirmed ACM was found to be present in the Butler building in the floor mastic and the roof HVAC units. The ACM in the Butler building was in good condition and non-friable. Asbestos containing fitting insulation was found throughout the OMS building. The insulation in the OMS was considered in good condition and was of low friability.

3.5.3 1993 Radon Testing Results

Correspondence dated June 30, 1993, presents results from radon testing for the 100th DIV and the 125th USAR. The results presented for Bowman Field were below 4.0 picoCuries per liter of air (pCi/L), which is the USEPA's recommended action level.

3.5.4 1998 Identification of Polychlorinated Biphenyls (PCBs) Containing Transformers

Green Consulting Services conducted an inspection of the transformers and light ballasts on the three USAR properties located at Bowman Field in Louisville, Kentucky. The facilities included the Site (KY076), and two other USAR Centers, the USAR Center at 3590 Century Division Way (KY046), and the USAR Center at 2901 Gast Boulevard (KY048). The report indicated that seven of the transformers located on or near the USAR Centers did not contain polychlorinated biphenyls (PCBs) and three transformers

did. The location of the three PCB containing transformers is unclear in the Green Consulting Services report. As stated in the aforementioned report, all of the light ballasts on the properties had been retrofitted since 1980.

3.5.5 1999 Asbestos and Lead Survey

The 81st Regional Support Command (RSC) Facility Area Support Team #1 contracted Science Applications International Corporation to perform asbestos and lead surveys for the identification, quantification, and assessment of asbestos and lead at the Butler Building. The analysis presented in the 1999 Asbestos and Lead Survey report indicates the presence of asbestos in the floor mastic in the Butler building. No exposed mastic was noted and the floor tiles were in good condition.

All lead levels were below the USEPA's classification for LBP.

3.5.6 2000 Lead Abatement Report

South Carolina Research Authority Environmental Enterprise Group, Inc. (EEG) was retained to perform a lead dust survey and abatement for the former indoor firing range at the Butler building. An encapsulation material was applied to the floors and accessible surfaces to reduce the levels of lead in the dust contamination to the USEPA and U.S. Department of Housing and Urban Development acceptable levels. Remaining recommendations included utilizing lead controls anytime the ventilations system is worked on or disturbed or any time the backstop deflector plates require work.

3.5.7 2002 Asbestos Inspection Report

EEG, Inc. conducted an inspection to identify asbestos containing building materials (ACBM) for the U.S. Army Reserve Center – Louisville 3, which is Site. Potential types, quantities, locations, and conditions of asbestos were examined in the report. Confirmed non-friable ACBM was found to be present in the Butler building in the floor mastic. No ACBM was identified in the OMS.

3.5.8 2004 Lead-Based Paint Survey Reports

The 81st RSC retained EEG to identify the locations of LBP at the USAR Center in Louisville. The components that contained consistently detectable amounts of lead in the OMS were the exterior and interior doors, casings and lintels as well as structural steel components. The interior door casings in the Butler building contained minimal amounts of lead.

3.5.9 2004 Intensive Architectural Survey of Selected Facilities, 81st Regional Support Command Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee

This document was prepared for the 81st RSC by the Brockington and Associates, Inc. The purpose of this document was to inventory eighteen properties controlled or leased by the 81st RSC in the states of Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee. Historical information, setting and landscape, cultural resources, security, architectural information, and structure descriptions are included for each property. Each facility was also assessed for its eligibility in the National Register of Historic Places (NRHP). The pertinent information regarding the subject Site has been extracted from the report and is included in Appendix D. Neither the Butler building nor the OMS met the criteria for inclusion in the NRHP.

3.5.10 2007 Radon Testing Results

Correspondence dated January 12, 2007, presents results from radon testing for the 100th DIV Butler Building. The results presented were above 4.0 pCi/L, which is the USEPA's recommended action level. However, according to the Area 1 Environmental Manager for the 81st Regional Readiness Command (RRC), a number of the radon sample kits were defective and this facility was retested by the U.S. Army in February and March 2007 to confirm results.

The February 2007 radon test results indicate the presence of radon at 13.5 pCi/L. Additional radon tests were performed in March 2007 at two locations within the Butler Building for a period of 20 days. One location, identified as CMD, had a result of 4.1 pCi/L and the other location, identified as storage, had a result of 18.3 pCi/L.

4.0 ADJACENT PROPERTIES

Figure 13 in Appendix A provides a 2002 aerial view of the Site and adjacent properties. Table 1 provides a list of adjacent properties with their directional location in regards to the Site. The zoning of the adjacent parcels is also listed in Table 1. Photographs No. 1 through No. 6 in Appendix B provide views of adjacent properties and surrounding land use.

TABLE 1 LIST OF ADJACENT PROPERTIES			
Direction From Site	Name/Type of Property	Address	Zoning
North	Louisville Jefferson County Air Board (former VET building)	2730 Cannons Lane Louisville, KY 40205	R-4, Single Family Residential
South-South East	Jewish Family & Vocational Service	3587 Dutchmans Lane Louisville, KY 40205	OTF-Office/Residential
East	Big Spring Country Club Golf Course	5901 Dutchmans Lane Louisville, KY 40205	R-4, Single Family Residential
East	USAR Center KY046, Building P-1	3590 Century Division Way Louisville, KY 40205	R-4, Single Family Residential
West	Col. Earl E. Major Building USAR Center (KY048)	2901 Gast Blvd. Louisville, KY 40205	R-1, Single Family Residential
Southwest	Kentucky State Police	3454 Roger E. Schupp St. Louisville, KY 40205	R-1, Single Family Residential
Southwest	Louisville Jefferson County Metro Drivers Licensing Application And Renewals	3501 Roger E Schupp St. Louisville, KY 40205	R-1, Single Family Residential

Appendix A, Appendix D, and Appendix E provide historical aerial photographs, topographic maps, environmental reports, and environmental database results, which were used to evaluate any potential environmental impacts on adjacent properties that may have also impacted the environmental condition at the Site. Land use at all adjacent properties does not appear to have changed significantly over the years and does not appear to have impacted the environmental conditions of the USAR Center.

5.0 REVIEW OF REGULATORY INFORMATION

A component of the ECP is the review of all reasonably obtainable federal, state, and local government records for the Site and surrounding properties, where there has been a release or likely release of any hazardous substance or any petroleum product, and which is likely to cause or contribute to a release or threatened release of any hazardous substance or any petroleum product on the Federal real property. A regulatory database summary was acquired from EDR on February 1, 2007. The regulatory database summary consolidates standard federal, state, local, and tribal environmental record sources based on ASTM recommended minimum search distances from the Site. A copy of the complete EDR report is included in Appendix E.

5.1 FEDERAL ENVIRONMENTAL RECORDS

5.1.1 Federal NPL Sites within 1.0-Mile

The National Priorities List (NPL) record is a USEPA registry of the nation's worst uncontrolled or abandoned hazardous waste sites. NPL sites are targeted for long-term remedial action under CERCLA. According to the EDR report, the USAR Center is not a NPL site and there are no such sites located within one-mile of the Site.

5.1.2 Federal CERCLIS Sites within ½-Mile

The CERCLA Information System (CERCLIS) contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Act. CERCLIS contains sites that are either proposed to be or are on the NPL and sites that are in the screening and assessment phase for possible inclusion on the NPL. According to the EDR report, the USAR Center is not a CERCLIS site and there are no CERCLIS sites located within a ½-mile of the Site.

5.1.3 RCRA Corrective Action (CORRACTS) Sites within 1.0-Mile

Resource Conservation and Recovery Act (RCRA) Corrective Action (CORRACTS) sites represent facilities that have generated or managed hazardous wastes and require corrective action. According to the EDR report, the USAR Center is not a CORRACTS site. No CORRACTS sites were identified within one-mile of the Site.

5.1.4 RCRA Transport, Treatment, Storage, and/or Disposal Sites within ½-Mile

The RCRA Information System (RCRIS) includes selective information on sites that generate, transport, treat, store, and/or dispose (TSD) of hazardous waste as defined

by RCRA. According to the EDR report, the USAR Center is not a RCRIS-TSD site and there are no such sites located within ½-mile of the USAR Center.

5.1.5 Federal RCRA Small and Large Quantity Generators List within ¼-Mile

Conditionally exempt small quantity generators are defined as facilities generating less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. RCRA small quantity generators are defined as facilities generating between 100 kg and 1,000 kg of hazardous waste per month, while a large quantity generator is defined as a facility generating more than 1,000 kg of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Two RCRA-registered small quantity generators are located near the Site according to the information provided by EDR. The USAR Center 125th DIV (KY048), known as the Col. Earl E. Major Building USAR Center, is located within ¼-mile of the Site, approximately 960-feet north of the subject USAR Center. Twinbrook Nursing Home is located approximately ¼-mile (1126 ft.) south-southwest of the Site. No RCRA violations are associated with the Twinbrook Nursing Home. However, in 1993, the USAR Center 125th DIV (KY048) Col. Earl E. Major Building received a violation with monetary penalties. No large quantity generators are situated within ¼-mile of the Site.

5.1.6 Federal Emergency Response Notification System (ERNS) List

The ERNS List provides information on reported releases of oil and hazardous substances. According to the EDR report, the USAR Center is not on this notification list.

5.2 STATE AND LOCAL ENVIRONMENTAL RECORDS

The regulatory information presented below was obtained from the EDR regulatory database search report. Supplemental information was also provided from database searches via the Commonwealth of Kentucky's online utility.

5.2.1 State-Registered Landfills or Solid Waste Disposal Sites within ½-Mile

According to the EDR report, no solid waste landfills, incinerators, or transfer stations are located within ½-mile of the USAR Center. The Site does not have a solid waste landfill, incinerator, or transfer station within the property boundary.

5.2.2 State-Registered Leaking UST Sites within ½-Mile

According to the EDR report and Kentucky UST Branch, there are no leaking USTs within ½ mile of the Site.

5.2.3 State-Registered UST Sites within ¼-Mile

According to the EDR report and Kentucky UST Branch, two UST sites were identified within ¼ - mile of the USAR Center. Table 2 lists the sites along with their address and elevation relative to the Site. The Site itself is not listed in the State UST database.

Both USTs have been removed and the Sites were granted NFA under Kentucky's Corrective Action guidance document. Neither property is considered to present an environmental risk to the USAR Center.

TABLE 3 Underground Storage Tank Sites					
Company/Site	Address	Distance and Direction from Site	Tank Status	Closure Status	Elevation Relation to Site
Shalom Towers	3650 Dutchmans Lane, Louisville, KY 40205	Approximately 1305-feet east south-east	Removed	NFA	Lower
Twinbrook Nursing Home	3526 Dutchmans Lane, Louisville, KY 40205	Approximately 1038-feet south	Removed	NFA	Lower

5.2.4 State Spills Incidents (KY Spills)

According to the Kentucky Emergency Response Team, the USAR Center has not had any reportable spills or releases.

5.2.5 Records of Contaminated Public Wells

According to the EDR report, no state registered contaminated public wells are located within one-mile of the USAR Center.

5.2.6 Voluntary Action Program Sites within ½-Mile

According to the EDR report, no state registered voluntary action program sites are located within ½-mile of the USAR Center.

5.2.7 State Brownfields Program Sites within ½-Mile

According to the EDR report, no state registered Brownfield Program Sites are located within ½-mile of the USAR Center.

5.2.8 State-Registered Sites with Engineering Controls within ½-Mile

According to the EDR report, no state registered sites requiring engineering land use controls are located within ½-mile of the USAR Center.

5.2.9 State-Registered Sites with Institutional Engineering Controls within ½ - Mile

According to the EDR report, no state registered sites requiring institutional engineering land use controls are located within ½-mile of the USAR Center.

5.2.10 State-Registered Drycleaning Facilities within ¼-Mile

According to the EDR report, no dry cleaning facilities are located within ¼-mile of the USAR Center.

5.3 TRIBAL ENVIRONMENTAL RECORDS

The regulatory information presented below was obtained from the EDR regulatory database search report.

5.3.1 Registered Indian Reservations within 1 - Mile

According to the EDR report, no designated Indian Reservations are located within one-mile of the USAR Center.

5.4 UNMAPPED SITES

The EDR database search yielded fifteen unmapped sites. Unmapped sites are those with insufficient address information such that they can only be identified as within the zip code of the target property. Every effort was made to locate these sites and assess their relevance to this ECP report. Further research was conducted using the mapping utility provided at <http://www.maps.google.com>, <http://www.mapquest.com>, and <http://www.whitepages.com>. The locations of all orphaned sites were identified and mapped in relation to the Site. None of the unmapped locations were within the specified search radius from the Site that would affect the environmental conditions at the Site.

5.5 SUMMARY OF PROPERTIES EVALUATED TO DETERMINE RISK TO THE SITE

To summarize Subsections 5.1 through 5.3, three separate properties, in addition to the USAR Center, were evaluated as potential risk properties to the Site. The properties evaluated were identified as a result of information obtained during area reconnaissance and regulatory database searches and are listed below in Table 4.

TABLE 4 PROPERTIES EVALUATED FOR POTENTIAL ENVIRONMENTAL RISKS				
Company/Site	Database	Elevation in Regards to Site	Potential Risk to Site?	Comment
USAR Center 125 th DIV KY048 (Col. Earl E. Major Building)	RCRA Small Quantity Generator	Lower	No	RCRA violations in 1993.
Shalom Towers	UST	Lower	No	UST received NFA.
Twinbrook Nursing Home	RCRA Small Quantity Generator, UST	Lower	No	UST received NFA. No RCRA violations.

Based on an evaluation of available site information and details concerning the properties listed in Table 4, none of the facilities evaluated are classified as “High Risk”. “High Risk” properties are those that exhibit significant environmental conditions that have the probability of adversely affecting the environmental conditions at another site.

6.0 SITE INVESTIGATION AND REVIEW OF HAZARDS

Findings documented in the following subsections are based on the August 10, 2006, and February 2, 2007, site visits and area reconnaissance, a review of available site records, and information obtained from USAR personnel.

6.1 UNDERGROUND/ABOVEGROUND STORAGE TANKS (USTs/ASTs)

It does not appear that USTs or ASTs were located or are currently present on Site. Based upon review of records, an exempt UST for heating oil was removed in the early 1990's and remediated in 2003 at the KY046 Main Building, north of the Butler building.

In addition, EEG, Inc. noted an oil/water separator in the 1991 Environmental Audit Report. Facility blueprints depict the location of an oil-water interceptor associated with the wash rack by the OMS. In 1998, the wash rack and oil-water interceptor were closed by Astrid Contract Technical Services, Inc. No UST was associated with the interceptor.

6.2 INVENTORY OF CHEMICALS / HAZARDOUS SUBSTANCES

At the time of the August 2006 site visit, the OMS building contained a flammable materials cabinet with three five-gallon fuel containers. Additional items stored within the OMS building were paint, adhesives, spent light bulbs, and unopened boxes of supplies, including two with flammable materials labels. A separate storage room located in the back of the OMS building contained an old parts washer, a 5-gallon pail of Top Gun multi-purpose alkaline cleaner, and a 55-gallon poly drum marked DeHart Paint (Photographs No. 47 through No. 50, Appendix B). The parts washer was empty. No stains were noted on the floor.

There were two janitorial closets with associated supplies in the Butler building. Janitorial services are contracted to an outside firm. There was a flammables storage cabinet in the old firing range that held a spray bottle of window cleaner (Photographs No. 16 and No. 17, Appendix B). Other items stored in this area included miscellaneous office supplies and field equipment. The storage area next to the kitchen held numerous chemicals such as toluene, dishwasher cleaners, WD-40, lighter fluid, and paint (Photographs No. 28 through No. 30, Appendix B). Site personnel stated the flammable materials would be relocated to the flammables storage cabinet until transfer to the Defense Reutilization and Marketing Operations.

There is no evidence that hazardous substances above reportable quantities were stored, released or disposed at the Site.

6.3 WASTE DISPOSAL SITES

There were no signs of landfilling or illegal waste disposal activities at the Site during the August 2006 or February 2007 site visits.

6.4 PITS, SUMPS, DRYWELLS, AND CATCH BASINS

There are no sumps in the Butler building or OMS building. There are several floor drains in the bathrooms and janitorial closets that connect to the sanitary sewer system.

The vehicle washing area located to the east of the OMS building had two slotted drains that once connected to an oil-water interceptor located in the MEP area, based on the 1991 Environmental Report. No drains were observed in this area during the site visit. The area is no longer in use and the oil-water interceptor has been removed per correspondence from Astrid Contract Technical Services, Inc. Ultimate discharge would have been to the municipal sanitary sewer.

Storm water flows into drainage ditches located around the site. The ditches drain into storm drains that empty into one of the Metropolitan Sewer District's system of catch basins that discharge to the Bear Creek watershed. A storm drain is also located in the grassy area north of the MEP near the northern property boundary. The storm drains flows empties into the metro storm water system as well and is ultimately discharged to a catch basin/small stream.

6.5 ASBESTOS-CONTAINING MATERIAL (ACM)

Three asbestos surveys were performed on the Site. An asbestos survey, conducted as part of the *Asbestos Inspection Report* prepared by EEG, Inc. in March 2002, confirmed ACM located in the floor mastic of the Butler building. The 1999 *Asbestos and Lead Surveys* by Science Applications International Corporation also documented the presence of asbestos in the floor mastic in the Butler building. Appendix D provides a copy of the surveys. During the February 2007 site visit it was noted that a few of the floor tiles were broken and the mastic had been exposed (Photographs No. 21 and No. 22, Appendix B). The mastic is non-friable unless disturbed.

The 1993 *Fort Knox Asbestos Survey Report* by RMI, Inc. confirmed that ACM was in the fitting insulation in the OMS and was of low friability. According to the USAR Facility Management Specialist, the U.S. Army performed asbestos abatements in 1993. However, no documentation regarding abatement has been provided.

The Site has an Asbestos Operations and Maintenance (O&M) plan for the mastic in the Butler building. The O&M plan states that the mastic is non-friable and it also states that no ACBM is present in the OMS building.

6.6 POLYCHLORINATED BIPHENYL CONTAINING EQUIPMENT

A total of four pole-mounted transformers are located on the Site (Photograph No. 10 and No. 11, Appendix B). A cluster of three transformers are on the west side of the Butler building and one transformer is on the northwest corner of the Butler building. The *Identification of Polychlorinated Biphenyls (PCB) Containing Transformers Report* prepared by Green Consulting Services and dated August 2, 1998, is unclear regarding the PCB content of these transformers. Louisville Gas & Electric was contacted in February 2007 and they stated these specific transformers do not contain PCBs. During the August 2006 and February 2007 site visits, the units appeared to be in good condition and no evidence of leakage was observed.

The same report also states that all of the ballasts at the facility have been retrofitted since 1980. The light ballasts currently present at the Site appear to be in good condition and no leaking dielectric fluid was observed during the site visit. As such, they are in compliance with Federal and State regulations and have not negatively impacted environmental conditions at the Site.

6.7 LEAD

EEG, Inc. completed a LBP survey in 2004 for the Site. The survey confirmed LBP was present in the OMS building in the interior and exterior door casings and lintels, and structural steel components. The interior door casings in the Butler building contained minimal amounts of lead. In general, the paint was in good condition, and no peeling paint was observed during the August 2006 or February 2007 visits.

6.8 RADON

The 1993 radon testing results indicated that the Bowman field site was below 4.0 pCi/L, which is the USEPA's recommended action level. It is unknown which USAR Center facility Bowman field corresponds to. The January 2007 results indicate a 7.5 pCi/L, which is above the USEPA's recommended action level. According to the 81st Regional Readiness Center Area 1 Environmental Manager, a number of the radon sample kits were defective and this facility was retested by the U.S. Army in February and March of 2007 to confirm initial results. The subsequent radon tests confirmed the presence of radon at 13.5, 4.1, and 18.3 pCi/L, which is above the USEPA's recommended action level.

6.9 MUNITIONS AND EXPLOSIVES OF CONCERN (MEC)

An arms vault is located in the Butler building with small arms weapons. Site personnel stated that live ammunition is present on Site for security purposes. There is no target practice conducted at this location. No indications were found during the August 2006 or February 2007 site visits or during the review of records to indicate the current or past presence of MEC at the Site, which includes unexploded ordnance.

6.10 RADIOACTIVE MATERIALS

During the August 2006 and February 2007 site visit and records review process, no indications were found of the past storage or release of radiological commodities at the USAR Center.

7.0 REVIEW OF SPECIAL RESOURCES

7.1 LAND USE

Figure 13 in Appendix A provides a 2002 aerial photograph of the USAR Center and surrounding properties and depicts current land use. According to the City of Louisville's Zoning Administrator, the Site is zoned R-1, Single Family Residential. The Site is located in a mixed-use area that combines commercial, office, multi-family residential and single family residential land uses.

7.2 COASTAL ZONE MANAGEMENT

The Commonwealth of Kentucky does not have a Coastal Zone Management program.

7.3 WETLANDS

According to the U.S. Fish and Wildlife Service National Wetlands Inventory map, no jurisdictional wetland areas are identified on the Site or adjacent properties. Figure 14 in Appendix A provides a map of wetlands in the immediate vicinity of the Site. Soils in the vicinity of the Site are from the Crider Series. The Crider Series is not considered a hydric soil.

7.4 100-YEAR FLOOD PLAIN

A review of the FEMA digital Flood Hazard Area map indicates that the Site lies outside the 100-year and 500-year floodplains. Figure 6 in Appendix A provides a map of the flood plain elevations located in the immediate vicinity of the Site.

7.5 NATURAL RESOURCES

Based on the developed nature of the Site, small size, and lack of sensitive natural resources, no specific natural resources management activities are recommended for this Site.

7.6 CULTURAL RESOURCES

An Intensive Architectural Survey of Selected Facilities was prepared for the 81st RSC by Brockington and Associates, Inc. The purpose of the survey and subsequent report was to inventory eighteen properties controlled or leased by the 81st RSC in the states of Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina,

and Tennessee. Historical information, setting and landscape, cultural resources, security, architectural information, and structure descriptions are included for each property. Each site was also assessed for its eligibility to the NRHP. Overall, neither of the buildings at the Site was found to meet the criteria for inclusion in the NRHP. Appendix D provides a copy of the survey report.

7.7 OTHER SPECIAL RESOURCES

As reported in the National Wild and Scenic River (WSR) System, there is one designated WSR within the Commonwealth of Kentucky, the Red River. Portions of nine rivers of exceptional quality and aesthetic character have been designated by the Kentucky General Assembly as Kentucky Wild Rivers: Bad Branch, Cumberland River, Green River, Red River, Little South Fork Cumberland River, Big South Fork Cumberland River, Rockcastle River, Rock Creek, and Martin's Fork. The Red River is approximately 80 miles to the south. Based on the location of the WSRs and historical activities conducted at the USAR Center, no activities conducted at the Site would adversely impact the designated WSRs.

8.0 CONCLUSIONS

GEO Consultants, LLC, under contract to the Louisville District, has prepared this ECP report for the MG Benjamin J. Butler USAR Center (Facility ID KY076), located at 3600 Century Division Way, Louisville, Jefferson County, Kentucky, 40205 on an 11.641-acre tract. The USAR Center is currently occupied by the 100th DIV IT. KY076 is part of a complex that includes the Butler Building, a second building (KY046), and an OMS. This report covers the Butler Building and the OMS. The Butler building has primarily functioned as an administrative, logistic, and educational facility, with limited vehicle maintenance historically occurring in the OMS building.

Findings of this ECP are based on existing environmental information, including visual observations, site records, federal, state, and local database and file information, related to the storage, release, treatment, or disposal of hazardous substances or petroleum products or derivatives on the property. The following paragraphs present the findings related to areas of potential environmental concern that were evaluated during the ECP process.

- **Use & Storage of CERCLA Hazardous Substances** - Chemicals containing CERCLA hazardous substances would have been used and stored at the Site in amounts necessary to support unit-level vehicle and building maintenance activities. There is no evidence that hazardous substances above reportable quantities were stored, released or disposed at the Site. Any materials currently stored on Site will be redistributed or properly disposed prior to vacating the Site.
- **Petroleum Product Storage** - No petroleum ASTs or USTs are currently present on Site. There is no evidence that ASTs or USTs have historically been present on the Site
- **Wash Water Discharge** - A vehicle wash facility, consisting of a wash pad, wash rack and oil-water interceptor was located by the OMS building. The wash rack and oil-water separator have been removed and all that remains is the concrete wash pad, that is not longer in use. All waters associated with the wash facility discharged to the municipal sanitary sewer system.
- **PCB Transformers** - Four pole mounted transformer units are located on Site and do not contain PCBs. During the August 2006 and February 2007 site visits, the exterior of the units appeared to be in good condition and no evidence of leakage was observed.
- **PCB Equipment** - According to a report by Green Consulting Services (dated August 2, 1998), all the ballasts on the property have been retrofitted since 1980.
- **Asbestos** - The 1999 and 2002 asbestos surveys identified non-friable ACM present in the Butler building in the floor mastic. At the time of the site visit, a few of the floor tiles were broken and the mastic was visible. No ACM was identified in the OMS by these reports. However, the 1993 asbestos survey reported ACM in the

fitting insulation throughout the OMS. No documentation is present regarding abatement of this material.

- **Lead-Based Paint (LBP)** - A LBP survey was completed in 2004 for the Site. The survey identified minimal amounts of lead in the interior door casings in the Butler building and significant detectable amounts of lead in the interior and exterior door casing and lintels and structural steel components in the OMS. Painted surfaces were in good condition and no peeling paint was observed during the site visits.
- **Radon** - The radon testing results from 2007 indicate radon levels at 7.5 pCi/L, 13.5 pCi/L, 4.1 pCi/L, and 18.3 pCi/L, which are above the USEPA's recommended action level of 4.0 pCi/L.
- **MEC** - No indications were found during the August 2006 and February 2007 site visits or records review process of the past presence of MEC, including unexploded ordnance, at the Site. The Site had previously had a firing range in southern portion of the Butler building; it was closed sometime prior to 2000 and converted to a storage area.
- **Radiological Materials** – No radiological materials were stored on Site at the time of the August 2006 and February 2007 site visits. There is no evidence to suggest that any radiological commodities were ever improperly managed at the Site, or that any radionuclides were ever released.
- **Nearby Properties** - Potential environmental sites of concern, located within corresponding ASTM search radius distances from the Site, were evaluated. None of the properties evaluated are considered high risk. "High Risk" properties are those that exhibit environmental conditions that have the probability of adversely affecting the environmental conditions at another site.

In accordance with DoD policy as previously summarized in Section 1.1 of this ECP, the Site has been classified as Category 1, an area or parcel of real property where no release, or disposal of hazardous substances or petroleum products or their derivatives has occurred (including no migration of these substances from adjacent properties).

9.0 REFERENCES

Persons Contacted

- Mr. Dave Thomas, Facility Management Specialist, U.S. Army Reserve (502) 777-7099
- Ms. Kristie Welch, Area 1 Environmental Manager, JM Waller Associates, Contractor for 81st Regional Readiness Command, (615) 231-4268
- Staff Sergeant Daniel R. Weeks, U.S. Army Recruiter, (502) 583-2771
- Mr. Lenny Gunnell, U.S. Army Corps of Engineers Louisville District (502) 315-6317

Resources Consulted

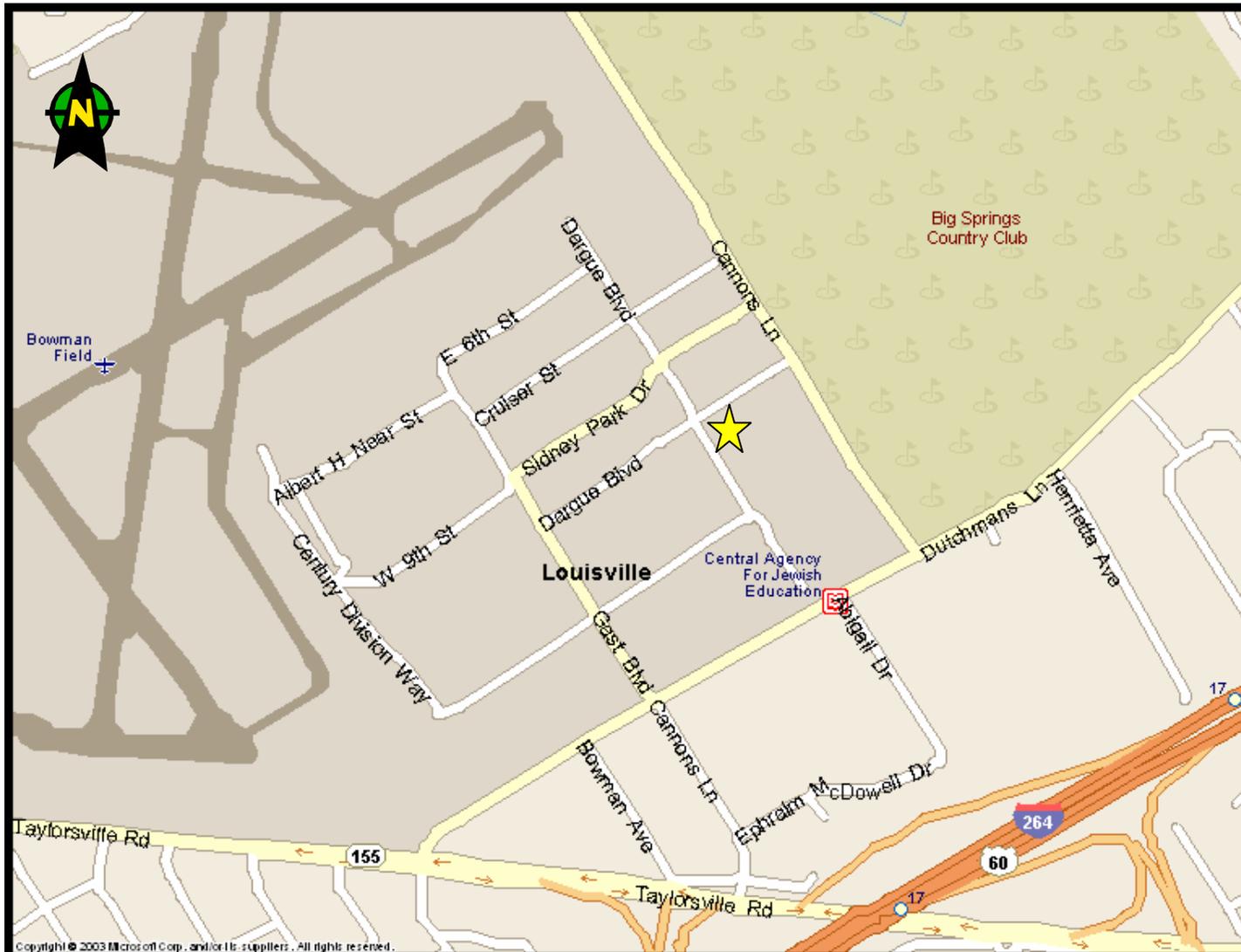
- Aerial Photographs dated 1993, 2002 and 2005 by Terra Server and GoogleEarth
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- USEPA Map of Radon Zones, <http://www.epa.gov/radon/zonemap.html>
- FEMA Flood Hazard Insurance Map, <http://msc.fema.gov/webapp/wcs/stores/servlet/MapSearchResult?storeId=10001&catalogId=10001&langId=-1&userType=G&panellDs=21111C0090D&Type=pbp&nonprinted=&unmapped=>
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- Asbestos Operations & Maintenance Plan US Army Reserve Centers of Kentucky
- Spill Prevention Control and Countermeasures Plan Survey, prepared by FMSM, May 22, 1995
- Firing Range Lead Investigation Report and Abatement Specifications, Dames and Moore, August 1993
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- Identification of Polychlorinated Biphenyls (PCBs) Containing Transformers, Green Consulting Services, 1998
- Memorandum, June 30, 1993, re: Radon Testing Results for the 100th and 125th Divisions
- Correspondence from ACTS, Inc. 1998 to Steven Francis from Darron Miles
- Asbestos and Lead Survey, Science Applications International Corporation, 1999
- Lead Abatement Report, South Carolina Research Authority Environmental Enterprise Group, Inc. 2000
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- Lead Based Paint Survey Reports, Environmental Enterprise Group, 2004

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- Correspondence, January 12, 2007 re: Radon Testing Results
- Correspondence, October 6, 2003, Commonwealth of Kentucky Division of Waste Management to Steven Francis, 81st Regional Support Command, re: Closure of UST
- Federal Regulatory Databases
 - National Priorities List (NPL), September 27, 2006
 - Proposed NPL Sites, September 27, 2006
 - Delisted NPL Sites, September 27, 2006
 - Federal Superfund Liens (NPL Liens), October 15, 1991
 - Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), November 28, 2006
 - CERCLIS No Further Remedial Action Planned Sites (NFRAP), October 10, 2006
 - Resource Conservation and Recovery Information System (RCRIS) Corrective Action Sites (CORRACTS), September 27, 2006
 - Resource Conservation and Recovery Act Information (RCRA), June 13, 2006
 - Emergency Response Notification System (ERNS), December 31, 2005
 - Engineering Controls Sites List (US ENG CONTROLS), October 18, 2006
 - Institutional Controls Sites List (US INST CONTROLS), October 18, 2006
 - Hazardous Materials Information Reporting System (HMIRS), August 1, 2006
 - Listing of Brownfields Sites, October 17, 2006
 - Superfund Consent Decrees, December 14, 2004
 - Records of Decision (ROD), October 7, 2006
 - Department of Defense Sites, December 31, 2004
 - Formerly Used Defense Sites (FUDES), December 31, 2005
 - Uranium Mill Tailings Sites, December 31, 2005
 - Open Dump Inventory (ODI), June 30, 1985
 - Toxic Chemical Release Inventory System (TRIS), December 31, 2004
 - Toxic Substances Control Act (TSCA), December 31, 2002
 - FIFRA/TSCA Tracking System, October 19, 2006
 - FTTS INSP, October 19, 2006
 - Section 7 Tracking Systems (SSTS), December 31, 2004
 - Integrated Compliance Information System (ICIS), February 13, 2006
 - PCB Activity Database System (PADS), October 17, 2006
 - Material Licensing Tracking System (MLTS), October 19, 2006
 - Mines Master Index File (MINES), November 15, 2006

- Facility Index System/Facility Registry System (FINDS), October 11, 2006
- RCRA Administrative Action Tracking System (RAATS), April 17, 1995
- Biennial Reporting System (BRS), December 31, 2003
- State and Local Regulatory Databases
 - Master Sites List, January 3, 2007
 - Licensed Solid Waste Facilities, December 11, 2006
 - Historic Landfill, May 1, 2003
 - SB193 Branch Site Inventory List (SB193), September 5, 2006
 - Underground Storage Tank File, October 27, 2006
 - Sites with Institutional Engineering Controls, January 3, 2007
 - Voluntary Action Program Sites, January 5, 2007
 - Drycleaner Facility Listing, March 28, 2006
 - National Pollutants Discharge Elimination System (NPDES), January 3, 2007
 - Environmental Lead Program (LEAD), October 5, 2006
- Tribal Records
 - Indian Reservations, December 31, 2005

Agencies Contacted

- Metropolitan Sewer District
- Louisville Gas & Electric
- Louisville Water Company
- Metro Louisville Planning and Design
- Kentucky Division of Waste Management, UST Branch
- Kentucky Division of Waste Management, Louisville District Office
- Kentucky Department for Environmental Protection Emergency Response Team

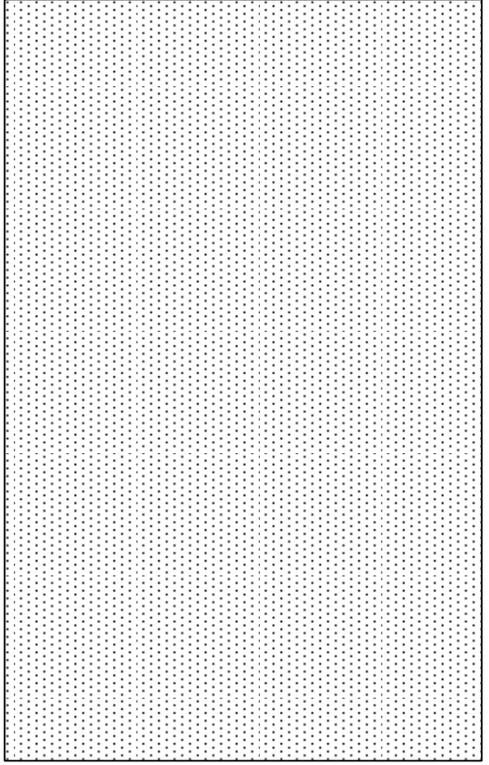
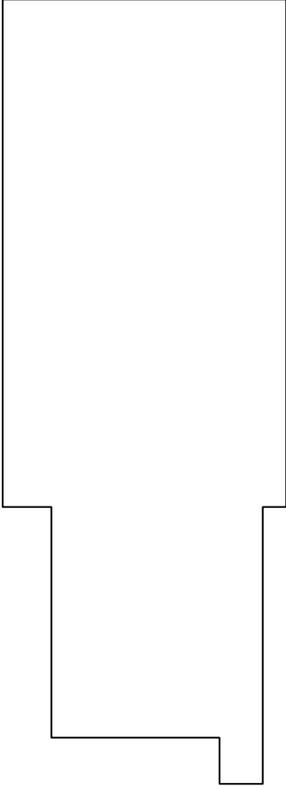
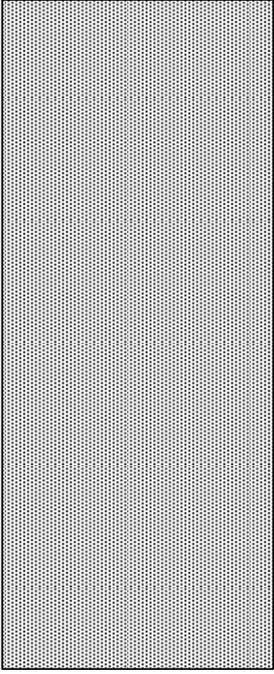
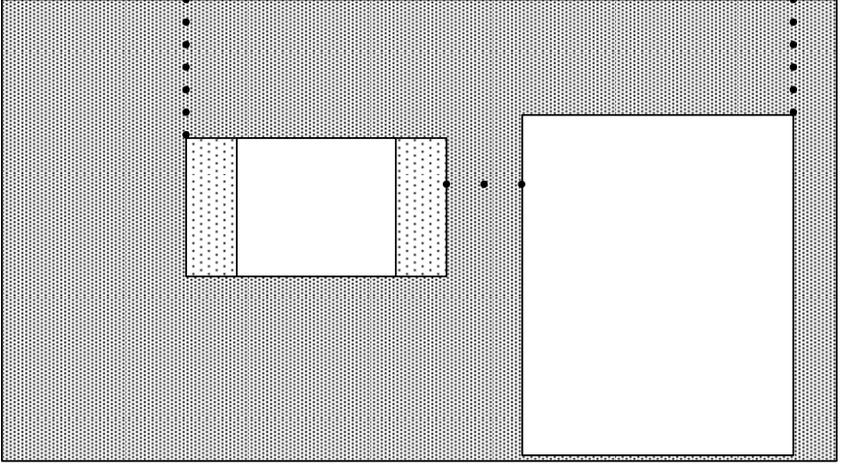


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2004 Microsoft Streets & Trips

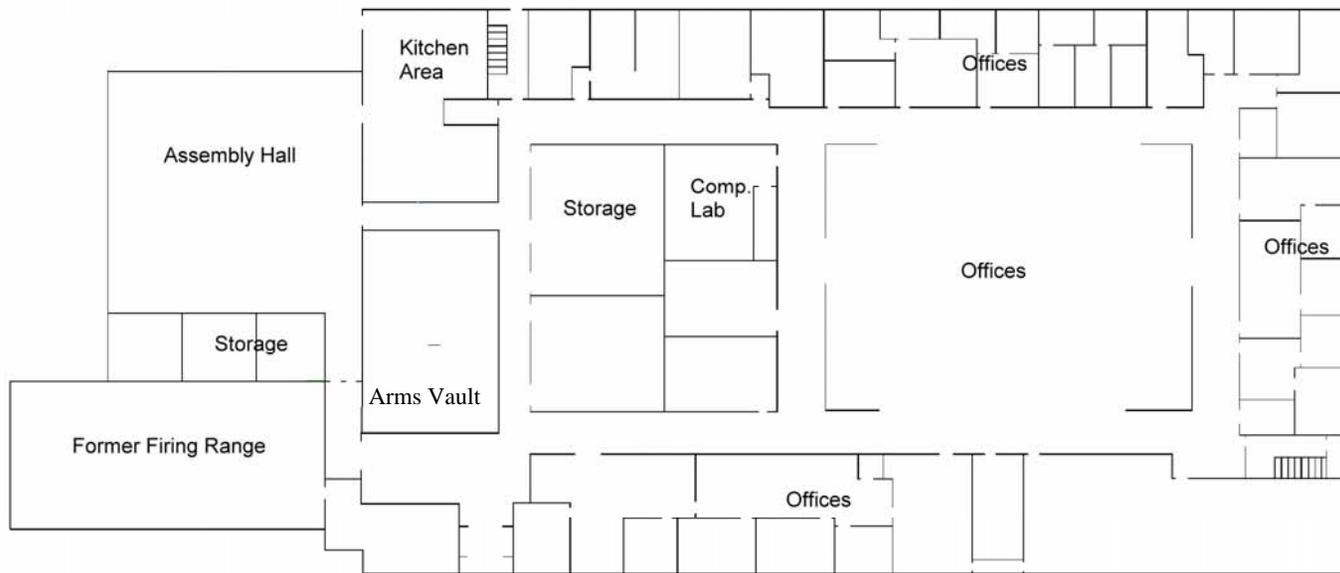
★ Site

Figure 1
General Site Location Map
USARC LOUISVILLE (KY076)
Louisville, Kentucky

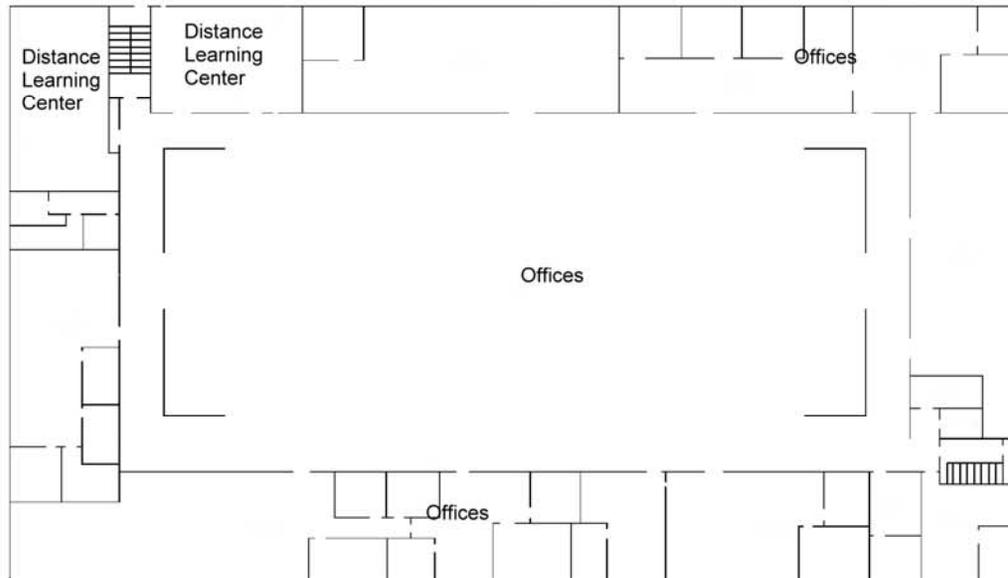
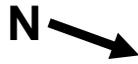


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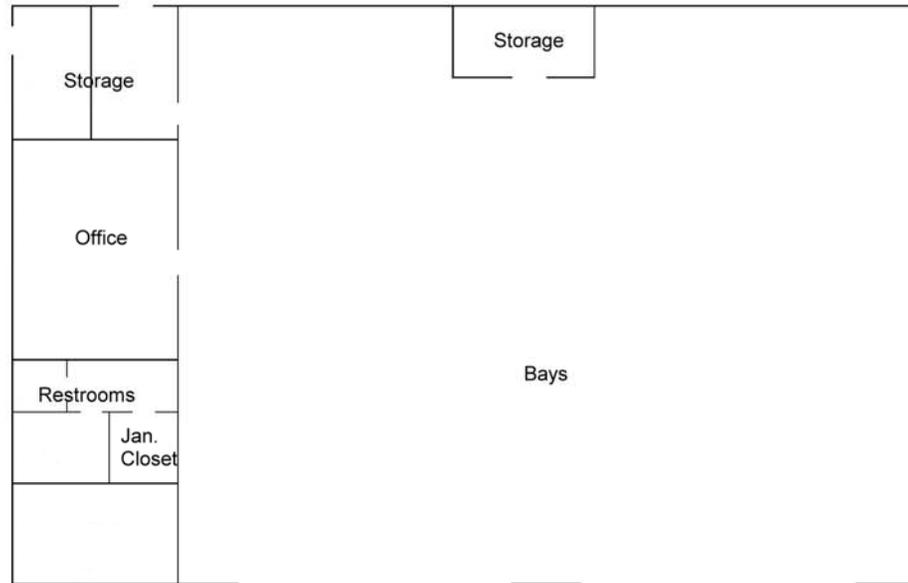
urgue Blvd



USARC Louisville KY076 Butler Building First Floor	
Figure 3.1	Not to Scale



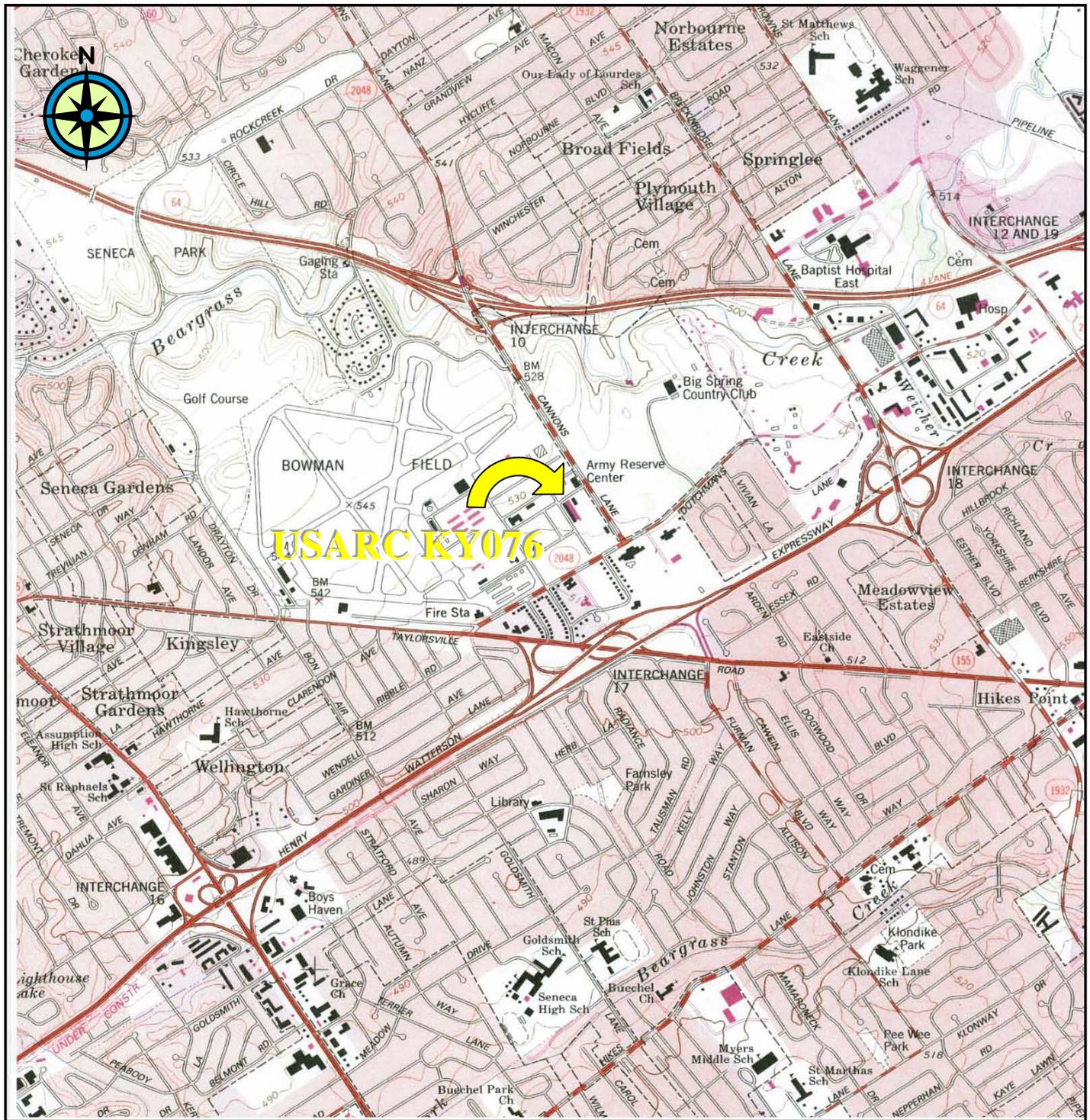
USARC Louisville KY076 Butler Building Second Floor	
Figure 3.2	Not to Scale



USARC Louisville KY076
OMS Building

Figure 4

Not to Scale



Legend

Quad: Louisville East
 Minute Series: 7.5
 Scale: 1:24,000

Figure 5
1994 Topographical Map
USARC Louisville KY076
Louisville, Kentucky

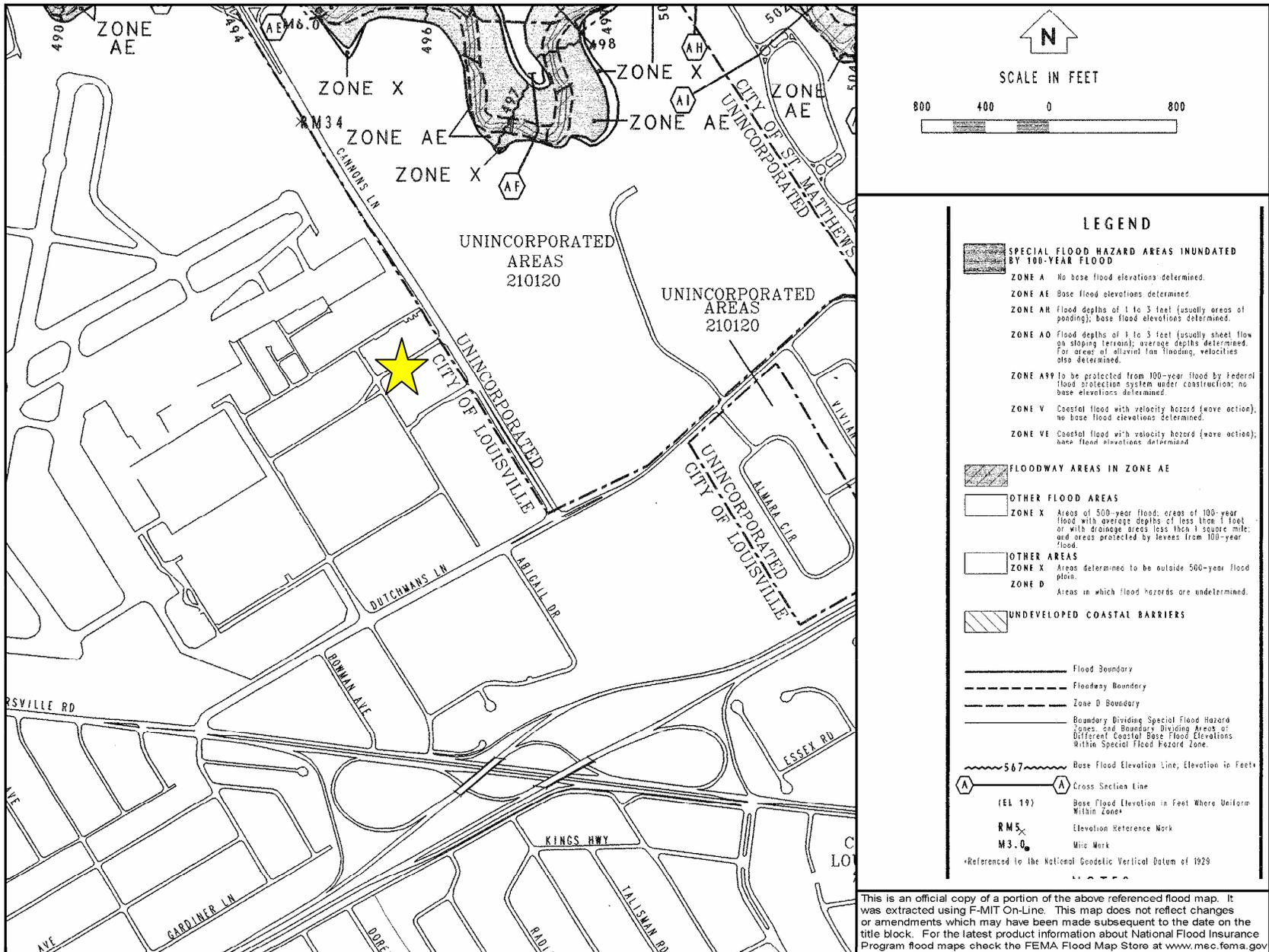
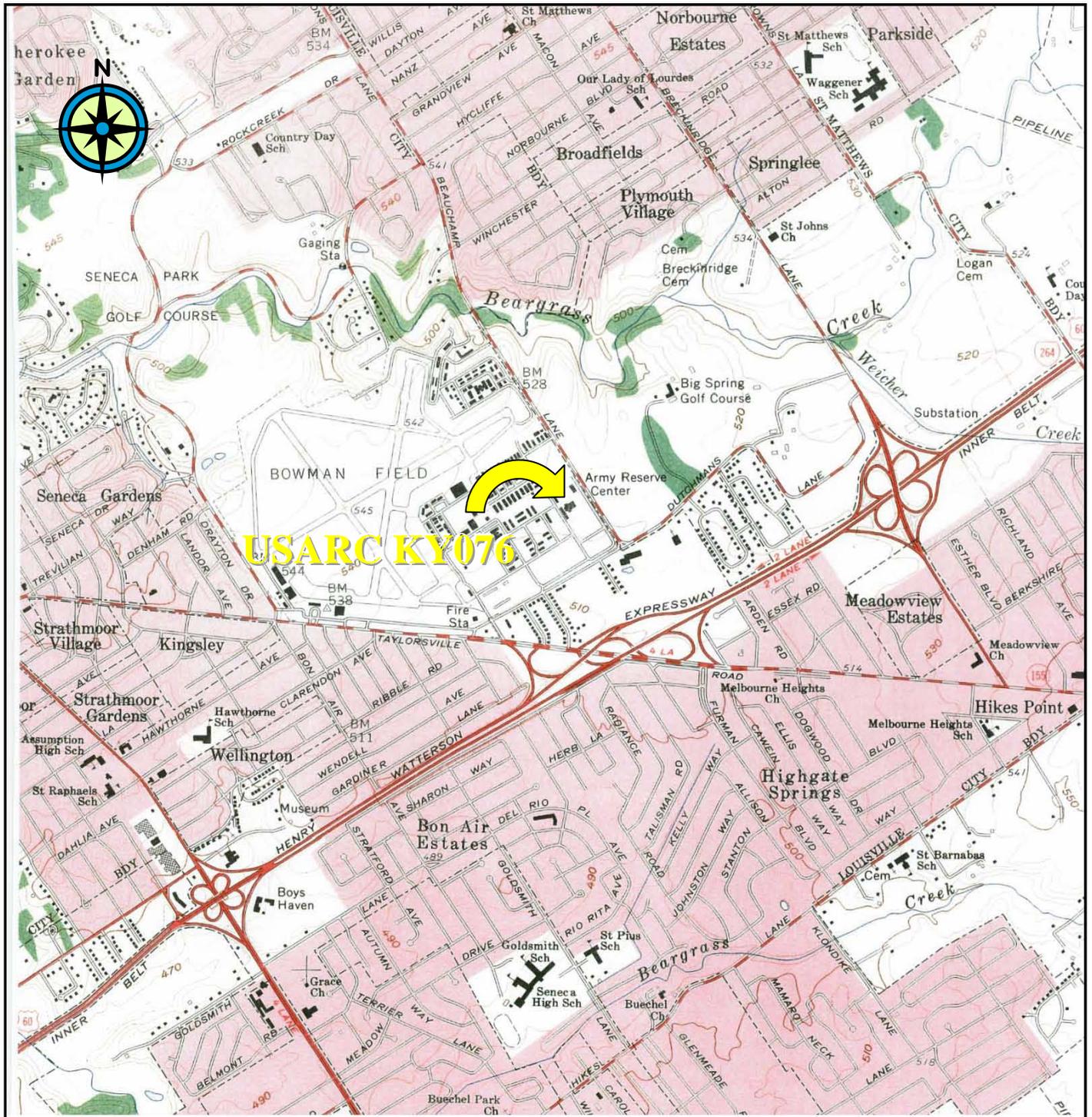


Figure Courtesy of FEMA Online
 Panel 21111C0090D
 Effective 2-2-1994

Figure 6
1994 FEMA Map
USARC Louisville KY076

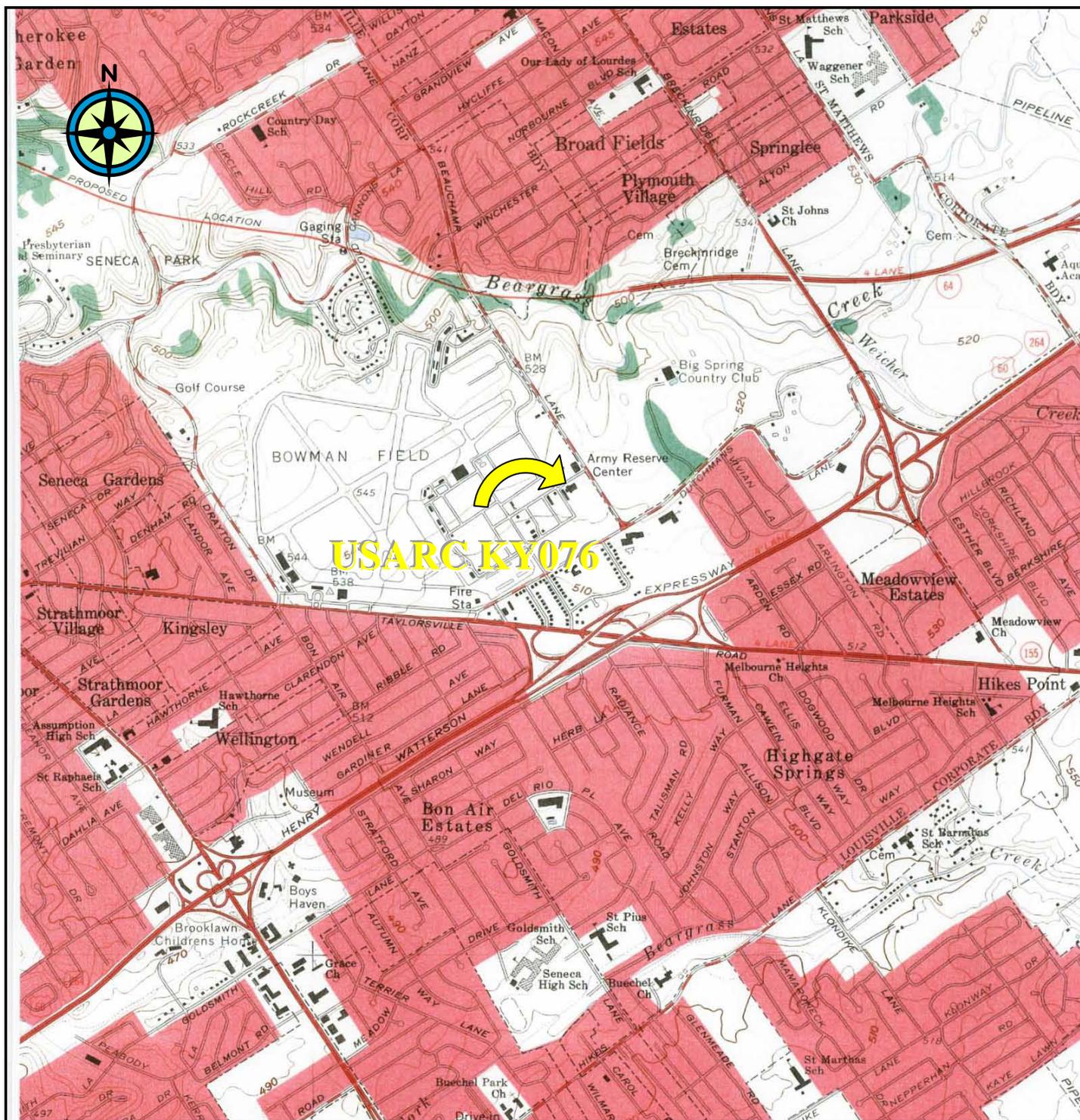
This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



Legend

Quad: Louisville East
 Minute Series: 7.5
 Scale: 1:24,000

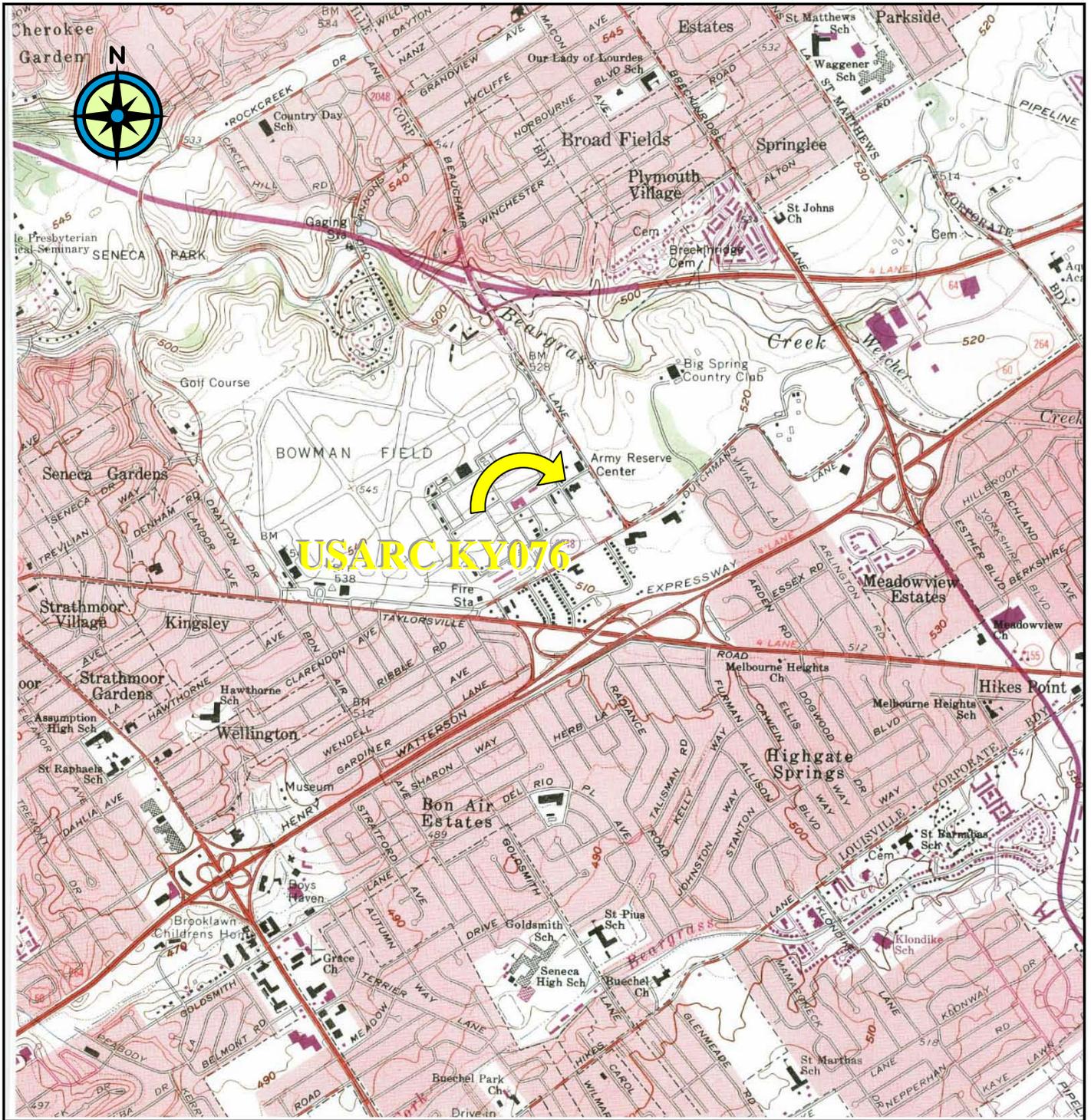
Figure 7
1960 Topographical Map
USARC Louisville KY076
Louisville, Kentucky



Legend

Quad: Louisville East
 Minute Series: 7.5
 Scale: 1:24,000

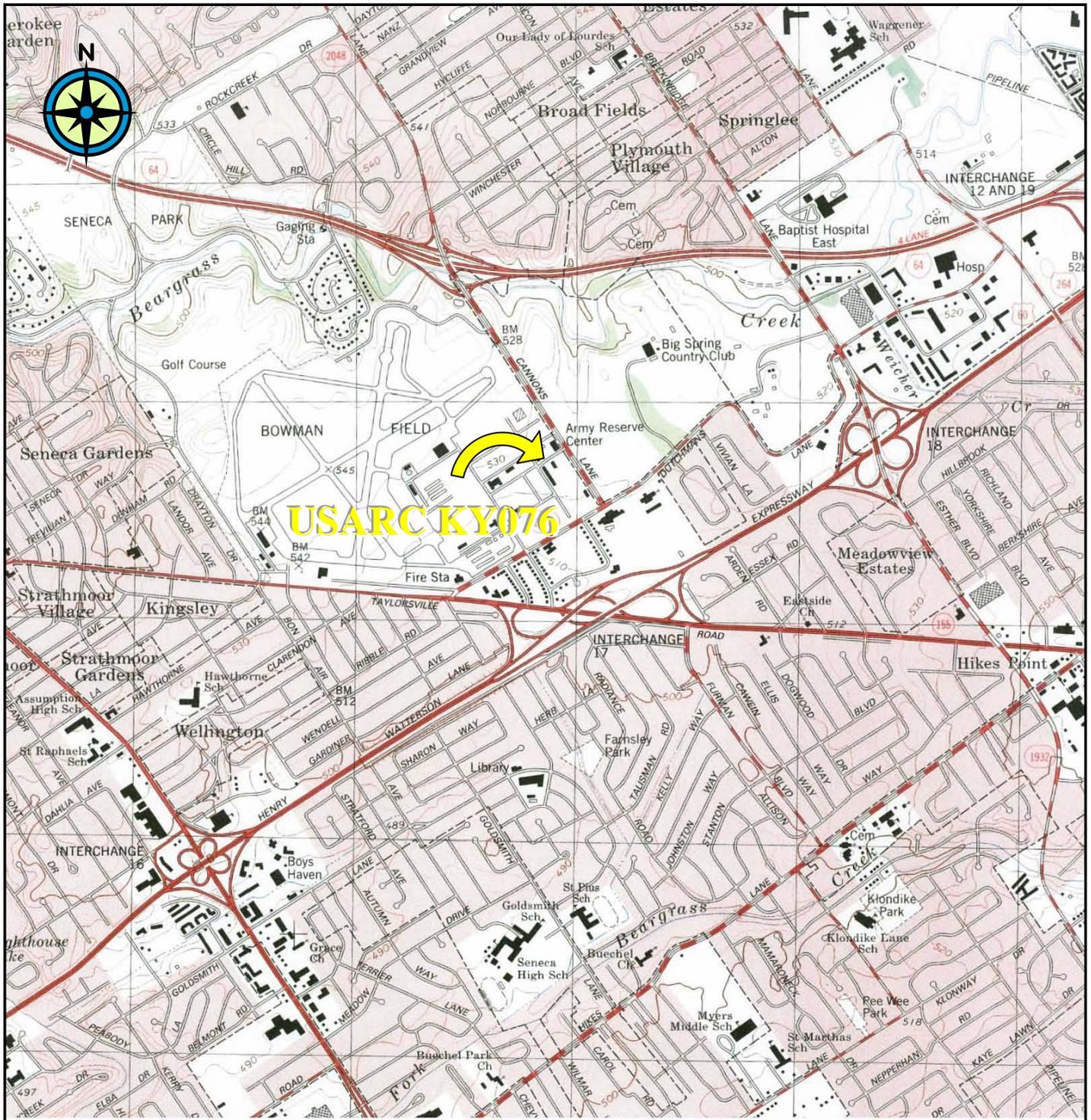
Figure 8
1965 Topographical Map
USARC Louisville KY076
Louisville, Kentucky



Legend

Quad: Louisville East
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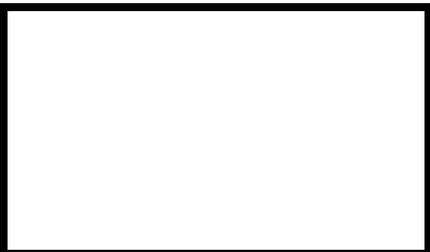
Figure 9
 1971 Topographical Map
 USARC Louisville KY076
 Louisville, Kentucky

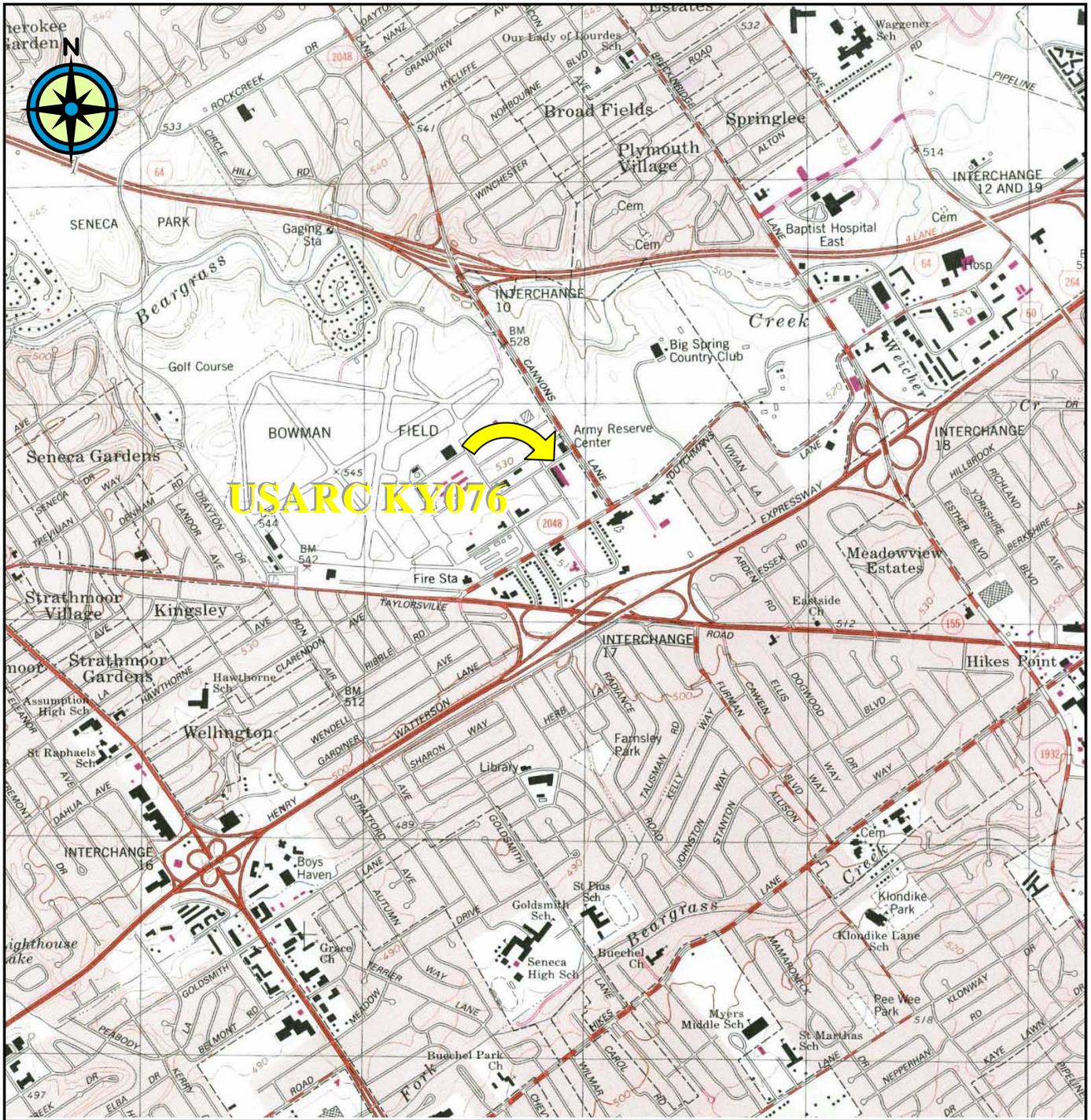


Legend

Quad: Louisville East
 Minute Series: 7.5
 Scale: 1:24,000

Figure 10
 1982 Topographical Map
 USARC Louisville KY076
 Louisville, Kentucky





Legend

Quad: Louisville East
 Minute Series: 7.5
 Scale: 1:24,000

Figure 11
1987 Topographical Map
USARC Louisville KY076
Louisville, Kentucky



Photo Courtesy of
Terraserver

Figure 12
1993 Aerial Photograph
USARC Louisville KY076
Louisville, KY

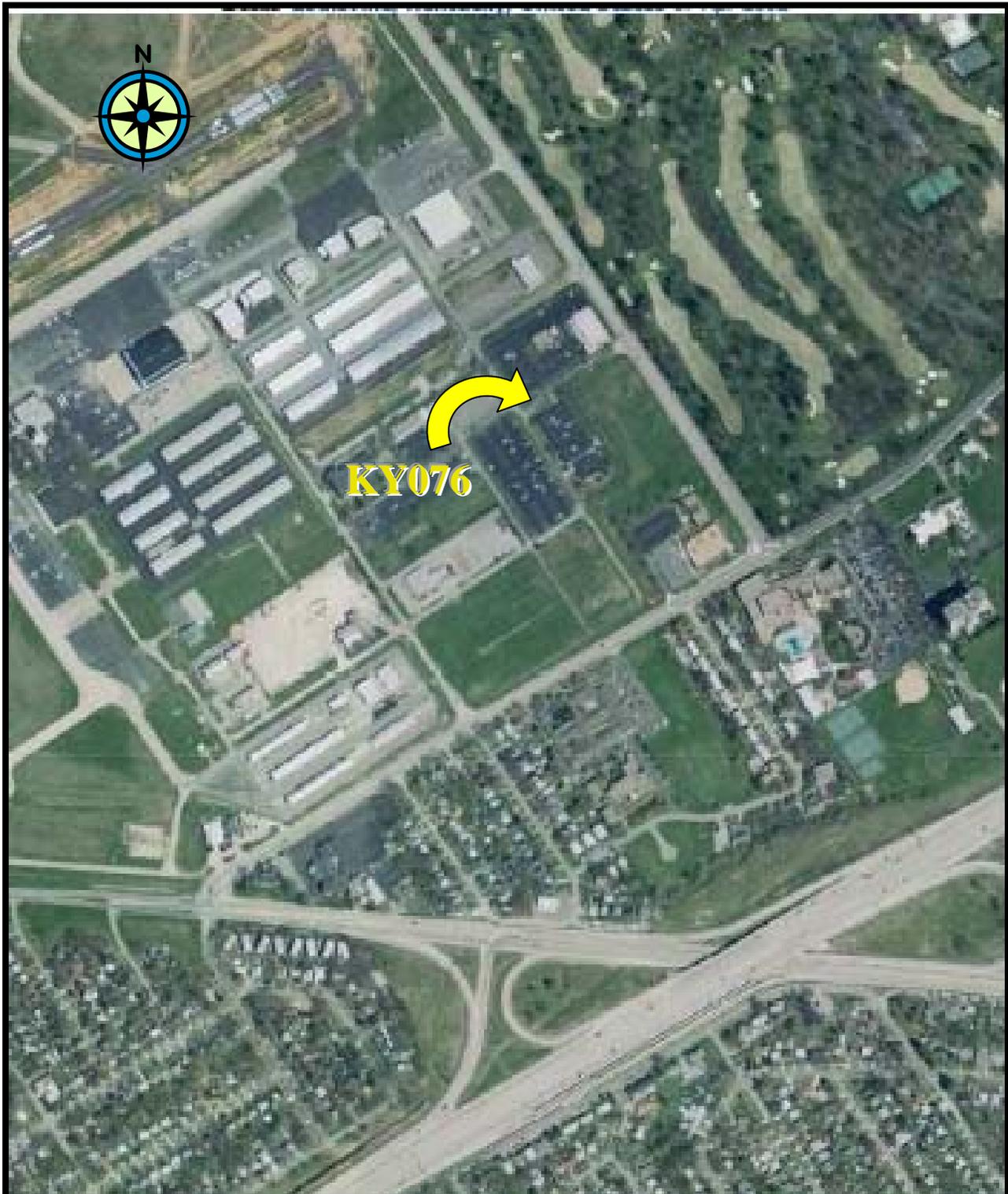


Photo Courtesy of
Terraserver

Figure 13
2002 Aerial Photograph
USARC Louisville KY076
Louisville, KY

USARC KY076



Legend

- Interstate
- Major Roads
- Other Road
- Interstate
- State highway
- US highway
- Roads
- Cities
- USGS Quad Index 24K
- Lower 48 Wetland Polygons**
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine
- Lower 48 Available Wetland Data**
- Non-Digital
- Digital
- No Data
- Scan
- NHD Streams
- Counties 100K
- Urban Areas 300K
- States 100K
- South America
- North America

Map center: 38° 13' 43" N, 85° 39' 13" W



Scale: 1:21,155

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Figure 14 Wetland Map



Photograph #1
Front of Butler Building
View Looking West



Photograph #2
Back of Butler Building
View Looking East

REDACTED

Photograph #3
View Looking Southeast at Adjacent Property
Jewish Family & Vocational Service



Photograph #4
View Looking East Toward
Big Spring Country Club Golf Course

REDACTED

Photograph #5
View Looking North at Main Building KY046 and OMS
From Front of Butler Building



Photograph #6
View Looking North at Adjacent Property
Louisville Jefferson County Air Board (former VET building)



Photograph #7
View #2 Looking North at Adjacent Property
Louisville Jefferson County Air Board (former VET building)



Photograph #8
View looking West at Adjacent Property
USARC KY048

REDACTED

Photograph #9
View Looking Southwest Toward Adjacent Property
Kentucky State Police and
Louisville Jefferson County Metro Drivers Licensing

REDACTED

Photograph #10
Transformers at Rear of Butler Building

REDACTED

Photograph #11
Transformer at Northwest Corner of Butler Building



Photograph #12
View Looking South Toward OMS



Photograph #13
View Looking North Toward OMS

REDACTED

Photograph #14
View #1 of Storage Area
Former Firing Range

REDACTED

Photograph #15
View #2 of Storage Area
Former Firing Range

REDACTED

Photograph #16
View #1 Flammable Storage Cabinet in Storage Area
Former Firing Range

REDACTED

Photograph #17
View #2 Flammable Storage Cabinet in Storage Area
Former Firing Range

REDACTED

Photograph #18
View of Arms Vault



Photograph #19
View of Office Cubicle Area



Photograph #20
View of Hallway, Museum, and Office Doors to Left



Photograph #21
View of Broken Tile and Exposed Mastic



Photograph #22
View of Another Broken Tile and Exposed Mastic



Photograph #23
View #1 of Assembly Hall
Looking Southwest



Photograph #24
View #2 of Assembly Hall Looking Northwest

REDACTED

Photograph #25
View of Storage Room Off Assembly Hall

REDACTED

Photograph #26
View of Insulation on Ductwork
Storage Room off of Assembly Hall



Photograph #27
View of Kitchen

REDACTED

Photograph #28
View of Chemicals in Storage Room Next to Kitchen

REDACTED

Photograph #29
View #2 of Chemicals in Storage Room Next to Kitchen

REDACTED

Photograph #30
View of Supplies, Charcoal, Lighter Fluid in Storage Cabinet
Room Next to Kitchen

REDACTED

Photograph #31
View of Janitorial Closet
First Floor of Butler Building

REDACTED

Photograph #32
View of Storage Cabinet with Some Flammable Materials
Room 115

REDACTED

Photograph #33
View of Storage Room 115

REDACTED

Photograph #34
View of Mechanical Room 138



Photograph #35
View of Computer Lab
Room 137



Photograph #36
Training Room

REDACTED

Photograph #37
Upstairs Janitorial Closet



Photograph #38
View of Distance Learning Center



Photograph #39
Upstairs Closet
Water Stains



Photograph #40
Upstairs Closet Conduit and Insulation



Photograph #41
View of Upstairs Cubical Office Area

REDACTED

Photograph #42
View of Flammable Cabinet in OMS

REDACTED

Photograph #43
View of Gas Containers in Flammable Cabinet in OMS

REDACTED

Photograph #44
View of Storage Shelf and Materials in OMS



Photograph #45
View of Spent Light Bulbs in OMS



Photograph #46
View of Janitorial Closet in OMS



Photograph #47
View of Parts Washer in Storage Room in OMS



Photograph #48
View #2 of Parts Washer in OMS

REDACTED

Photograph #49
View of Degreaser in Storage Room in OMS

REDACTED

Photograph #50
DeHart Paint Container in Storage Room in OMS

REDACTED

Photograph #51
View of MEP
Looking West Toward OMS from KY046



Photograph #52
View of Former Wash Rack/Pad



Photograph # 53
View of POV Looking West Toward USARC KY048
From OMS

REDACTED

Photograph #54
View of Conex by OMS and Wash Pad



2055 East Rio Salado Parkway, Suite 201
Tempe, Arizona 85281
Phone: (480) 967-6752
Fax Number: (480) 966-9422
Web Site: www.netronline.com

HISTORICAL CHAIN OF TITLE REPORT

**LOUISVILLE USARC
3600 CENTURY DIVISION WAY
LOUISVILLE, KENTUCKY**

Submitted to:

**ENVIRONMENTAL DATA RESOURCES, INC.
C/O
GEO CONSULTANTS LLC
199 Kentucky Ave
Kevil, Kentucky 42053
(270) 462-3882**

Attention: Larry Copeland

Project No. N06-5432

Thursday, August 31, 2006

NETR- Real Estate Research & Information hereby submits the following ASTM historical chain-of-title to the land described below, subject to the leases/miscellaneous shown in Section 2. Title to the estate or interest covered by this report appears to be vested in:

UNITED STATES OF AMERICA

The following is the current property legal description:

Being that parcel or tract of land, known as Tract No. 100, situated and lying in the City Louisville, Jefferson County, State of Kentucky

Assessor's Parcel No: 14-082B-0027-0000

1. HISTORICAL CHAIN OF TITLE

1. COMMISSIONER'S DEED:

RECORDED: 10-14-1940
GRANTOR: Louise Marshall, Fidelity & Columbia Trust Company, Trustee for Richard V. Marshall and Helen C. Marshall under Deed of Trust; Richard V. Marshall; Helen C. Marshall; Sallie Ewing Docker; Nicholas H. Docker; Burwell K. Marshall; Kathleen Marshall; Elizabeth L. Johnson; Lewis Y. Johnson; Louis Delbel; William Huber; John Marcum and Carl J. Kramer, by Commissioner
GRANTEE: Louisville and Jefferson County Air Board
INSTRUMENT: Bk 1759, Pg 418

2. WARRANTY DEED:

RECORDED: 02-06-1948
GRANTOR: United States of America, through War Assets Administrator
GRANTEE: Louisville and Jefferson County Air Board
INSTRUMENT: Bk 2332, Pg 388

3. AGREED JUDGMENT:

RECORDED: 03-13-1979
GRANTOR: Louisville and Jefferson County Air Board
GRANTEE: United States of America
INSTRUMENT: Civil No. 7313-A

2. LEASES AND MISCELLANEOUS

1. No institutional controls or engineering controls were found of record.

3. LIMITATION

This report was prepared for the use of Environmental Data Resources, Inc., and Geo Consultants LLC, exclusively. This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. NETR- Real Estate Research & Information does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from the various agencies that make it available. The total liability is limited to the fee paid for this report.

USA
Ky 046

UNITED STATES DISTRICT COURT
WESTERN DISTRICT OF KENTUCKY
AT LOUISVILLE

C. ATTORNEY
U.S. DISTRICT COURT
WESTERN DISTRICT OF KENTUCKY
MAR 13 3 58 PM '79

7313-A

UNITED STATES OF AMERICA

PLAINTIFF

vs.

AGREED JUDGMENT

THE RIGHT TO USE AND OCCUPY
12.16 ACRES OF LAND, ETC.

DEFENDANTS

The Plaintiff, United States of America, by counsel, and the Defendant, Louisville and Jefferson County Air Board, by counsel, having consented without trial or adjudication of any issue of fact or law herein, including the issue of just compensation, to the entry of this judgment, and the Court being otherwise sufficiently advised,

IT IS HEREBY ORDERED, ADJUDGED AND DECREED as follows:

1. The Defendant, Louisville and Jefferson County Air Board, was the owner in fee simple of Tract No. 100 immediately prior to the filing of the Amended Declaration of Taking on March 26, 1976, and Amended Complaint in Condemnation, and immediately thereafter and now the United States of America is the owner of said tract in fee, said tract containing 11.290 acres, more or less.

2. The sum of six hundred, sixty-eight thousand, seven hundred and fifty dollars (\$668,750.00), inclusive of interest, is just compensation and full satisfaction to said Defendant for the taking by the United States of a leasehold interest in Tract 100 of a term for years beginning June 30, 1972 and ending March 26, 1976, and for the taking by the United States of fee simple title to said Tract 100 as of March 26, 1976.

3. The United States shall cause to be deposited into the

registry of the Court with respect to said tract, the deficiency sum of two hundred, fifty-one thousand, six hundred and twenty dollars (\$251,620).

4. Defendant, Louisville and Jefferson County Air Board is a body politic and corporate under the laws of Kentucky, its property being exempt from tax by virtue of the provisions of KRS 183.138; said Defendant was, immediately prior to the filing of the Amended Declaration of Taking and Amended Complaint in Condemnation, the sole entity having any interest in, or claim against, said Tract 100, other than easements for public roads and highways, public utilities, railroads, pipelines, if any.

IT IS FURTHER ORDERED AND ADJUDGED that the deficiency sum of two hundred, fifty-one thousand, six hundred and twenty dollars (\$251,620), when deposited in the registry of this Court is due solely to Defendant, Louisville and Jefferson County Air Board, and is subject to withdrawal by it from the registry of this Court upon motion.

Dated this 17 day of March, 1979.

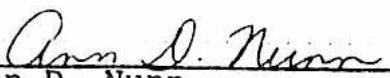


JUDGE, UNITED STATES DISTRICT COURT

AGREED TO BY:

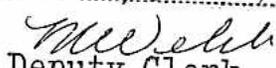
UNITED STATES OF AMERICA

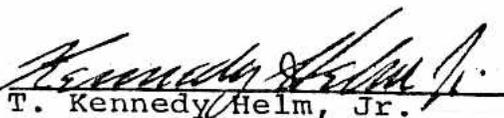
ALBERT JONES
UNITED STATES ATTORNEY



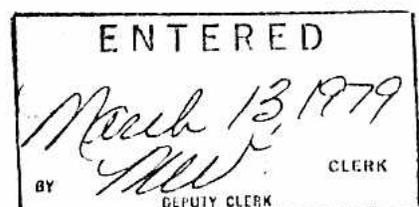
Ann D. Nunn
Assistant U.S. Attorney

LOUISVILLE AND JEFFERSON COUNTY
AIR BOARD

CERTIFIED
U. S. District Court
Louisville, Ky.
Date: 3-13-79
By: 
Deputy Clerk



T. Kennedy Helm, Jr.
Counsel for Defendant



RECORDED

ATTACHMENT TO DEED OF THE UNITED STATES OF AMERICA TO THE LOUISVILLE AND JEFFERSON COUNTY AIR BOARD PROPERTY

Situate in Jefferson County, Kentucky, and being more particularly described as follows:

BEGINNING at a point in the southern property line of a tract of land leased by the United States of America, said point being located about 270 feet southwest of the Administration Building, and about 220 feet North from the center line of the Taylorville Road, said point being distant North 58 degrees 02 minutes East 29 feet from the existing fence corner. Running thence with the lease line of the tract owned by the United States of America, and crossing the center line of the proposed sewer, North 58 degrees 02 minutes East 30 feet. Thence turning and running parallel at a distance of 10 feet to the center line of the proposed sewer, and with westerly line of the Louisville and Jefferson County Air Board lease property, South 89 degrees 33 minutes East 256.3 feet; thence South 86 degrees 10 minutes East 448.3 feet to a point; thence parallel and at a distance of 20 feet to the center line of the proposed sewer, North 80 degrees 06 minutes East 337.8 feet to a point in a driveway; thence South 86 degrees 09 minutes East 1461.2 feet; thence North 59 degrees 18 minutes East 375.8 feet to a point in a southwesterly line of the tract leased by the United States of America; thence with said lease line, and crossing the center line of the proposed sewer South 34 degrees 45 minutes East 30.1 feet to a point which is 22 feet northwest of the center line of Dutchman's Lane. Thence turning and running parallel at a distance of 10 feet to the center line of the proposed sewer, and with westerly line of the Louisville and Jefferson County Air Board lease property South 59 degrees 18 minutes West 387.3 feet; North 86 degrees 00 minutes West 1466.9 feet; South 80 degrees 06 minutes East 206.2 feet; thence South 3 degrees 20 minutes West 9.7 feet to a point 50 feet distant from the center line of the proposed sewer. Thence parallel with the proposed sewer line and running near the North line of Taylorville Road, North 85 degrees 40 minutes West 707.8 feet; thence North 35 degrees 33 minutes West 270.6 feet to the place of beginning and containing 2.14 acres, more or less.

I, OTTO C. RUTH, JR. Clerk of the County Court of
 in the State of Kentucky, do certify that on this day of
 the foregoing instrument in writing was presented to me
 and that I have recorded it, this, and the County Clerk's
 seal office.

RECORDED
 SEP 27 2006
 11 29 AM

59

evidence its contents acknowledged, signed with acceptance of, and agreement to be bound by the terms, conditions, reservations, and restrictions set forth in this instrument, has caused these presents to be executed in its name and on its behalf by Addison W. Lee, Jr., Chairman, Louisville and Jefferson County Air Board, and its seal to be hereunto affixed, all as of the day and year first above written.

UNITED STATES OF AMERICA
Acting by and through
WAR ASSETS ADMINISTRATOR

WITNESSES:

J. P. [Signature]
Mary L. [Signature]

BY Orville Lamb
Orville Lamb
Regional Director
War Assets Administration
Louisville, Kentucky

LOUISVILLE AND JEFFERSON COUNTY AIR BOARD, Louisville, Kentucky

WITNESSES:

Phyllis [Signature]
Albert H. [Signature]

BY Addison W. Lee, Jr.
Addison W. Lee, Jr., Chairman

ADDRESS:

Roger E. [Signature]

STATE OF KENTUCKY } SS
COUNTY OF JEFFERSON }

I, Phyllis [Signature], a Notary Public in and for said county, in said state, hereby certify that Orville Lamb, whose name as Regional Director for War Assets Administration, acting for the United States of America, is signed to the foregoing instrument, and who is known to me, acknowledged before me on this date, that being informed of the contents of the instrument, he, in his capacity as such Regional Director for War Assets Administration, and with full authority, executed the same voluntarily on the day the same bears date.

Given under my hand and official seal this 2nd day of September, 1948.

Phyllis [Signature]
Notary Public

(SEAL)
My Commission Expires July 18, 1949

2332

the party of the second part or any subsequent transferee, whether caused by the legal inability of said party of the second part or subsequent transferee to perform any of the obligations herein set out, or otherwise, the title, right of possession and all other rights transferred by this instrument to the party of the second part, or any portion thereof, shall at the option of the party of the first part revert to the party of the first part sixty (60) days following the date upon which demand to this effect is made in writing by the Civil Aeronautics Administrator or his successor in function, unless within said sixty (60) days such default or violation shall have been cured and all such terms, conditions, reservations and restrictions shall have been cured and all such terms, conditions, reservations and restrictions shall have been met, observed or complied with, in which event said reversion shall not occur and title, right of possession, and all other rights transferred hereby, except such, if any, as shall have previously reverted, shall remain vested in the party of the second part, its transferees, successors and assigns.

(2) That if the construction as covenants of any of the foregoing reservations and restrictions recited herein as covenants or the application of the same as covenants in any particular instance is held invalid, the particular reservations or restrictions in question shall be construed instead merely as conditions upon the breach of which the Government may exercise its option to cause the title, right of possession, and all other rights transferred to the party of the second part, or any portion thereof, to revert to it, and the application of such reservations or restrictions as covenants in any other instance and the constructions of the remainder of such reservations and restrictions as covenants shall not be affected thereby.

IN WITNESS WHEREOF, the party of the first part, the United States of America, acting by and through the War Assets Administrator, has caused these presents to be executed in its name and on its behalf by Orville Lamb, Regional Director, War Assets Administration, Louisville, Kentucky, and the Louisville and Jefferson County Air Board, to

(5) The property transferred in paragraph (4) of this paragraph, the property transferred in paragraph (4) of this paragraph, may be successively transferred only with the proviso that any such subsequent transferee assumes all the obligations imposed upon the party of the second part by the provisions of this instrument.

(6) That no property transferred by this instrument shall be used, leased, sold, salvaged, or disposed of by the party of the second part for other than airport purposes without the written consent of the Civil Aeronautics Administrator, which shall be granted only if said Administrator determines that the property can be used, leased, sold, salvaged or disposed of for other than airport purposes without materially and adversely affecting the development, improvement, operation or maintenance of the airport at which such property is located, provided, that no structures disposed of hereunder shall be used as an industrial plant, factory, or similar activity within the meaning of Section 23 of the Surplus Property Act of 1944, as amended, unless the party of the second part shall pay to the United States such sum as the War Assets Administrator or his successor in function shall determine to be a fair consideration for the removal of the restriction imposed by this proviso.

(7) The party of the second part does hereby release the Government, and will take whatever action may be required by the War Assets Administrator to assure the complete release of the Government from any and all liability the Government may be under for restoration or other damages under any lease or other agreement covering the use by the Government of the airport, or part thereof, owned, controlled or operated by the party of the second part, upon which adjacent to which, or in connection with which, any property transferred by this instrument was located or used, provided, that no such release shall be construed as depriving the party of the second part of any right it may otherwise have to receive reimbursement under Section 17 of the Federal Airport Act for the necessary rehabilitation or repair of public airports heretofore or hereinafter substantially damaged by any Federal Agency.

By acceptance of this instrument by the party of the second part, the party of the second part agrees with the party of the first part as follows:

(8) That the party of the second part agrees to the terms, conditions, and reservations contained herein.

Aeronautics Administrator or his successor in so necessary to prevent undue interference with use of other authorized aircraft, provided, further, that the Government shall be obligated to pay for damages caused by such use, or if its use of the landing area is substantial, to contribute a reasonable share of the cost of maintaining and operating the landing area, commensurate with the use made by it.

(3) That during any national emergency declared by the President of the United States of America or the Congress thereof, the Government shall have the right to make exclusive or nonexclusive use and have exclusive or nonexclusive control and possession, without charge, of the airport at which any of the property transferred by this instrument is located or used, or of such portion thereof as it may desire, provided, however, that the Government shall be responsible for the entire cost of maintaining such part of the airport as it may use exclusively, or over which it may have exclusive possession or control during the period of such use, possession or control, and shall be obligated to contribute a reasonable share, commensurate with the use made by it, of the cost of maintenance of such property as it may use nonexclusively or over which it may have nonexclusive control and possession; provided, further, that the Government shall pay a fair rental for its use, control, or possession, exclusively or nonexclusively of any improvements to the airport made without United States aid.

(4) That no exclusive right for the use of the airport at which the property transferred by this instrument is located shall be vested (directly or indirectly) in any person or persons to the exclusion of others in the same class, the term "exclusive right" being defined to mean:

- (1) any exclusive right to use the airport for conducting any particular aeronautical activity requiring operation of aircraft;
- (2) any exclusive right to engage in the sale or supplying of aircraft, aircraft accessories, equipment, or supplies (excluding the sale of gasoline and oil), or aircraft services necessary for the operation of aircraft, (including the sale or supply of aircraft,

The maintenance of the structures, improvements, facilities and equipment transferred by this instrument shall be maintained for the use and benefit of the public at all times in good and serviceable condition to assure its efficient operation, provided, however, that such maintenance shall be required as to structures, improvements, facilities and equipment only during the remainder of their estimated life, as determined by the Civil Aeronautics Administrator or his successor. In the event materials are required to rehabilitate or repair certain of the aforementioned structures, improvements, facilities or equipment, they may be procured by demolition of other structures, improvements, facilities or equipment transferred hereby and located on the above described premises which have outlived their use as airport property in the opinion of the Civil Aeronautics Administrator or his successor.

By the acceptance of this instrument of transfer or any rights hereunder, the said party of the second part for itself, its successors and assigns, also assumes the obligations of, covenants to abide by and agrees to, and this transfer is made subject to, the following reservations and restrictions set forth in subparagraphs (1) to (7) inclusive, of this paragraph, which shall run with the land, imposed pursuant to the authority of Article 4, Section 5, Clause 2 of the Constitution of the United States of America, the Surplus Property Act of 1944, as amended, Reorganization Plan 1, of 1947, (12 U.S.C. 4534) and applicable rules, regulations and orders:

(1) That insofar as it is within its powers, the party of the second part shall adequately clear and protect the aerial approaches to the airport by removing, lowering, relocating, marking or lighting or otherwise mitigating existing airport hazards and by preventing the establishment or creation of future airport hazards.

(2) That the United States of America (hereinafter sometimes referred to as the Government) through any of its employees or agents shall at all times have the right to make exclusive use of the landing area of the airport at which any of the property transferred by this instrument is located, provided, however, that such use may be limited by the Civil Aeronautics Administrator or his successor.

391

States of America, dated January 12, 1942, and as modified by Supplemental Agreements thereto, including 291.05 acres, more or less of land situated in Jefferson County, State of Kentucky, which lease is designated as W-559-Eng-5732.

Said property transferred hereby was duly declared surplus and was assigned to the War Assets Administrator for disposal, acting pursuant to the provisions of the abovementioned Act, and to Reorganization Plan 1 of 1947 (12 P.R. 4534) and applicable rules, regulations and orders.

TO HAVE AND TO HOLD said premises, with appurtenances, except the fissionable materials and other property excepted above and the rights reserved above, and under and subject to the reservations, restrictions and conditions set forth in this instrument, unto the said party of the second part, its successors, and assigns forever.

By the acceptance of this instrument or any rights hereunder, the said party of the second part, for itself, its successors and assigns, agrees that the transfer of the property transferred by this instrument, is accepted subject to the following restrictions, set forth in subparagraphs (1) and (2) of this paragraph, which shall run with the land, imposed pursuant to the authority of Article 4, Section 5, Clause 2 of the Constitution of the United States of America, the Surplus Property Act of 1944, as amended, and Reorganization Plan 1 of 1947, (12 P. R. 4534) and applicable rules, regulations and orders:

(1) That except as provided in subparagraph 6 of the next succeeding unnumbered paragraph, the land, buildings, structures, improvements and equipment in which this instrument transfers any interest, shall be used for public airport purposes, for the use and benefit of the public, on reasonable terms and without unjust discrimination and without grant or exercise of any exclusive right for use of the airport within the meaning of the term "exclusive right" as used in subparagraph 4 of the next succeeding paragraph. As used in this instrument the term "airport" shall be deemed to include at least all such land, buildings, structures, improvements, and equipment.

(2) That, except as provided in subparagraph (4) of the next succeeding paragraph, the entire landing area, as defined in WAA Regulation 16, dated June 26, 1945, and all structures, improvements, facilities and equipment located at or near in connection with the operation of

and as shown on the plan attached hereto as Exhibit "A" and as shown on the plan attached hereto as Exhibit "B".

The premises herein conveyed are subject to existing easements for roads, highways, public utilities, railroads, and pipe lines.

EXCEPTING, HOWEVER, from this conveyance all right, title and interest in and to all its property in the nature of equipment, furnishings, and other personal property located on the above described premises (leased or fee) which can be removed from the land without material injury to the land or structures located thereon, other than property of such nature located on the premises conveyed hereby which is reasonably necessary for the operation or maintenance of the airport, or for the operation or maintenance of the structures and improvements specifically listed hereinabove as being transferred hereby for any reasonable use for which such structures or improvements are readily adaptable; and further excepting from this conveyance all its structures on such premises other than structures specifically described or enumerated above as being conveyed hereunder, and reserving to the party of the first part for itself, its lessees, licensees, permittees, agents, and assigns the right to use the property and structures excepted hereby in such a manner as will not materially or adversely affect the development, improvement, operation or maintenance of the airport and the right of removal from said premises of such property and structures, all within a reasonable period of time after the date of this instrument, which shall not be construed to be a period more than one (1) year after the date hereof, together with a right of ingress and egress to and from said premises for such purposes.

By accepting this instrument or any rights hereunder, the said party of the second part hereby releases the party of the first part from any and all liability for all claims for losses or damage arising out of the exceptions and reservations enumerated above.

Further, the party of the first part, for the considerations hereinabove expressed, does hereby surrender, subject to the terms and conditions of this instrument, to the party of the second part the former's leasehold interest in and to the premises set forth and described in a lease from the Louisville and Jefferson County, Kentucky, State of the United

... of Old ...
 ... County ...
 ... also a part ...
 ... mentioned A. F. ...

A 300' ... with lines of the former ... now called ...

S 35° 45' E 1000 feet with the west line of New Cannon's Lane to the center of Dutchman's Lane, thence, leaving New Cannon's Lane and running

A 500' 25" W 1200' 2 feet, more or less, with the center of Dutchman's Lane to a point at the intersection of the center line of Old Cannon's Lane, said point being a corner common to the lands of the aforementioned A. F. Richer et al; thence, leaving the lands formerly owned by the Schaefer, et al and running

S 58° 56' W 620, 6 feet with the lands of the aforementioned A. F. Richer et al, and the center of Dutchman's Lane to the point of beginning containing 71.55 acres, more or less.

The foregoing described land being conveyed to the United States of America from August Friederick Richer et al, by deed dated September 9, 1942, and recorded in Deed Book 1859, page 47 of the Jefferson County records; and from the Estate of Joseph E. Schaefer, et al, by condemnation proceedings, filed in the United States District Court in and for the Western District of Kentucky, dated July 26, 1942.

Together with the following described buildings, structures and improvements which are numbered as follows:

T-30	T-51	T-608	T-515
T-31	T-52	T-505	T-516
T-32	T-59	T-606	T-517
T-33	T-60	T-607	T-518
T-34	T-61	T-608	T-520
T-35	T-62	T-609	T-521
T-36	T-601	T-610	T-522
T-47	T-602	T-611	T-537
T-48	T-603	T-612	T-540
T-49	T-604	T-613	T-575
T-50	T-605	T-614	

Together with all of the following machinery and equipment:

NOMENCLATURE	REPORTING AGENCY NO.	PAGE	LINE	QUANTITY
Brake, Bending Machine	15-020-200-040	1	1	1
Saw, Electric, Thor		1	2	1
Drill, Electric, 3/4"		1	3	1
Compressor, Air Chicago Pneum.		1	4	1
Roller, Road, Tandem		1	5	1
Tractor, Case, Farm Type		1	6	1
Tractor, Case, Farm Type		1	7	1
Pumper Pira, 500 GPM		1	8	1
Charger Battery, GE		1	9	1
Crane, Truck, 100 lbs.		1	10	1
Truck, Fire, 1500 lbs.		1	11	1
Truck, Fire, 1500 lbs.		1	12	1
Semi-Trailer, 1000 lbs.		1	13	1
Bolly Trailer, 1000 lbs.		1	14	1
Semi-Trailer, 1000 lbs.		1	15	1
Tractor, 1000 lbs.		1	16	1
Light, 1000 lbs.		1	17	1

Doc. 2132

111

Delivered to
C. Rainee
Mar 15 1945

THIS INDENTURE, made this 10th day of April, 1945, between the UNITED STATES OF AMERICA, acting by and through the WAR ASSETS ADMINISTRATOR, under and pursuant to Reorganization Plan 1, of 1947, (12 F.R. 4534) and the powers and authority contained in the provisions of the Surplus Property Act of 1944, as amended, and applicable rules, regulations and orders, party of the first part, and the LOUISVILLE AND JEFFERSON COUNTY AIR BOARD, a municipal body corporate, created and existing under and by virtue of the laws of the State of Kentucky, pursuant to authority of Kentucky Revised Statutes, Sec. 133.140, party of the second part,

WITNESSETH: That the said party of the first part, for and in consideration of the assumption by the party of the second part of all the obligations and its taking subject to certain reservations, restrictions and conditions, and its covenant to abide by and agreement to certain other reservations, restrictions and conditions, all as set out hereinafter, does hereby remise, release and forever quitclaim to the party of the second part, its successors and assigns, under and subject to the reservations, restrictions and conditions, exceptions, and rights hereinafter set out, all its right, title and interest in the following described real, personal or mixed property situated in the County of Jefferson, State of Kentucky, to wit:

PARCEL NO. 1.

All that certain parcel of land located in Jefferson County, Kentucky, and being more particularly described as follows:

Beginning at a point in the center of Dutchman's Lane, which is the most southerly corner of the following described tract, said point of beginning being a corner in the northeasterly line of a tract of land conveyed to the Board of Park Commissioners of the City of Louisville, Kentucky, by deed dated May 9, 1928, and recorded in Deed Book 1347, page 95, of the Jefferson County records, also being a corner of lands formerly owned by A. F. Eicher, et al, said lands being a part of this tract; thence running

N 35° 35' W 1782 feet with the line of the A. F. Eicher et al tracts to a stone, said stone being the southeasterly corner of a tract of land conveyed by A. H. Brown to the Louisville and Jefferson County Air Board by deed dated October 3, 1941, and recorded in Deed Book 1409, page 472 of the Jefferson County records;

N 84° 30' E 1782 feet to a stone, said stone being the southeasterly corner of a tract of land conveyed by A. H. Brown to the Louisville and Jefferson County Air Board by deed dated October 3, 1941, and recorded in Deed Book 1409, page 472 of the Jefferson County records;

420

to be certified to by the Clerk of this Court to the Clerk of the Jefferson County Court for record, which is hereby done.

ATTEST: John H. Alshiller
Clerk Jefferson Circuit Court
By, Joe. L. Ballard, D. C.

I, C. F. THEISEN, Clerk of the County Court of Jefferson County, in the State of Kentucky, do certify that on this day at 11:03 o'clock A.M. the foregoing deed was produced to me in my office, and that I have recorded it, this, and the foregoing certificate in my said office.

Witness my hand this 14th day of October 1940.

C. F. THEISEN, Clerk

#6
L.M.
135
S.H.
Delivered to
Grantee
NOV 15 1940

THIS DEED made this 28th day of August, 1940, by and between Herbert L. Murphy and Daisy L. Murphy, his wife, parties of the first part and Harold Smith and Nora P. Smith, his wife, of R. F. #4, Louisville, Kentucky, parties of the second part,

WITNESSETH: That for and in consideration of One (\$1.00) Dollar, cash in hand paid, the receipt of which is hereby acknowledged, and the further consideration of the assumption by said second parties, to pay off when and as the same becomes due, the unpaid portion of a mortgage in favor of the Avery Building Association, amounting to NINE HUNDRED EIGHTY TWO AND 70/100 (\$982.70) Dollars, dated June 24, 1939; recorded in Deed Book #1715, Page #149, in the office of the Clerk of the County Court of Jefferson County, Kentucky, and to secure the same a lien is hereby retained upon the following described property, provided, however, that when a proper release is made of record of said mortgage, the same shall operate as a full and complete release of the lien herein retained to secure the same, and the further consideration of one (1) note of even date herewith, payable to Leonard Walcott, Weissinger-Gaulbert Apartments, Louisville, Kentucky, for the principal sum of Five Hundred Sixty-seven and 30/100 (\$567.30) Dollars, and or before four (4) years after date, in monthly installments of Four and no/100 (\$4.00) Dollars each, the first installment being due one (1) month after date and continuing monthly thereafter until said note is due and payable in full, said note to bear interest at the rate of six per cent per annum, payable monthly, it being agreed that said installments as paid are to be applied first to interest and then to principal, and to secure the payment of said note and interest, a lien is also retained upon the following described property; the parties of the first part do hereby sell, transfer and convey unto the parties of the second part, as tenants in common for and during their joint lives, with the remainder to the survivor of them in fee simple with covenant of General Warranty, the following described property located in Jefferson County, Kentucky, to-wit:

BEING Lot #2 of #. D. Stringer's Subdivision of Tract 190 in Edgewood Subdivision, as shown by plat of record in Plat and Subdivision Book #7, Page #56, in the office of the Clerk of the County Court of Jefferson County, Kentucky;

BEING the same property conveyed to the first parties herein by deed dated March 23, 1939; recorded in Deed Book #1713, Page #308, in the office of the Clerk aforesaid.

The parties of the first part further covenant that they are lawfully seized of the property herein conveyed and that they have good right and full power to convey the same; that said property is free of all liens, taxes and encumbrances, except the liens securing the above mentioned assumption and note, 1940 taxes and all taxes assessed thereafter, which taxes and encumbrances the parties of the second part hereby agree to assume and pay.

It is agreed between the parties hereto that should the taxes, insurance, interest on said note, or any installment thereon, remain unpaid for a space of thirty days after same becomes due, then the holder, or holders, of the same may at once enforce their lien according to law, without demand or notice.

Said second parties agree to keep the improvements on said premises insured in some good and solvent insurance company in the sum of at least \$1000.00, loss, if any, payable to the holder, or holders, of said note, as their interest may appear.

It is a part of the consideration of this conveyance that this property shall not be sold, rented, or occupied by any person, or persons, of African descent, and is subject to existing restrictions and easements.

IN TESTIMONY WHEREOF, witness the signatures of the parties of the first part, this the day and year first above written.



Herbert L. Murphy
Daisy L. Murphy

STATE OF KENTUCKY
COUNTY OF JEFFERSON

by deed recorded in Deed Book 1637, Page 275, in the office of the Jefferson County Court Clerk.

And such proceedings were had in such cases that a verdict was rendered and a judgment and supplemental judgment entered assessing the damages for the taking of said land and the improvements thereon and the costs of said action in the aggregate sum of \$84,448.00, and by said supplemental judgment there was paid into Court by the Banks said sum of \$84,448.00, in the several proportions and sums set after their names as follows, respectively:

NAME	PERCENTAGE	AMOUNT
Citizens Union National Bank	34%	\$ 28,718.00
First National Bank	27%	17,734.00
Liberty National Bank & Trust Company	14%	11,823.00
The Louisville Trust Company	10%	8,445.00
Lincoln Bank & Trust Company	9%	7,600.00
Fidelity & Columbia Trust Company	5%	4,222.00
Kentucky Title Trust Company	3%	2,538.00
Security Bank	2%	1,689.00
Stock Yards Bank	1%	845.00
United States Trust Company	1%	845.00
TOTALS	100%	\$84,448.00

AND WHEREAS said supplemental judgment ordered the Commissioner to convey the five tracts of land hereinafore described to the Air Board, subject to a lien in favor of the Banks. All of which more at large appears by reference to said cause, which reference is now heremade for greater certainty.

NOW, THEREFORE, this Deed further witnesseth that the said Grantors, all by Charles T. Ray, Commissioner of Jefferson Circuit Court, do by these presents grant and convey to said Air Board, its successors and assigns, in fee simple, the five tracts of land hereinafore described, subject to a first and superior lien, created and defined as follows:

(1) The lien shall exist in favor of, and be owed by the Banks, without priority one over another, in proportion to the amounts so contributed by each of them, respectively;

(2) The lien shall exist to secure to the Banks the repayment of them of said sum of \$84,448.00 so paid into Court, together with interest thereon at the rate of 6% per annum from the date hereof to maturity, and interest thereon at the rate of 6% per annum from the maturity of the lien until paid;

(3) The lien shall mature on July 2, 1941, and if the amount so paid into Court by the Banks shall not have been repaid to them, together with interest as hereinbefore provided, the lien may, at any time after July 2, 1941, be enforced by a judicial sale of the fee simple title in and to the five tracts of land hereinafore described, or so much thereof as may be necessary to raise the amount of money secured by said lien. The enforcement of said lien may be had in said Jefferson Circuit Court action No. 266,014, or in an independent action.

(4) Nothing herein contained shall be construed to create a debt against Louisville and Jefferson County Air Board, Jefferson County, or the Fiscal Court of Jefferson County, and nothing herein contained shall be construed to prevent or prohibit the Fiscal Court of Jefferson County from levying a tax, within lawful limits, for the benefit of Louisville and Jefferson County Air Board, or to prevent or prohibit Louisville and Jefferson County Air Board from applying the proceeds of any such levy to the discharge of the lien hereinbefore created and defined.

IN TESTIMONY WHEREOF, the said Charles T. Ray, as Commissioner, has hereunto set his name the day and year first within written.

Examined and Approved:
 14th day of October 1940
 Wm. H. Field
 Judge

Charles T. Ray
 Commissioner of the Jefferson
 Circuit Court
 By, M. E. Hais
 Deputy Commissioner

We hereby certify that no stamps are required hereon under the Revenue Act of 1932.
 Lawrence S. Graham
 Sps. Atty.

COMMONWEALTH OF KENTUCKY
 JEFFERSON CIRCUIT COURT

At a Court held for the Court aforesaid, on the 14th day of October, 1940, came Charles T. Ray, Commissioner, and produced in Court the within and foregoing deed to Louisville and Jefferson County Air Board, et al, and executed and acknowledged the same as Commissioner for and on behalf of the grantors therein named to be their act and deed.

and said deed, being examined and approved by the Judge, is ordered

418

Witness my hand this 14th day of October 1940.

C. F. THEISEN, Clerk

By, John T. Wiley, D. C.

725
L.H.
R.C.
E.S.
Delivered to
Grantee
NOV 18 1940

THIS DEED made this 14th day of October, 1940, by and between Louise Marshall, Fidelity & Columbia Trust Company, Trustees for Richard V. Marshall and Helen C. Marshall under Deed of Trust recorded in Deed Book 1201, Page 431, Jefferson County Court Clerk's Office, Richard V. Marshall, Helen C. Marshall, Sallie Ewing Deaker, Nicholas H. Deaker, Burwell K. Marshall, Kathleen Marshall, Elizabeth M. Johnson, Lewis Y. Johnson, Louis Daibel, William Euter, John Metoun, and Carl J. Eramor, (hereinafter called "Grantors"), all by Charles T. Ray, Commissioner of the Jefferson Circuit Court; Citizens Union National Bank, First National Bank, Liberty National Bank & Trust Company, The Louisville Trust Company, Lincoln Bank & Trust Company, Fidelity & Columbia Trust Company, Kentucky Title Trust Company, Security Bank, Stock Yards Bank, and United States Trust Company (hereinafter sometimes called the "Banks"); and Louisville and Jefferson County Air Board (hereinafter called "Air Board");

WITNESSETH:

August

That whereas on the 17th day of September, 1940, said Air Board instituted its action against Grantors, No. 286,014, Jefferson Circuit Court, and whereas on the 20th day of September, 1940, Grantors filed their answers, and certain proceedings were had and orders made, and among others it was sought to condemn the five tracts of land situated in Jefferson County, Kentucky, more particularly described as follows:

Tract #1. "BEGINNING at a point in the center line of Cannons Lane North 33-3/4 degrees 1848 feet from the Southwest corner of the 139 acre tract allotted to Mrs. Elizabeth Marshall under will of R. S. Veach; thence with the center line of Cannons Lane North 33-3/4 degrees West 624 feet; thence North 59 degrees and 25 minutes East 1398-1/2 feet to a line common to the 139 acre tract and the 162.917 acre tract mentioned in the will of R. S. Veach; thence parallel with said common line South 33-3/4 degrees East 624 feet; thence South 59 degrees and 25 minutes West 1398-1/2 feet to the beginning, containing 20 acres, being the same property conveyed to said Louise Marshall by deed recorded in Deed Book 1637, Page 275 in the office of the Jefferson County Court Clerk."

Tract #2. "BEGINNING at a point in the center line of Cannons Lane North 33-3/4 degrees West 1872 feet from the Southwest corner of the 139 acre tract allotted to Mrs. Elizabeth Marshall under the will of R. S. Veach; thence with the center line of Cannons Lane North 33-3/4 degrees West 624 feet; thence North 59 degrees and 25 minutes East 1398-1/2 feet to a line common to the 139 acre tract and the 162.917 acre tract mentioned in the will of R. S. Veach; thence parallel with said common line South 33-3/4 degrees East 624 feet; thence South 59 degrees and 25 minutes West 1398-1/2 feet to the beginning, containing 20 acres, being the same property conveyed to said Richard V. Marshall and Helen C. Marshall by deed recorded in Deed Book 1637, Page 275, in the office of the Jefferson County Court Clerk."

Tract #3. "BEGINNING at a point in the center line of Cannons Lane North 33-3/4 degrees West 2425 feet from the Southwest corner of the 139 acre tract allotted to Mrs. Elizabeth Marshall under the will of R. S. Veach; thence with the center line of Cannons Lane North 33-3/4 degrees West 624 feet; thence North 59 degrees and 25 minutes East 1398-1/2 feet to a line common to the 139 acre tract and the 162.917 acre tract mentioned in the will of R. S. Veach; thence parallel with said common line South 33-3/4 degrees East 624 feet; thence South 59 degrees and 25 minutes West 1398-1/2 feet to the beginning, containing 20 acres, being the same property conveyed to Sallie Ewing Deaker by deed recorded in Deed Book 1637, page 277, in the office of the Jefferson County Court Clerk."

Tract #4. "BEGINNING at a point in the center line of Cannons Lane North 33-3/4 degree West 3120 feet from the Southwest corner of the 139 acre tract allotted to Mrs. Elizabeth Marshall under the will of R. S. Veach; thence with the center line of Cannons Lane North 33-3/4 degrees West 624 feet; thence North 59 degrees and 25 minutes East 1398-1/2 feet to a line common to the 139 acre tract and the 162.917 acre tract mentioned in the will of R. S. Veach; thence parallel with said common line South 33-3/4 degrees East 624 feet; thence South 59 degrees and 25 minutes West 1398-1/2 feet to the beginning, containing 20 acres, being the same property conveyed to said Burwell K. Marshall by deed recorded in Deed Book 1637, Page 275, in the office of the Jefferson County Court Clerk."

Tract #5. "BEGINNING at a point in the center line of Cannons Lane North 33-3/4 degrees West 3744 feet from the Southwest corner of the 139 acre tract allotted to Mrs. Elizabeth Marshall under the will of R. S. Veach; thence with the center line of Cannons Lane North 33-3/4 degrees West 540 feet to the Northwest corner of the aforesaid 139 acre tract; thence North 57 degrees and 20 minutes East 405 feet to the center of the Sinking Fork of Beargrass Creek; thence with the center of said Creek with its meanders as follows: North 32-1/2 degrees East 692 feet North 50-1/2 degrees East 76 feet, South 74-1/3 degrees East 144 feet, South 36-1/4 degrees East 263 feet, North 82 degrees and 20 minutes East 100 feet, North 56 degrees and 40 minutes East 73 feet to a point in the center line of Beargrass Creek, common to the 139 acre tract and the 162.917 acre tract mentioned in the will of R. S. Veach; thence with the line common to the two aforesaid tracts South 33-3/4 degrees East 624 feet; thence South 59 degrees and 25 minutes West 1398-1/2 feet to the beginning, containing 20 acres, being the same property conveyed to said Elizabeth M. Johnson

The EDR Environmental LienSearch™ Report

3600 Century Division Way
Louisville, KY 40205
NREIS# D7-4665

Project Number: 1847659.7S

February 5, 2007



EDR® Environmental
Data Resources Inc



The Standard in Environmental Risk Information

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Milford, Connecticut 06461

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Internet: www.edrnet.com

EDR Environmental LienSearch™ Report

The EDR Environmental LienSearch Report includes results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers follows established procedures to:

- search for parcel information, legal description, and ownership based on client supplied address information;
- research indexes and title repositories;
- obtain a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument (title, parties involved, and description); and
- provide a copy of the deed.

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

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TARGET PROPERTY INFORMATION

ADDRESS

US ARMY RESERVE CENTER MG BENJAMIN J. BUTLER
3600 CENTURY DIVISION WAY
LOUISVILLE, KY 40205

RESEARCH SOURCE

Sources: Jefferson County Clerk's Office

DEED INFORMATION

Type of Deed: WD QCD Other DEED

Title is vested in: COMMONWEALTH OF KENTUCKY FOR THE USE AND BENEFIT OF THE
 DEPARTMENT OF TRANSPORTATION, BUREAU OF HIGHWAYS

Title received from: THE LOUISVILLE AND JEFFERSON COUNTY AIR BOARD

Deed Dated: 04/19/1977
Deed Recorded: 05/05/1977
Book: 4929
Page: 277

LEGAL DESCRIPTION

SEE ATTACHMENT EXHIBIT A

Assessor's Parcel Number: 14-082B-0027-0000

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

If yes:

1st Party:

2nd Party:

Dated:
Recorded:
Book:
Page:
Comments:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: Found Not Found

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EXHIBIT A

I. SITUATED IN JEFFERSON COUNTY, KENTUCKY, DESCRIBED AS FOLLOWS:

TRACT 1: BEGINNING AT A POINT IN THE SOUTHWEST PROPERTY CORNER OF PARCEL NO. 2, SAID POINT BEING 32.17 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 85 + 76.84; THENCE WITH THE WEST PROPERTY LINE NORTH 30°23'13" WEST, 5.83 FEET TO A POINT IN THE RIGHT OF WAY LINE OF PROPOSED DUTCHMANS LANE, SAID POINT BEING 38.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 85 + 76.84; THENCE WITH THE PROPOSED RIGHT OF WAY NORTH 59°36'47" EAST, 323.16 FEET TO A POINT, SAID POINT BEING 38.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 89 + 00.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY LINE NORTH 30°23'13" WEST, 7.00 FEET TO A POINT, SAID POINT BEING 45.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 89.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 59°36'47" EAST, 90.36 FEET TO A POINT, SAID POINT BEING 45.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 89 + 90.36; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY ON AN ARC, TO THE RIGHT, OF RADIUS 7,684.44 FEET A DISTANCE OF 223.53 FEET TO A POINT, SAID POINT BEING 45.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 92 + 12.58; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 61°16'47" EAST, 77.42 FEET TO A POINT, SAID POINT BEING 45.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 92 + 90.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 28°43'13" WEST, 15.00 FEET TO A POINT, SAID POINT BEING 60.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 92 + 90.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 61°16'47" EAST, 70.00 FEET TO A POINT, SAID POINT BEING 60.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 93 + 60.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 28°43'13" WEST, 14.00 FEET TO A POINT, SAID POINT BEING 74.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 93 + 60.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 61°16'47" EAST, 75.00 FEET TO A POINT, SAID POINT BEING 74.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 94 + 35.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY SOUTH 72°54'48" EAST, 50.21 FEET TO A POINT, SAID POINT BEING 38.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 94 + 70.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 61°16'47" EAST, 838.06 FEET TO A POINT, SAID POINT BEING 38.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 103 + 08.03; THENCE SOUTH 28°43'13" EAST, 25.83 FEET TO A POINT, SAID POINT BEING 12.16 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 103 + 08.06; THENCE SOUTH 61°26'11" WEST 1,731.96 FEET TO THE POINT OF BEGINNING.

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THE ABOVE DESCRIBED TRACT CONTAINS 1.015 ACRES, MORE OR LESS.

TRACT 2: BEGINNING AT A POINT IN THE EXISTING RIGHT OF WAY, SAID POINT BEING 21.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 112 + 70.73; THENCE SOUTH 58°23'40" WEST, 17.00 FEET TO A POINT IN THE RIGHT OF WAY PROPOSED CANNONS LANE, SAID POINT BEING 38.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 112 + 70.68; THENCE WITH THE PROPOSED RIGHT OF WAY NORTH 31°26'13" WEST, 429.32 FEET TO A POINT, SAID POINT BEING 38.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 117 + 00.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 76°26'13" WEST, 42.43 FEET TO A POINT, SAID POINT BEING 68.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 117 + 30.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 31°26'13" WEST, 50.00 FEET TO A POINT, SAID POINT BEING 68.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 117 + 80.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 24°52'23" EAST, 36.06 FEET TO A POINT, SAID POINT BEING 38.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 118 + 00.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 31°26'13" WEST, 253.00 FEET TO A POINT, SAID POINT BEING 38.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 120 + 53.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 80°31'21" WEST 39.70 FEET TO A POINT, SAID POINT BEING 68.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 120 + 79.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 31°26'13" WEST, 48.00 FEET TO A POINT, SAID POINT BEING 68.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 121 + 27.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 9°28'39" EAST, 39.70 FEET TO A POINT, SAID POINT BEING 42.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 121 + 57.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 31°26'13" WEST, 34.37 FEET TO A POINT, SAID POINT BEING 42.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 121 + 91.37; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY ON AN ARC, TO THE LEFT, OF RADIUS 7,597.44 FEET, A DISTANCE OF 217.83 FEET TO A POINT, SAID POINT BEING 42.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 124 + 10.41; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 33°04'47" WEST, 174.59 FEET TO A POINT, SAID BEING 42.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 125 + 85.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 79°12'11" WEST, 36.09 FEET TO A POINT BEING 68.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 126 + 10.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 33°04'47" WEST, 45.00 FEET TO A POINT, SAID POINT BEING 68.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 126 + 55.00; THENCE CONTINUING WITH THE PROPOSED

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RIGHT OF WAY NORTH 07°50'05" EAST, 39.70 FEET TO A POINT, SAID POINT BEING 42.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 126 + 85; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 33°04'47" WEST, 426.90 FEET TO A POINT, SAID POINT BEING 42.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 131 + 11.90; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY ON AN ARC, TO THE RIGHT, OF RADIUS 11,501.16 FEET, A DISTANCE OF 476.96 FEET TO A POINT, SAID POINT BEING 42.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 135 + 87.12; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 30°42'13" WEST, 13.88 FEET TO A POINT, SAID POINT BEING 42.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 136 + 00.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 31°50'58" WEST, 390.06 FEET TO A POINT, SAID POINT BEING 48.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 139 + 00.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 30°42'13" WEST, 60.00 FEET TO A POINT BEING 48.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 139 + 60.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 66°57'27" WEST, 37.20 FEET TO A POINT, SAID POINT BEING 70.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 139 + 90.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY NORTH 30°42'13" WEST, 70.00 FEET TO A POINT, SAID POINT BEING 70.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 140 + 60.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY LINE NORTH 05°33'01" EAST, 37.20 FEET TO A POINT, SAID POINT BEING 48.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 140 + 90.00; THENCE CONTINUING WITH THE PROPOSAL RIGHT OF WAY LINE NORTH 30°42'13" WEST, 110.00 FEET TO A POINT IN THE EXISTING RIGHT OF WAY LINE, SAID POINT BEING 48.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 142 + 00.00; THENCE NORTH 59°17'47" EAST, 3.00 FEET TO A POINT, SAID POINT BEING 45.00 FEET LEFT OF AND OPPOSITE PROPOSAL CENTERLINE STATION 142 + 00.00; THENCE SOUTH 32°42'29" EAST, 200.12 FEET TO A POINT; SAID POINT BEING 38.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 140 + 00.00; THENCE NORTH 58°56'23" EAST, 38.73 FEET TO A POINT, SAID POINT BEING 0.73 FEET RIGHT OF AND OPPOSITE PROPOSED CENTERLINE STATION 140 + 00.24; THENCE SOUTH 31°26'13" EAST, 2,729.10 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED TRACT 2.235 ACRES, MORE OR LESS.

II. THE FOLLOWING DESCRIBED PROPERTY TO BE USED FOR HIGHWAY PURPOSES:

TRACT 2A: BEGINNING AT A POINT IN THE RIGHT OF WAY LINE OF PROPOSED DUTCHMANS LANE, SAID POINT BEING IN THE WEST PROPERTY LINE OF PARCEL NO. 2 AND 38.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE

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STATION 85 + 76.84; THENCE WITH THE WEST PROPERTY LINE NORTH 30°23'13" WEST, 12.00 FEET TO A POINT IN THE PERMANENT EASEMENT FOR RIGHT OF WAY LINE, SAID POINT BEING 50.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 85 + 76.84; THENCE WITH THE PROPOSED PERMANENT EASEMENT NORTH 59°36'47" EAST, 73.16 FEET TO A POINT, SAID POINT BEING 50.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 86 + 50.00; THENCE CONTINUING WITH THE PROPOSED PERMANENT EASEMENT LINE NORTH 58°18'18" EAST, 350.17 FEET TO A POINT, SAID POINT BEING 58.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 90 + 00.00; THENCE CONTINUING WITH THE PROPOSED PERMANENT EASEMENT LINE NORTH 58°26'10" EAST, 301.96 FEET TO A POINT, SAID POINT BEING 70.00 LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 93 + 00.00; THENCE CONTINUING WITH THE PROPOSED PERMANENT EASEMENT LINE NORTH 16°16'47" EAST, 70.71 FEET TO A POINT, SAID POINT BEING 120.00 FEET LEFT AND OPPOSITE PROPOSED CENTERLINE STATION 93 + 50.00; THENCE CONTINUING WITH THE PROPOSED PERMANENT EASEMENT LINE NORTH 61°16'47" EAST 15.00 FEET TO A POINT, SAID POINT BEING 120.00 FEET LEFT AND OPPOSITE PROPOSED CENTERLINE STATION 93 + 65.00; THENCE CONTINUING WITH THE PROPOSED PERMANENT LINE SOUTH 28°43'13" EAST, 17.00 FEET TO A POINT, SAID POINT BEING 103.00 FEET LEFT OF AND PROPOSED CENTERLINE STATION 93 + 65.00; THENCE CONTINUING WITH THE PROPOSED PERMANENT EASEMENT LINE OF NORTH 61°16'47" EAST, 65.00 FEET TO A POINT, SAID POINT BEING 103.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 94 + 30.00; THENCE CONTINUING WITH THE PROPOSED PERMANENT EASEMENT LINE SOUTH 28°43'13" EAST, 29.00 FEET TO A POINT IN THE PROPOSED RIGHT OF WAY LINE, SAID POINT BEING 74.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 94 + 30.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY LINE SOUTH 61°16'47" WEST, 70.00 FEET TO A POINT, SAID POINT BEING 74.00 FEET, LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 93 + 60.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY LINE SOUTH 28°43'13" EAST, 14.00 FEET TO A POINT, SAID POINT BEING 60.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 93 + 60.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY LINE SOUTH 61°16'47" WEST, 70.00 FEET TO A POINT, SAID POINT BEING 60.00 FEET OF LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 92 + 90.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY LINE SOUTH 28°43'13" EAST, 15.00 TO A POINT, SAID POINT BEING 45.00 FEET LEFT OF OPPOSITE PROPOSED CENTERLINE STATION 92 + 90.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY LINE SOUTH 61°16'47" WEST, 77.42 FEET TO A POINT, SAID POINT BEING 45.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 92 + 12.58; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY ON AN ARC, TO THE LEFT, OF RADIUS

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7,684.44 FEET A DISTANCE OF 223.53 FEET TO A POINT, SAID POINT BEING 45.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 89 + 90.36; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY LINE SOUTH 59°36'47" WEST, 90.36 FEET TO A POINT, SAID POINT BEING 45.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 89 + 00.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY LINE SOUTH 30°23'13" EAST, 7.00 FEET TO A POINT, SAID POINT BEING 33.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 89 + 00.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY LINE SOUTH 59°36'7" WEST, 323.16 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED TRACT CONTAINS 0.358 ACRES, MORE OR LESS.

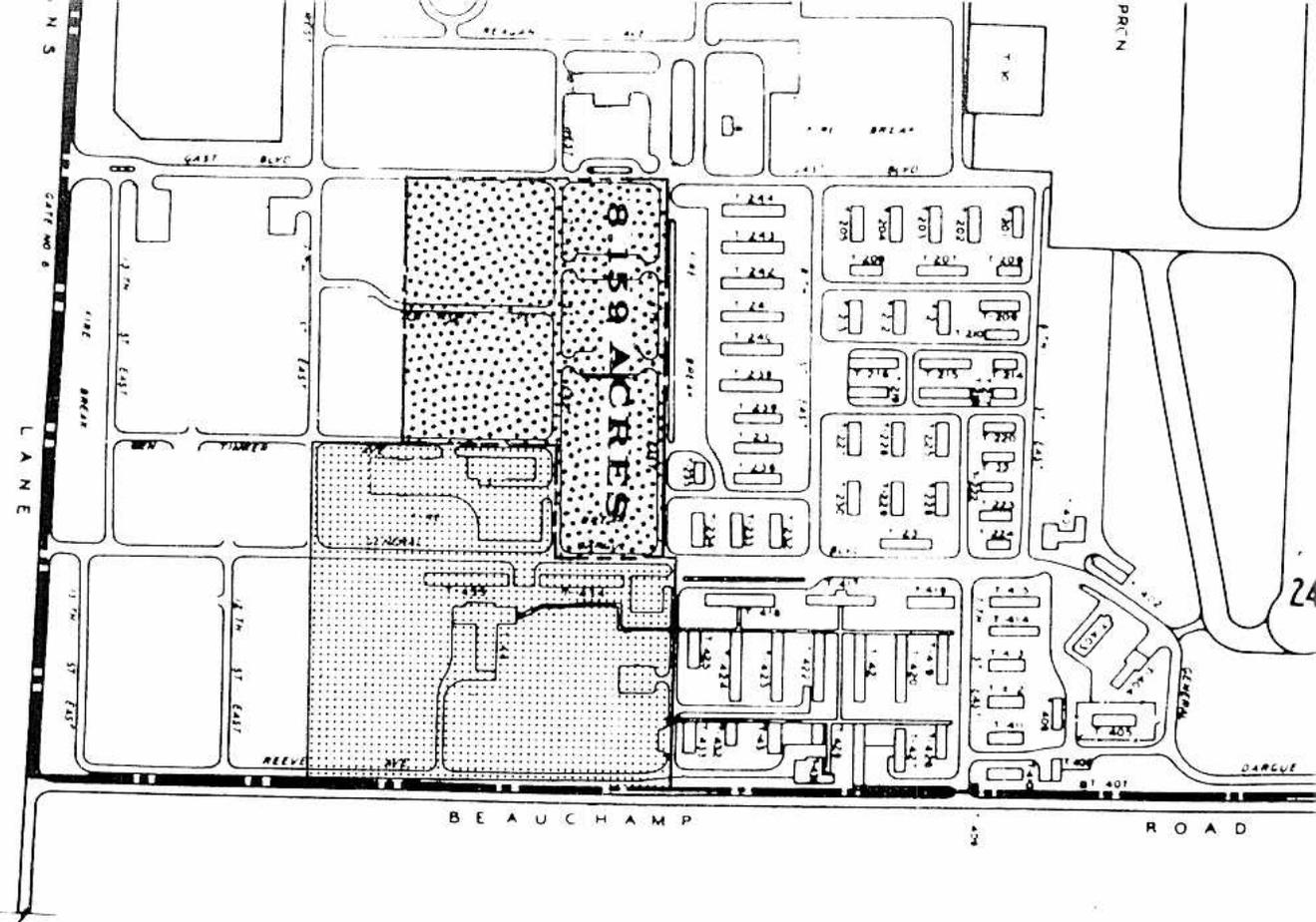
TRACT 2B: BEGINNING AT A POINT IN THE RIGHT OF WAY LINE OF PROPOSAL DUTCHMANS LANE, SAID POINT BEING 53.00 LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 94 + 55.42; THENCE WITH THE PROPOSED PERMANENT EASEMENT NORTH 61°16'47" EAST, 344.58 FEET TO A POINT, SAID POINT BEING 53.00 LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 98 + 00.00; THENCE CONTINUING WITH THE PROPOSED PERMANENT EASEMENT LINE NORTH 58°25'02" EAST, 200.25 FEET TO A POINT, SAID POINT 63.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 100 + 00.00; THENCE CONTINUING WITH THE PROPOSED PERMANENT EASEMENTS LINE NORTH 61°16'47" EAST, 50.00 FEET TO A POINT, SAID POINT BEING 63.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 100 + 50.00; THENCE CONTINUING WITH THE PROPOSED PERMANENT EASEMENT LINE NORTH 72°35'23" EAST, 50.99 FEET TO A POINT, SAID POINT BEING 53.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 101 + 00.00; THENCE CONTINUING WITH THE PROPOSED PERMANENT EASEMENT LINE NORTH 61°16'47" EAST, 135.00 FEET TO A POINT, SAID POINT BEING 53.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 102 + 35.00; THENCE CONTINUING WITH THE PROPOSED PERMANENT EASEMENT LINE NORTH 28°43'13" WEST, 37.00 FEET TO A POINT, SAID POINT BEING 90.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 102 + 35.00; THENCE CONTINUING WITH THE PROPOSED PERMANENT EASEMENT LINE NORTH 61°16'47" EAST, 43.00 FEET TO A POINT, SAID POINT BEING 90.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 102 + 78.00; THENCE CONTINUING WITH THE PROPOSED PERMANENT EASEMENT LINE NORTH 76°48'14" EAST, 31.20 FEET TO A POINT IN AN EASTERLY PROPERTY LINE OF PARCEL NO. 2, SAID POINT BEING 81.65 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 103 + 08.06; THENCE WITH SAID PROPERTY LINE SOUTH 28°43'13" EAST, 43.65 FEET TO A POINT IN THE PROPOSED RIGHT OF WAY LINE, SAID POINT BEING 38.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 103 + 08.06; THENCE WITH THE PROPOSED RIGHT OF WAY LINE OF SOUTH 61°16'47" WEST, 838.06 FEET TO A POINT, SAID

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POINT BEING 38.00 FEET LEFT OF AND OPPOSITE PROPOSED CENTERLINE STATION 94 + 70.00; THENCE CONTINUING WITH THE PROPOSED RIGHT OF WAY LINE NORTH 72°54'48" WEST, 20.918 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED TRACT CONTAINS 0.390 ACRES, MORE OR LESS.

BEING THE SAME PROPERTY CONVEYED FROM THE LOUISVILLE AND JEFFERSON COUNTY AIR BOARD TO THE COMMONWEALTH OF KENTUCKY FOR THE USE AND BENEFIT OF THE DEPARTMENT OF TRANSPORTATION, BUREAU OF HIGHWAYS BY DEED RECORDED 5/5/77, IN BOOK 4929, PAGE 277 IN THE REGISTERS OFFICE OF JEFFERSON COUNTY, KENTUCKY.



LEGEND

-  LAND ACQUIRED BY U.S. GOVERNMENT FOR NON-DIVISIONAL ARC
-  LAND LEASED TO FEDERAL GOVERNMENT FOR 100TH DIVISION ARMORY

REAL ESTATE PLANNING MAP
BOWMAN FIELD
 LOUISVILLE, KENTUCKY

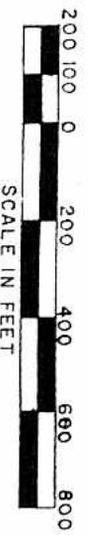
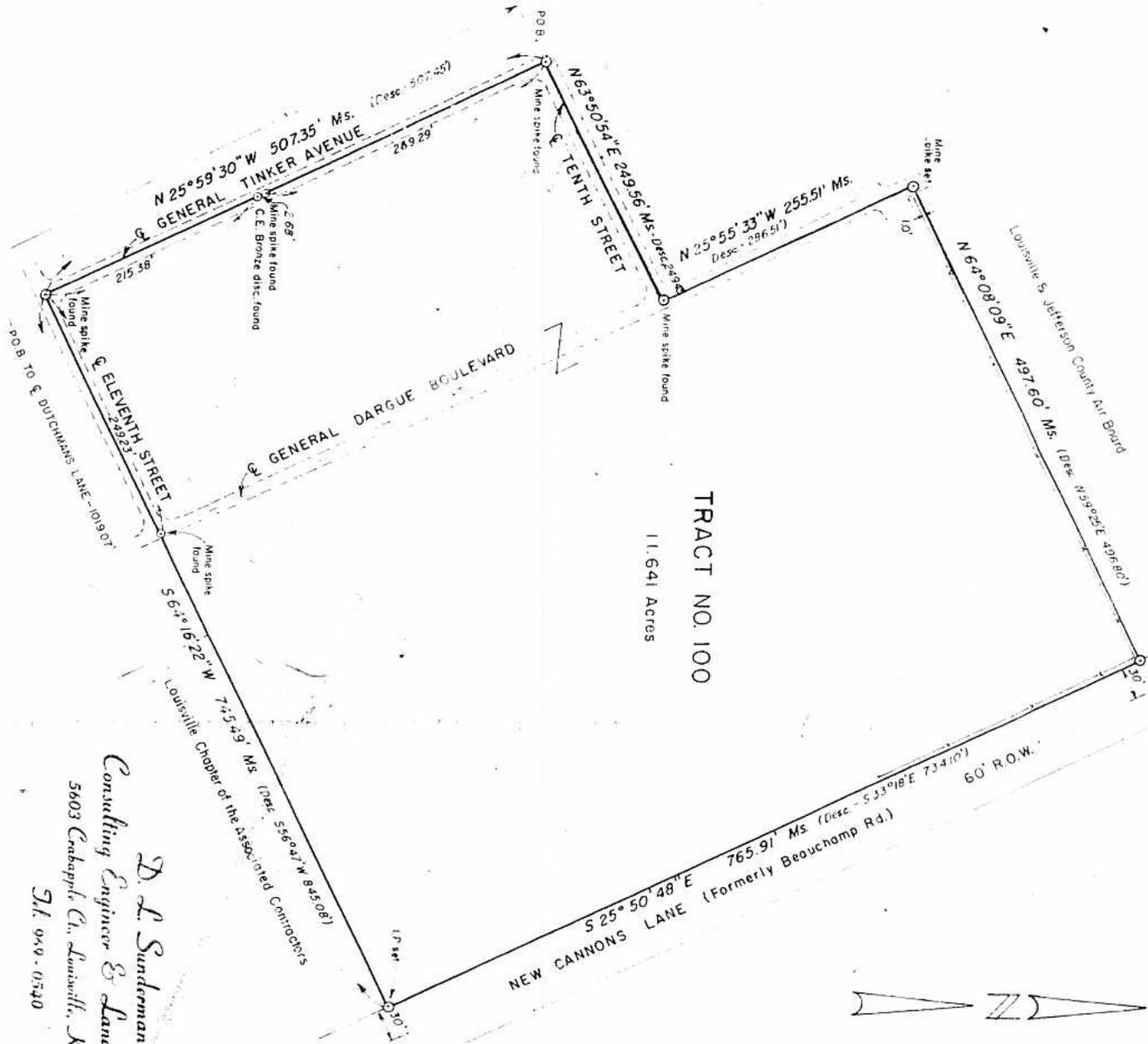


EXHIBIT "B"



D. L. Sunderman
 Consulting Engineer & Land Surveyor
 5603 Crabapple Ct., Louisville, Ky. 40219
 G.L. 949 - 0540

NOTE:
 Bearings are referenced to G of General Tinker Ave. given as S 25° 59' 30" E on plat for Tracts 100 and 101, by DACE, Louisville Dist., Reel Esign. 514 and dated 6 April 1970.

SURVEYOR'S CERTIFICATE
 I hereby certify that the survey was made under my supervision and that the angular and linear measurements shown therein are correct to the best of my knowledge and belief.

D. L. Sunderman
 Land Surveyor
 Kentucky Registration No. 187



PLAT OF TRACT NO. 100
 BOWMAN FIELD, U.S. ARMY RESERVE CENTER,
 Louisville, Kentucky

FOR Department of the Army, Corps of Engineers,
 Ohio - Kentucky Project Office, P.O. Box 1866
 Louisville, Kentucky

DATE: 1 NOV 1972 SCALE: 1" = 100' DWG No. 811



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Data Resources Inc

The EDR Radius Map with GeoCheck®

**U.S. Army Reserve Center MG Benjamin J. Butler
3600 Century Division Way (KY076)
Louisville, KY 40205**

Inquiry Number: 1847659.2s

February 01, 2007

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

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Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	10
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	A-16

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with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

3600 CENTURY DIVISION WAY (KY076)
LOUISVILLE, KY 40205

COORDINATES

Latitude (North): 38.227300 - 38° 13' 38.3"
Longitude (West): 85.653300 - 85° 39' 11.9"
Universal Transverse Mercator: Zone 16
UTM X (Meters): 617876.3
UTM Y (Meters): 4231686.0
Elevation: 523 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38085-B6 LOUISVILLE EAST, KY
Most Recent Revision: 1994

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

FEDERAL RECORDS

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
Delisted NPL..... National Priority List Deletions
NPL RECOVERY..... Federal Superfund Liens
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRA-TSDF..... Resource Conservation and Recovery Act Information
RCRA-LQG..... Resource Conservation and Recovery Act Information

EXECUTIVE SUMMARY

ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
LUCIS	Land Use Control Information System
US CDL	Clandestine Drug Labs
RADINFO	Radiation Information Database
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

SHWS	State Leads List
SWF/LF	Solid Waste Facilities List
HIST LF	Historical Landfills
SB193	SB193 Branch Site Inventory List
INST CONTROL	State Superfund Database
VCP	Voluntary Cleanup Program Sites
DRYCLEANERS	Drycleaner Listing
NPDES	Permitted Facility Listing
LEAD	Environmental Lead Program Report Tracking Database

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

EXECUTIVE SUMMARY

FEDERAL RECORDS

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/13/2006 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>TWINBROOK NURSING HOME</i>	<i>3526 DUTCHMAN S LANE</i>	<i>1/8 - 1/4S</i>	<i>1</i>	<i>6</i>
<i>US ARMY RESERVE CENTER</i>	<i>2 GAST BLVD.</i>	<i>1/8 - 1/4N</i>	<i>2</i>	<i>7</i>

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 FUDS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BOWMAN ARMY AIR FIELD		1/2 - 1 W	4	9

STATE AND LOCAL RECORDS

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

A review of the UST list, as provided by EDR, and dated 10/27/2006 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

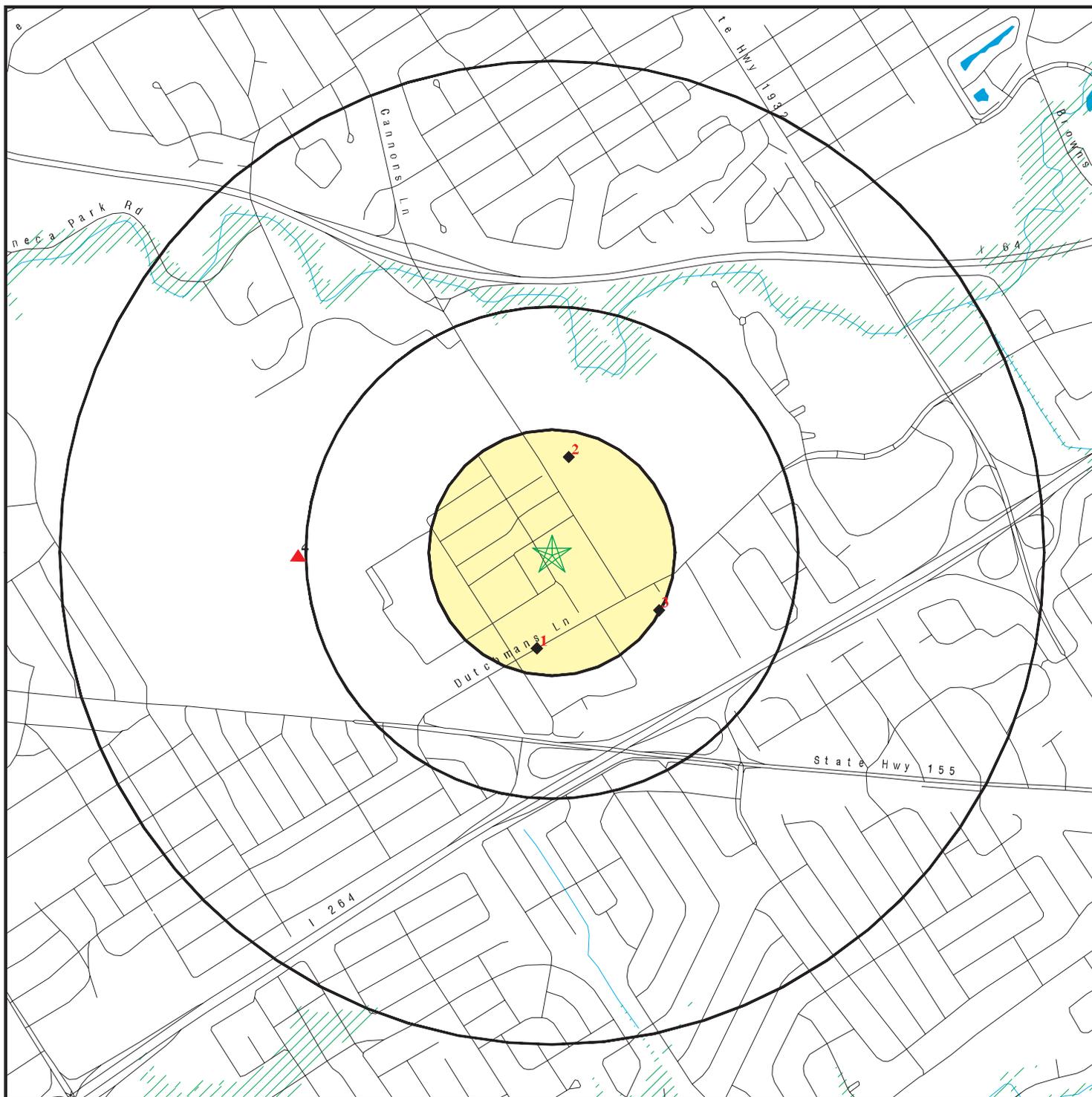
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>TWINBROOK NURSING HOME</i>	<i>3526 DUTCHMAN S LANE</i>	<i>1/8 - 1/4S</i>	<i>1</i>	<i>6</i>
SHALOM TOWERS	3650 DUTCHMANS LN	1/8 - 1/4ESE	3	8

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

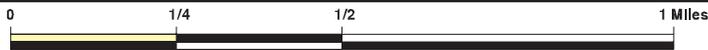
<u>Site Name</u>	<u>Database(s)</u>
BOWMAN FIELD REGIONAL AIRPORT	SHWS, UST
BELLSOUTH TELECOMMUNICATIONS	SHWS
CHARLIES FORT RESIDENCE	SHWS
OLE BRICKYARD PLAZA	SHWS, INST CONTROL
DEANNA PROPERTIES	SHWS
WASHINGTON GREEN SUBD	SHWS
3620 S 7TH ST	ERNS
1400 S. HANDOCK STREET	ERNS
LOUISVILLE YARD SERVICE CENTER	ERNS
PORT RD. BY FOREIGN TRADE CENTER, NEAR GREENWOOD BOAT DOCK	ERNS
KRAMER S LANE LANDFILL	FINDS
FARNSLEY M.S. TOXICS MONITORING	FINDS
4949 S THIRD ST APT 2	US CDL
DIFFERENT STROKES GOLF CENTER	NPDES
EASTPOINT BUSINESS CENTER	NPDES

OVERVIEW MAP - 1847659.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- Indian Reservations BIA
- ▲ Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

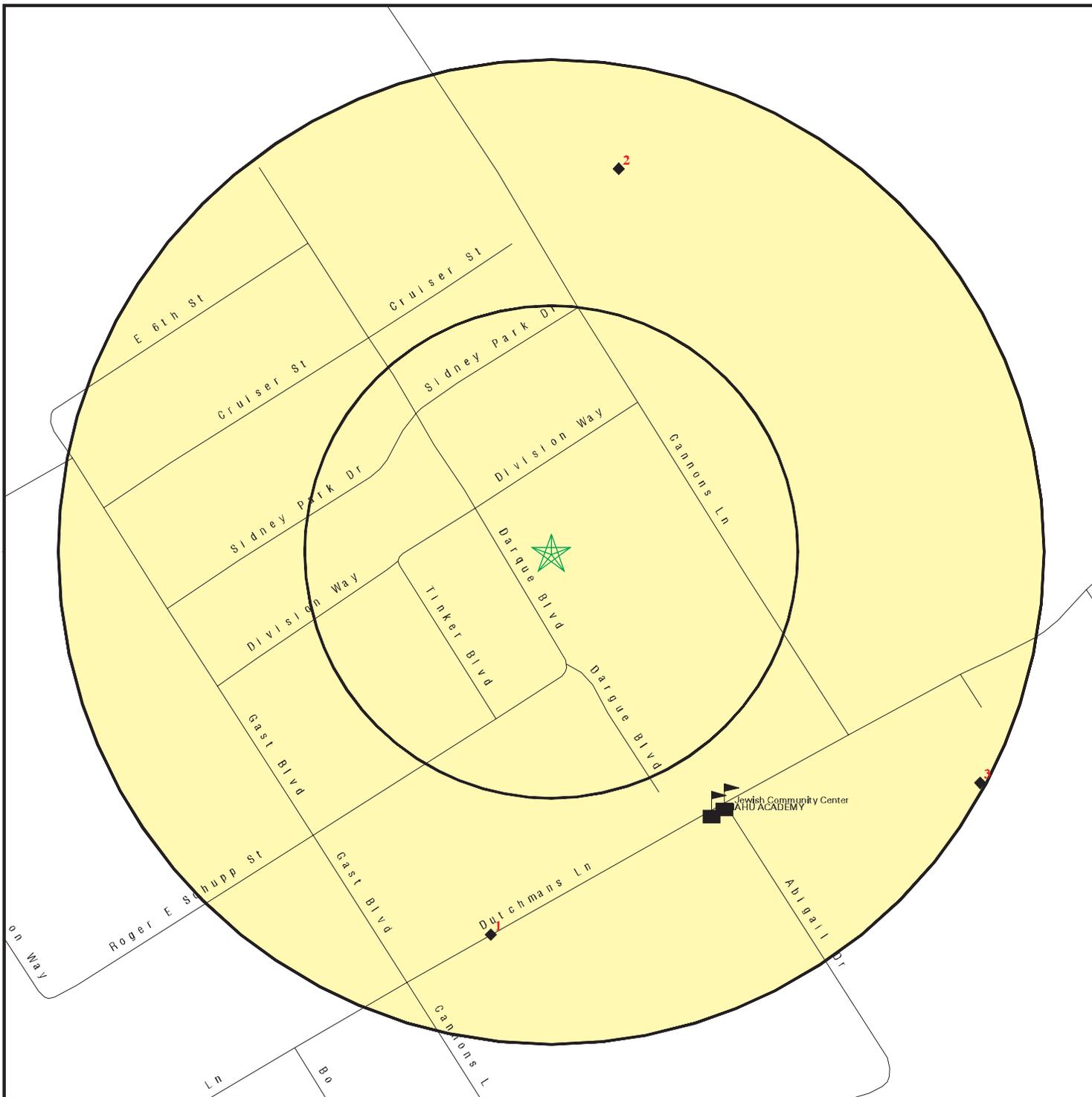


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: U.S. Army Reserve Center MG Benjamin J. Butler
 ADDRESS: 3600 Century Division Way (KY076)
 Louisville KY 40205
 LAT/LONG: 38.2273 / 85.6533

CLIENT: Geo Consultants LLC
 CONTACT: Christie Harrington
 INQUIRY #: 1847659.2s
 DATE: February 01, 2007 10:12 am

DETAIL MAP - 1847659.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites

- Indian Reservations BIA
 - Oil & Gas pipelines
 - 100-year flood zone
 - 500-year flood zone
- 0 1/16 1/8 1/4 Miles
- ↑ N

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

<p>SITE NAME: U.S. Army Reserve Center MG Benjamin J. Butler ADDRESS: 3600 Century Division Way (KY076) Louisville KY 40205 LAT/LONG: 38.2273 / 85.6533</p>	<p>CLIENT: Geo Consultants LLC CONTACT: Christie Harrington INQUIRY #: 1847659.2s DATE: February 01, 2007 10:12 am</p>
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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	2	NR	NR	NR	2
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	1	NR	1
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
HIST LF		0.500	0	0	0	NR	NR	0
SB193		0.500	0	0	0	NR	NR	0
UST		0.250	0	2	NR	NR	NR	2
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
LEAD	TP		NR	NR	NR	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

1
South
1/8-1/4
1038 ft.

TWINBROOK NURSING HOME
3526 DUTCHMAN S LANE
LOUISVILLE, KY 40205

RCRA-SQG
FINDS
UST
1000826453
KYD985111145

Relative:
Lower

RCRAInfo:

Owner: BRYAN'S MCCOY INC.
 (502) 452-6331
 EPA ID: KYD985111145
 Contact: BRAD MCCOY
 (502) 452-6331

Actual:
512 ft.

Classification: Small Quantity Generator
 TSD Activities: Not reported
 Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site

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

UST:

Sequence Id: 15056
 Facility ID: 67693
 Subject Item Id: 1
Tank Status: Verified Removal
 Inert Material Code: Not reported
 Tank Material: Single Wall Steel
 Tank External Protection: None
 Tank Internal Protection: Unknown
 Tank Overfill Protection: Unknown
 Pipe Material: Single Wall Steel
 Pipe External Protection: Unknown
 Pipe Type: Unknown
 Pipe Release Detection: Unknown
 Pipe Rel Detect Suc Code: UNK
 Pipe Leak Detect Code: NON
 Installation Date: 1/1/1979 12:00:00 AM
 Closed In Place Date: Not reported
 Relined Date: Not reported
 Last Contained Date: Not reported
 Closed in Place Date: Not reported
 Removed Date: 6/11/1992 12:00:00 AM
 Change in Service Date: Not reported
 Tank Pit Num: Not reported
 Compartment Num: 1
 Tank Substance Code: DSL
 Capacity in Gallons: 500
 Tank Manufctr Code: Not reported
 Pipe Manufctr Code: Not reported
 Last Tank Test Date: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

TWINBROOK NURSING HOME (Continued)

1000826453

Last Pipe Test Date: Not reported
 Lining Insp Date: Not reported
 Last Cp Test Date: Not reported
 Added To Flex Date: Not reported
 Added To Piping Date: Not reported
 Added To Tank Date: Not reported
 Piping Installation Date: Not reported
 Owner Name: Twinbrook Nursing Home
 Owner Address: 3526 DUTCHMANS LANE
 Owner City,St,Zip: Louisville, KY 40205
 Owner Phone: 502-452-6331
 Latitude: Not reported
 Longitude: Not reported
 Subject Item Category Code: STOR
 Internal Document ID: 0

2
North
1/8-1/4
1044 ft.

US ARMY RESERVE CENTER
2 GAST BLVD.
LOUISVILLE, KY 40205

RCRA-SQG 1000826754
FINDS KY3210400005

Relative:
Lower

RCRAInfo:
 Owner: 125TH US ARMY RESERVES
 (606) 263-2081
 EPA ID: KY3210400005
 Contact: D. R. SAMS JR.
 (606) 263-2081

Actual:
522 ft.

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: krs 224.46-580
 Area of Violation: GENERATOR-OTHER REQUIREMENTS
 Date Violation Determined: 09/21/1993
 Actual Date Achieved Compliance: 10/21/1993
 Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/22/1993
 Penalty Type: Proposed Monetary Penalty

Penalty Summary:

Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Final Monetary Penalty	9/22/1993	2	STATE
Proposed Monetary Penalty	9/22/1993	2	STATE

There are 1 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Schedule Evaluation	GENERATOR-OTHER REQUIREMENTS	19931021
Non-Financial Record Review	GENERATOR-OTHER REQUIREMENTS	19931021

FINDS:

Other Pertinent Environmental Activity Identified at Site

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

US ARMY RESERVE CENTER (Continued)

1000826754

dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

3
ESE
1/8-1/4
1305 ft.

SHALOM TOWERS
3650 DUTCHMANS LN
LOUISVILLE, KY 40205

UST U003416339
N/A

Relative:
Lower

UST:

Actual:
518 ft.

Sequence Id:	9999690
Facility ID:	60602
Subject Item Id:	1
Tank Status:	Verified Removal
Inert Material Code:	Not reported
Tank Material:	Unknown
Tank External Protection:	None
Tank Internal Protection:	None
Tank Overfill Protection:	None
Pipe Material:	Unknown
Pipe External Protection:	Unknown
Pipe Type:	Unknown
Pipe Release Detection:	None
Pipe Rel Detect Suc Code:	NON
Pipe Leak Detect Code:	NON
Installation Date:	1/1/1980 12:00:00 AM
Closed In Place Date:	Not reported
Relined Date:	Not reported
Last Contained Date:	Not reported
Closed in Place Date:	Not reported
Removed Date:	12/14/1998 12:00:00 AM
Change in Service Date:	Not reported
Tank Pit Num:	Not reported
Compartment Num:	1
Tank Substance Code:	DSL
Capacity in Gallons:	500
Tank Manufctr Code:	Not reported
Pipe Manufctr Code:	Not reported
Last Tank Test Date:	Not reported
Last Pipe Test Date:	Not reported
Lining Insp Date:	Not reported
Last Cp Test Date:	Not reported
Added To Flex Date:	Not reported
Added To Piping Date:	Not reported
Added To Tank Date:	Not reported
Piping Installation Date:	Not reported
Owner Name:	Shalom Tower
Owner Address:	3650 DUTCHSMANS LANE
Owner City,St,Zip:	Louisville, KY 40205
Owner Phone:	502-454-7795
Latitude:	Not reported
Longitude:	Not reported
Subject Item Category Code:	STOR
Internal Document ID:	0

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

4 **BOWMAN ARMY AIR FIELD**
West
1/2-1 **LOUISVILLE, KY**
2722 ft.

FUDS **1009484507**
N/A

Relative:
Higher

FUDS:
 Federal Facility ID: KY9799F3498
 Facility Name: BOWMAN ARMY AIR FIELD
 City: LOUISVILLE
 State: KY
 EPA Region: 4
 County: JEFFERSON
 Congressional District: 03
 US Army District: Louisville District (LRL
 Fiscal Year: 2005
 Telephone: 502-315-6766
 NPL Status: Not Listed
 Description: Consisted of 71.56 acres
 RAB: Not reported
 History: Utilized as an Army Airfield
 Current Owner: COUNTY
 CTC: 8.69
 Current Prog: Not reported
 Future Prog: Not reported
 Latitude: 38.2272222
 Longitude: -85.6627778

Actual:
543 ft.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOUISVILLE	U003989699	BOWMAN FIELD REGIONAL AIRPORT	I 64 & KY 2048	40205	SHWS, UST
LOUISVILLE	2002626745	3620 S 7TH ST	3620 S 7TH ST		ERNS
LOUISVILLE	S106885698	BELLSOUTH TELECOMMUNICATIONS	BARDSTOWN RD	40205	SHWS
LOUISVILLE	S106885695	CHARLIES FORT RESIDENCE	423 CREAD RD	40207	SHWS
LOUISVILLE	S108080935	DIFFERENT STROKES GOLF CENTER	ENGLISH STATION RD		NPDES
LOUISVILLE	91236565	1400 S. HANDOCK STREET	1400 S. HANDOCK STREET		ERNS
LOUISVILLE	S107152386	OLE BRICKYARD PLAZA	KILN COURT AND LEGHORN DRIVE	40218	SHWS, INST CONTROL
LOUISVILLE	1006837101	KRAMER S LANE LANDFILL	KRAMER S LANE		FINDS
LOUISVILLE	S108081011	EASTPOINT BUSINESS CENTER	LAGRANGE RD		NPDES
LOUISVILLE	1008227732	FARNSLEY M.S. TOXICS MONITORING	3400 LEES LANES		FINDS
LOUISVILLE	99641594	LOUISVILLE YARD SERVICE CENTER	LOUISVILLE YARD SERVICE CENTER		ERNS
LOUISVILLE	S106885373	DEANNA PROPERTIES	4613 C PINWOOD RD	40218	SHWS
LOUISVILLE	91202738	PORT RD. BY FOREIGN TRADE CENTER, NEAR GREENWOOD BOAT DOCK	PORT RD. BY FOREIGN TRADE CENTER, NEAR GREENWOOD BOAT DOCK		ERNS
LOUISVILLE	1009623026	4949 S THIRD ST APT 2	4949 S THIRD ST APT 2		US CDL
LOUISVILLE	S106885321	WASHINGTON GREEN SUBD	MT WASHINGTON RD	40207	SHWS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FEDERAL RECORDS

NPL: National Priority List

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

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/31/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 11/01/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/29/2007
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/31/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 11/17/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: No Update Planned

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

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

Date of Government Version: 11/28/2006	Source: EPA
Date Data Arrived at EDR: 12/19/2006	Telephone: 703-603-8960
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 12/19/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/10/2006	Source: EPA
Date Data Arrived at EDR: 10/25/2006	Telephone: 703-603-8960
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 10/11/2006	Telephone: 800-424-9346
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 12/04/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 03/05/2007
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: 800-424-9346
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 01/10/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 01/24/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 08/01/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 10/18/2006	Telephone: 202-366-4555
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/17/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 10/18/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/14/2006	Telephone: 703-603-8905
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/02/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 10/18/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/14/2006	Telephone: 703-603-8905
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/02/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/10/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 02/05/2007
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/20/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/17/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/20/2006	Telephone: 202-566-2777
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 12/11/2006
Number of Days to Update: 54	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 01/08/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/07/2006	Source: EPA
Date Data Arrived at EDR: 10/13/2006	Telephone: 703-416-0223
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 01/22/2007
Number of Days to Update: 61	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 12/18/2006
Number of Days to Update: 82	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 12/19/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/19/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 10/19/2006	Source: EPA
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 12/18/2006
Number of Days to Update: 26	Next Scheduled EDR Contact: 03/19/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 01/29/2007
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/01/2006	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 01/08/2007	Telephone: 202-307-1000
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/08/2007
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Quarterly

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 12/11/2006
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/12/2007
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 11/03/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/03/2006	Telephone: 202-343-9775
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/31/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/17/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 43

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 11/29/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 10/31/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/15/2006
Date Data Arrived at EDR: 12/28/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 32

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/28/2006
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/11/2006
Date Data Arrived at EDR: 10/18/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 56

Source: EPA
Telephone: N/A
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 12/04/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 01/19/2007
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

SHWS: State Leads List

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

Date of Government Version: 01/03/2007
Date Data Arrived at EDR: 01/03/2007
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 8

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 12/27/2006
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: Quarterly

SWF/LF: Solid Waste Facilities List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/11/2006
Date Data Arrived at EDR: 12/18/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 24

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 11/27/2006
Next Scheduled EDR Contact: 02/26/2007
Data Release Frequency: Semi-Annually

HIST LF: Historical Landfills

This solid waste facility listing contains detail information that is not included in the landfill listing. A listing with detail information is no longer available by the Department of Environmental Protection.

Date of Government Version: 05/01/2003
Date Data Arrived at EDR: 03/30/2006
Date Made Active in Reports: 05/01/2006
Number of Days to Update: 32

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 11/27/2006
Next Scheduled EDR Contact: 02/26/2007
Data Release Frequency: No Update Planned

SB193: SB193 Branch Site Inventory List

The inventory indicates facilities that have performed permanent closure activities at a regulated underground storage tank facility and have known soil and/or groundwater contamination.

Date of Government Version: 09/05/2006
Date Data Arrived at EDR: 09/13/2006
Date Made Active in Reports: 10/18/2006
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 502-564-5981
Last EDR Contact: 01/02/2007
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Quarterly

UST: Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 10/27/2006
Date Data Arrived at EDR: 11/03/2006
Date Made Active in Reports: 12/12/2006
Number of Days to Update: 39

Source: Department of Environmental Protection
Telephone: 502-564-5981
Last EDR Contact: 12/27/2006
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INST CONTROL: State Superfund Database

A list of closed sites in the State Superfund Database. Institutional controls would be in place at any site that uses Contained or Managed as a Closure Option.

Date of Government Version: 01/03/2007
Date Data Arrived at EDR: 01/03/2007
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 8

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 12/27/2006
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Sites

Sites that have been accepted into the Voluntary Cleanup Program or have submitted an application.

Date of Government Version: 01/05/2007
Date Data Arrived at EDR: 01/05/2007
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 6

Source: Department of Environmental Protection
Telephone: 502-564-6716
Last EDR Contact: 12/27/2006
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Listing

A listing of drycleaner facility locations.

Date of Government Version: 03/28/2006
Date Data Arrived at EDR: 03/28/2006
Date Made Active in Reports: 05/01/2006
Number of Days to Update: 34

Source: Department of Environmental Protection
Telephone: 502-573-3382
Last EDR Contact: 12/27/2006
Next Scheduled EDR Contact: 03/26/2007
Data Release Frequency: Varies

NPDES: Permitted Facility Listing

A listing of permitted wastewater facilities.

Date of Government Version: 01/03/2007
Date Data Arrived at EDR: 01/04/2007
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 7

Source: Department of Environmental Protection
Telephone: 502-564-3410
Last EDR Contact: 12/04/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: Varies

LEAD: Environmental Lead Program Report Tracking Database

Lead Report Tracking Database

Date of Government Version: 10/05/2006
Date Data Arrived at EDR: 11/02/2006
Date Made Active in Reports: 11/22/2006
Number of Days to Update: 20

Source: Department of Public Health
Telephone: 502-564-4537
Last EDR Contact: 12/04/2006
Next Scheduled EDR Contact: 03/05/2007
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 11/10/2006
Next Scheduled EDR Contact: 02/05/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/01/2006
Date Data Arrived at EDR: 12/01/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 59

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005
Date Data Arrived at EDR: 01/21/2005
Date Made Active in Reports: 02/28/2005
Number of Days to Update: 38

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006
Date Data Arrived at EDR: 09/11/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 58

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/30/2006
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 52

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

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

Date of Government Version: 11/21/2006
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 52

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/19/2006
Date Data Arrived at EDR: 12/19/2006
Date Made Active in Reports: 01/29/2007
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Quarterly

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

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 10/04/2006
Date Made Active in Reports: 11/08/2006
Number of Days to Update: 35

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/17/2006
Next Scheduled EDR Contact: 02/19/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 58	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 11/17/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 11/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 12/08/2006	Telephone: 303-312-6137
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 11/17/2006
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 11/21/2006	Source: EPA Region 10
Date Data Arrived at EDR: 12/08/2006	Telephone: 206-553-2857
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 12/01/2006	Telephone: 617-918-1313
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 59	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 01/11/2007	Source: EPA Region 6
Date Data Arrived at EDR: 01/12/2007	Telephone: 214-665-7591
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 17	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 12/19/2006	Source: EPA Region 9
Date Data Arrived at EDR: 12/19/2006	Telephone: 415-972-3368
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 11/17/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/19/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

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

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 11/01/2006
Date Data Arrived at EDR: 11/13/2006
Date Made Active in Reports: 12/13/2006
Number of Days to Update: 30

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/04/2007
Next Scheduled EDR Contact: 04/02/2007
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/26/2006
Date Data Arrived at EDR: 11/29/2006
Date Made Active in Reports: 01/05/2007
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/29/2006
Next Scheduled EDR Contact: 02/26/2007
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 81

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/11/2006
Next Scheduled EDR Contact: 03/12/2007
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 04/11/2006
Date Data Arrived at EDR: 10/31/2006
Date Made Active in Reports: 12/18/2006
Number of Days to Update: 48

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 12/18/2006
Next Scheduled EDR Contact: 03/19/2007
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 01/08/2007
Next Scheduled EDR Contact: 04/09/2007
Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

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

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Certified Child Care Homes

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

State Wetlands Data: Wetland Polygon Features

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

U.S. ARMY RESERVE CENTER MG BENJAMIN J. BUTLER
3600 CENTURY DIVISION WAY (KY076)
LOUISVILLE, KY 40205

TARGET PROPERTY COORDINATES

Latitude (North):	38.22730 - 38° 13' 38.3"
Longitude (West):	85.6533 - 85° 39' 11.9"
Universal Tranverse Mercator:	Zone 16
UTM X (Meters):	617876.3
UTM Y (Meters):	4231686.0
Elevation:	523 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38085-B6 LOUISVILLE EAST, KY
Most Recent Revision:	1994

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

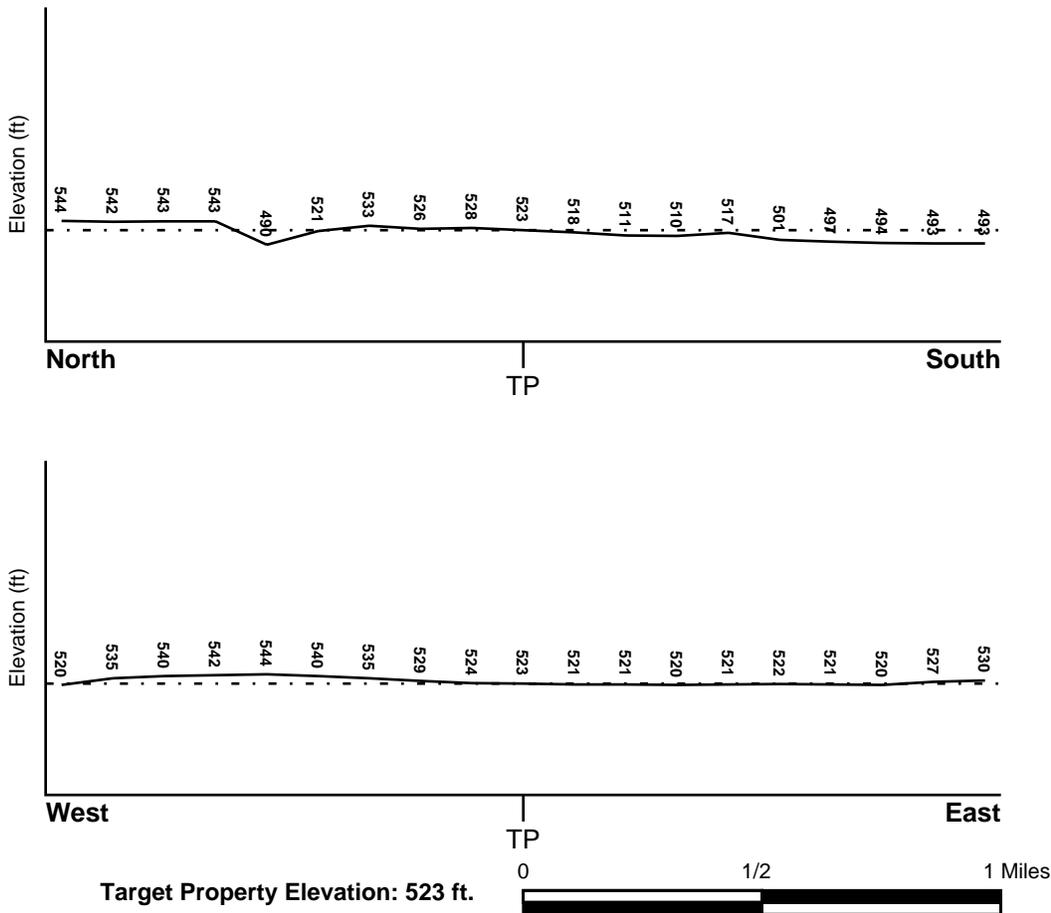
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> JEFFERSON, KY	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	21111C0090D
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> LOUISVILLE EAST	<u>NWI Electronic Data Coverage</u> Not Available
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HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Silurian
Series: Middle Silurian (Niagoaran)
Code: S2 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: CRIDER

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

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

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.10
2	12 inches	38 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 7.30 Min: 5.10
3	38 inches	80 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 6.50 Min: 4.50

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: silty clay loam
unweathered bedrock

Surficial Soil Types: silty clay loam
unweathered bedrock

Shallow Soil Types: silty clay

Deeper Soil Types: unweathered bedrock
weathered bedrock
loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS2326596	1/4 - 1/2 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

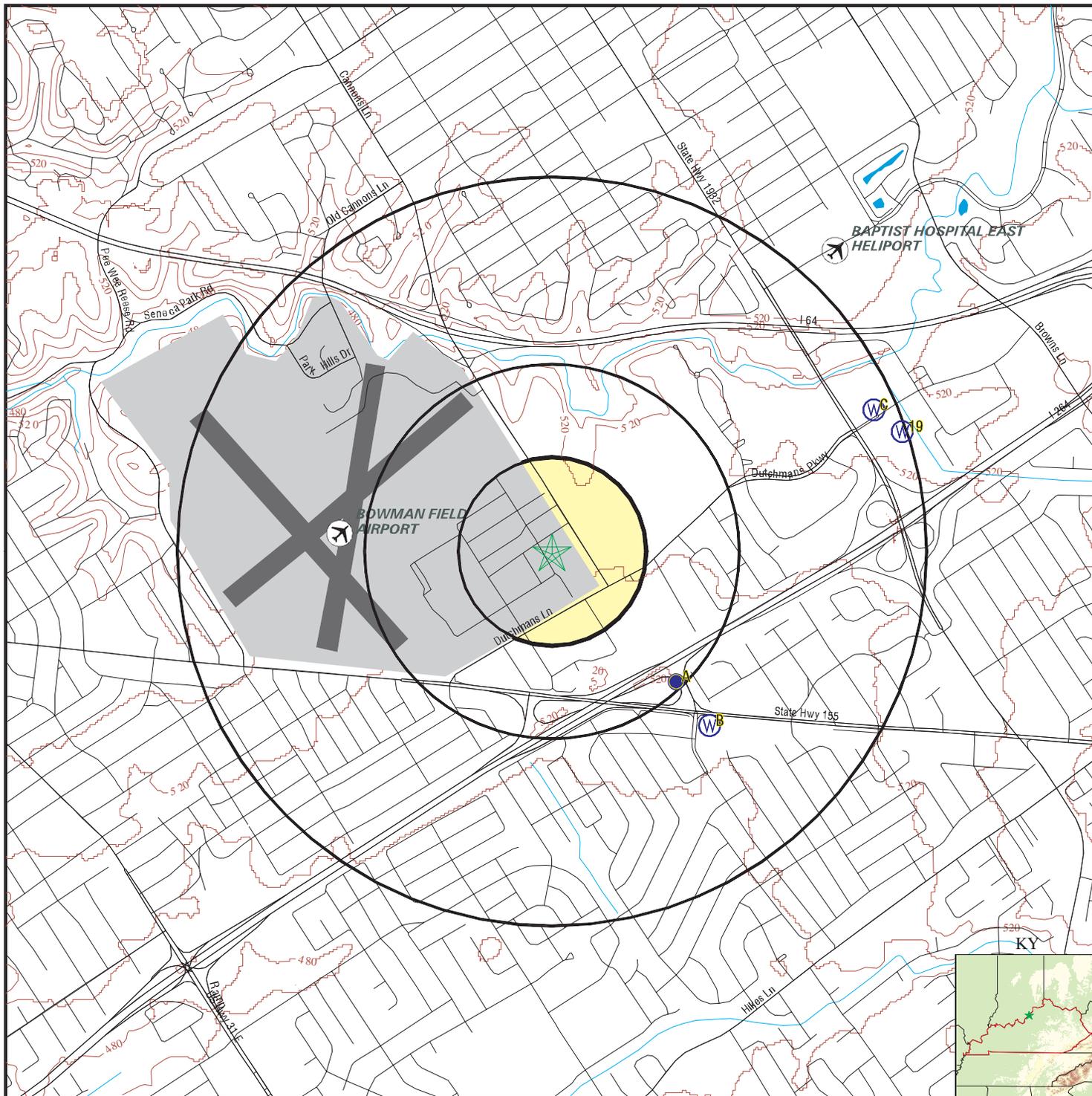
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	KY20031631	1/4 - 1/2 Mile SE
B3	KY20031288	1/2 - 1 Mile SE
B4	KY20031360	1/2 - 1 Mile SE
C5	KY20031466	1/2 - 1 Mile ENE
C6	KY20031920	1/2 - 1 Mile ENE
C7	KY20032106	1/2 - 1 Mile ENE
C8	KY20032089	1/2 - 1 Mile ENE
C9	KY20031989	1/2 - 1 Mile ENE
C10	KY20031465	1/2 - 1 Mile ENE
C11	KY20031435	1/2 - 1 Mile ENE
C12	KY20031453	1/2 - 1 Mile ENE
C13	KY20031400	1/2 - 1 Mile ENE
C14	KY20031464	1/2 - 1 Mile ENE
C15	KY20031463	1/2 - 1 Mile ENE
C16	KY20032006	1/2 - 1 Mile ENE
C17	KY20031462	1/2 - 1 Mile ENE
C18	KY20031536	1/2 - 1 Mile ENE
19	KY20031846	1/2 - 1 Mile ENE

PHYSICAL SETTING SOURCE MAP - 1847659.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location

SITE NAME: U.S. Army Reserve Center MG Benjamin J. Butler
 ADDRESS: 3600 Century Division Way (KY076)
 Louisville KY 40205
 LAT/LONG: 38.2273 / 85.6533

CLIENT: Geo Consultants LLC
 CONTACT: Christie Harrington
 INQUIRY #: 1847659.2s
 DATE: February 01, 2007 10:12 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
SE
1/4 - 1/2 Mile
Lower

FED USGS USGS2326596

Agency cd:	USGS	Site no:	381320085385001
Site name:	E17A0049		
Latitude:	381320		
Longitude:	0853850	Dec lat:	38.22229256
Dec lon:	-85.64718296	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	21
State:	21	County:	111
Country:	US	Land net:	Not Reported
Location map:	E17ANE	Map scale:	24000
Altitude:	505		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	SilverLittle Kentucky. Indiana, Kentucky. Area = 1240 sq.mi.		
Topographic:	Undulating		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19440415	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	SELLERSBURG AND JEFFERSONVILLE LIMESTONES EQUIVALENTS (ONONDAGA LS.)		
Well depth:	60	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1944-04-15
Water quality data end date:	1944-04-15	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

A2
SE
1/4 - 1/2 Mile
Lower

KY WELLS KY20031631

Kgs id:	47192		
Dow akgwa :	Not Reported		
North lati:	38.22222		
West longi:	-85.64722		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	Not Reported	Primary us:	Domestic
Depth to b:	0		
Static wat:	0		
Total dept:	60		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonDomestic		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

B3
SE
 1/2 - 1 Mile
 Lower

KY WELLS KY20031288

Kgs id:	43042		
Dow akgwa :	80034722		
North lati:	38.22056		
West longi:	-85.64556		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	06/12/1998 00:00:00	Primary us:	Monitoring
Depth to b:	0		
Static wat:	0		
Total dept:	24		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

B4
SE
 1/2 - 1 Mile
 Lower

KY WELLS KY20031360

Kgs id:	43041		
Dow akgwa :	80034721		
North lati:	38.22056		
West longi:	-85.64556		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	06/12/1998 00:00:00	Primary us:	Monitoring
Depth to b:	0		
Static wat:	0		
Total dept:	20.3		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

C5
ENE
 1/2 - 1 Mile
 Lower

KY WELLS KY20031466

Kgs id:	64517		
Dow akgwa :	80041275		
North lati:	38.23278		
West longi:	-85.6375		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	11/20/2000 00:00:00	Primary us:	Monitoring
Depth to b:	8.5		
Static wat:	13		
Total dept:	17.5		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

C6
ENE
1/2 - 1 Mile
Lower

KY WELLS KY20031920

Kgs id:	59567		
Dow akgwa :	80037533		
North lati:	38.23278		
West longi:	-85.6375		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	01/05/2000 00:00:00	Primary us:	Monitoring
Depth to b:	9		
Static wat:	6.61		
Total dept:	16		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

C7
ENE
1/2 - 1 Mile
Lower

KY WELLS KY20032106

Kgs id:	67972		
Dow akgwa :	80041282		
North lati:	38.23278		
West longi:	-85.6375		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	03/06/2001 00:00:00	Primary us:	Monitoring
Depth to b:	9.2		
Static wat:	12.1		
Total dept:	16.5		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

C8
ENE
1/2 - 1 Mile
Lower

KY WELLS KY20032089

Kgs id:	59481		
Dow akgwa :	80037532		
North lati:	38.23278		
West longi:	-85.6375		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	01/06/2000 00:00:00	Primary us:	Monitoring
Depth to b:	8		
Static wat:	6.02		
Total dept:	16		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

C9
ENE
1/2 - 1 Mile
Lower

KY WELLS KY20031989

Kgs id:	72851		
Dow akgwa :	80046361		
North lati:	38.23278		
West longi:	-85.6375		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	11/05/2002 00:00:00	Primary us:	Monitoring
Depth to b:	10		
Static wat:	6.51		
Total dept:	17		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

C10
ENE
1/2 - 1 Mile
Lower

KY WELLS KY20031465

Kgs id:	64516		
Dow akgwa :	80041276		
North lati:	38.23278		
West longi:	-85.6375		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	11/20/2000 00:00:00	Primary us:	Monitoring
Depth to b:	7.7		
Static wat:	11.7		
Total dept:	17.5		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

C11
ENE
1/2 - 1 Mile
Lower

KY WELLS KY20031435

Kgs id:	72852		
Dow akgwa :	80046362		
North lati:	38.23278		
West longi:	-85.6375		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	11/05/2002 00:00:00	Primary us:	Monitoring
Depth to b:	10		
Static wat:	7.42		
Total dept:	17		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

C12
ENE
1/2 - 1 Mile
Lower

KY WELLS KY20031453

Kgs id:	67973		
Dow akgwa :	80041281		
North lati:	38.23278		
West longi:	-85.6375		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	03/06/2001 00:00:00	Primary us:	Monitoring
Depth to b:	9.1		
Static wat:	12.5		
Total dept:	16.5		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

C13
ENE
1/2 - 1 Mile
Lower

KY WELLS KY20031400

Kgs id:	59482		
Dow akgwa :	80037531		
North lati:	38.23278		
West longi:	-85.6375		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	12/30/1999 00:00:00	Primary us:	Monitoring
Depth to b:	6.5		
Static wat:	6.86		
Total dept:	16		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

C14
ENE
1/2 - 1 Mile
Lower

KY WELLS KY20031464

Kgs id:	64515		
Dow akgwa :	80041277		
North lati:	38.23278		
West longi:	-85.6375		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	11/20/2000 00:00:00	Primary us:	Monitoring
Depth to b:	9.9		
Static wat:	14		
Total dept:	17.5		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

C15
ENE
1/2 - 1 Mile
Lower

KY WELLS KY20031463

Kgs id:	65027		
Dow akgwa :	80041235		
North lati:	38.23278		
West longi:	-85.6375		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	01/25/2001 00:00:00	Primary us:	Monitoring
Depth to b:	8.25		
Static wat:	11.5		
Total dept:	17.5		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

C16
ENE
1/2 - 1 Mile
Lower

KY WELLS KY20032006

Kgs id:	68199		
Dow akgwa :	80042600		
North lati:	38.23279		
West longi:	-85.6375		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	12/18/2001 00:00:00	Primary us:	Monitoring
Depth to b:	8		
Static wat:	0		
Total dept:	18		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

C17
ENE
1/2 - 1 Mile
Lower

KY WELLS KY20031462

Kgs id:	65026		
Dow akgwa :	80041236		
North lati:	38.23279		
West longi:	-85.6375		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	01/25/2001 00:00:00	Primary us:	Monitoring
Depth to b:	8.1		
Static wat:	16		
Total dept:	17.5		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

C18
ENE
1/2 - 1 Mile
Lower

KY WELLS KY20031536

Kgs id:	65025		
Dow akgwa :	80041237		
North lati:	38.23279		
West longi:	-85.6375		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	01/26/2001 00:00:00	Primary us:	Monitoring
Depth to b:	9.1		
Static wat:	0		
Total dept:	17.5		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

19
ENE
1/2 - 1 Mile
Lower

KY WELLS KY20031846

Kgs id:	16797		
Dow akgwa :	80007341		
North lati:	38.23194		
West longi:	-85.63611		
County nam:	Jefferson	Quadrangle:	Louisville East
Drill date:	09/23/1991 00:00:00	Primary us:	Monitoring
Depth to b:	12		
Static wat:	8.6		
Total dept:	25		
Constructi:	0	Flow gpm :	0
Countyuse:	JeffersonMonitoring		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for JEFFERSON County: 1

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

Federal Area Radon Information for Zip Code: 40205

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	4.950 pCi/L	50%	50%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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

State Wetlands Data: Wetland Polygon Features

Source: Environmental Protection & Public Protection Cabinet

Telephone: 502-564-5174

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Kentucky Water Well Records Database

Source: Kentucky Geological Survey

Telephone: 859-257-5500

OTHER STATE DATABASE INFORMATION

RADON

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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EDR® Environmental
Data Resources Inc

The EDR-City Directory
Abstract

**U.S. Army Reserve Center MG Benjamin J.
Butler**
3600 Century Division Way
Louisville, KY 40205
Inquiry Number: 1847659.6

Monday, February 05, 2007

**The Standard in
Environmental Risk
Management Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1964 through 2006. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: February 5, 2007

Target Property:

3600 Century Division Way
Louisville, KY 40205

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Street Not Listed in Research Source	Caron Directory Co
1971	Street Not Listed in Research Source	Caron Directory Co
1976	Street Not Listed in Research Source	Caron Directory Co
1981	Street Not Listed in Research Source	Caron Directory Co
1986	Street Not Listed in Research Source	Caron Directory Co
1991	Street Not Listed in Research Source	Caron Directory Co
1996	Street Not Listed in Research Source	Polk's City Directory
2001	Street Not Listed in Research Source	Polk's City Directory
2006	US Army Advisor	Polk's City Directory
	US Army Reserve Training Center	Polk's City Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Louisville, KY 40205

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	Street Not Listed in Research Source	Caron Directory Co
1971	Street Not Listed in Research Source	Caron Directory Co
1976	Street Not Listed in Research Source	Caron Directory Co
1981	Street Not Listed in Research Source	Caron Directory Co
1986	Street Not Listed in Research Source	Caron Directory Co
1991	Street Not Listed in Research Source	Caron Directory Co
1996	Street Not Listed in Research Source	Polk's City Directory
2001	Street Not Listed in Research Source	Polk's City Directory

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	<u>** CENTRURY DIVISION WAY **</u>	Polk's City Directory
	No address listings prior to the Target Property	Polk's City Directory
	No address listings beyond the Target Property	Polk's City Directory



EDR® Environmental
Data Resources Inc

The EDR Aerial Photo Decade Package

**U.S. Army Reserve Center MG Benjamin
3600 Century Division Way (KY076)
Louisville, KY 40205**

Inquiry Number: 1847659.5

February 01, 2007

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR Aerial Photo Decade Package

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

This document reports that EDR searched its own collection or select outside repository collections of aerial photography, and based on client-supplied target property information, aerial photography, including the target property was not deemed reasonably ascertainable by Environmental Data Resources, Inc. (EDR). This no coverage determination reflects a search only of aerial photography repository collections that EDR accessed. It can not be concluded from this search that no coverage for the target property exists anywhere, in any collection.

NO COVERAGE

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"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Christie Harrington
Geo Consultants LLC
199 Kentucky Avenue
Kevil, KY 42053

Order Date: 2/1/2007 **Completion Date:** 2/1/2007
Inquiry #: 1847659.3S
P.O. #: NA
Site Name: U.S. Army Reserve Center MG

Customer Project: BRAC Contracts
5014710WEI 270-462-3882

Address: 3600 Century Division Way (KY076)
City/State: Louisville, KY 40205
Cross Streets:

Based on client-supplied information, fire insurance maps for the following years were identified

1950 - 1 Map
1988 - 1 Map
1990 - 1 Map
1992 - 1 Map
1994 - 1 Map

Limited Permission to Photocopy

Total Maps: 5

Geo Consultants LLC (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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USER'S GUIDE

This User's Guide provides guidelines for accessing Sanborn Map® images and for transferring them to your Word Processor.

Reading Sanborn Maps

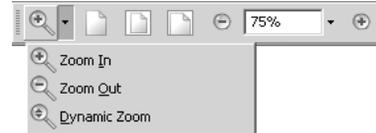
- Sanborn Maps document historical property use by displaying property information through words, abbreviations, and map symbols. The Sanborn Map Key provides information to help interpret the symbols and abbreviations used on Sanborn Maps. The Key is available from EDR's Web Site at: <http://www.edrnet.com/reports/samples/key.pdf>

Organization of Electronic Sanborn Image File

- Sanborn Map Report, listing years of coverage
- User's Guide
- Oldest Sanborn Map Image
- Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

1. Open file on screen.
2. Identify TP (Target Property) on the most recent map.
3. Find TP on older printed images.
4. Using Acrobat® Reader®, zoom to 250% in order to view more clearly. (200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.)
 - A. On the menu bar, click "View" and then "Zoom to..."
 - B. Or, use the magnifying tool and drag a box around the TP



Printing a Sanborn Map From the Electronic File

- EDR recommends printing images at 300 dpi (300 dpi prints faster than 600 dpi)
- To print only the TP area, cut and paste from Acrobat to your word processor application.

Acrobat Versions 6 and 7

1. Go to the menu bar
2. Click the "Select Tool"
3. Draw a box around the area selected
4. "Right click" on your mouse
5. Select "Copy Image to Clipboard"
6. Go to Word Processor such as Microsoft Word, paste and print.



Acrobat Version 5

1. Go to the menu bar
2. Click the "Graphics Select Tool"
3. Draw a box around the area selected
4. Go to "Menu"
5. Highlight "Edit"
6. Highlight "Copy"
7. Go to Word Processor such as Microsoft Word, paste and print.



Important Information about Email Delivery of Electronic Sanborn Map Images

- Images are grouped into one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as "1 of 3", "2 of 3", etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.

937

(932)

APR. 1949

SCALE 200 FT. TO AN INCH

BOWMAN FIELD

LOUISVILLE & JEFFERSON COUNTY AIR BOARD

ENTIRE RISK ENCLOSED BY 4' TO 6' WIDE FENCE. WATERWAYS AND OTHER 63' TRIPLE HYDRANTS & 2 1/2" 25' HOSE CHEMICAL EXTINGUISHERS

DAVIS FLYING SERVICE
FALLS CITY FLYING SERVICE
HANGER & BOWING

928

927

SENECA BLVD.

928

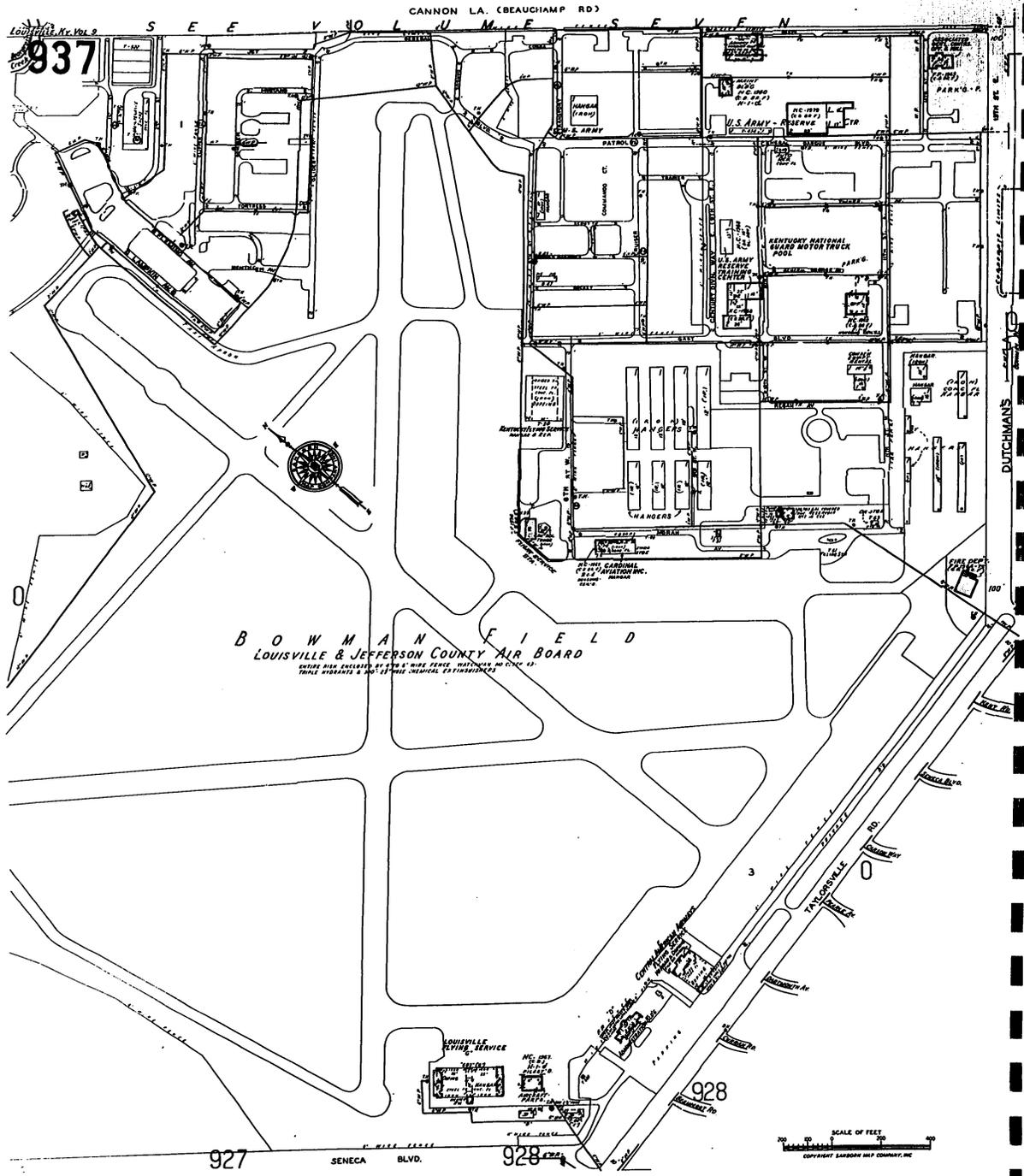
SCALE 200 FT. TO ONE INCH



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Year EDR Research Associate

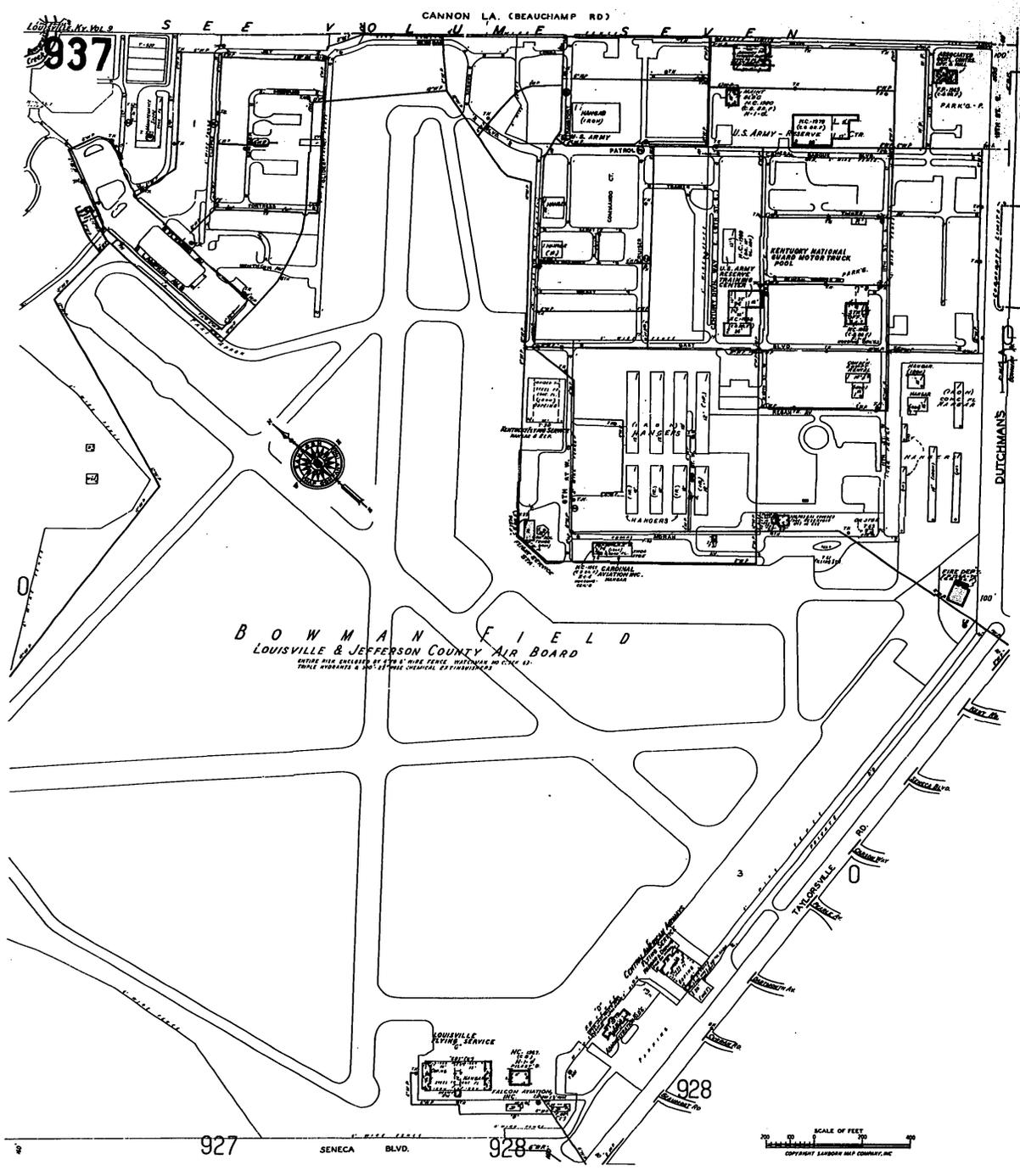
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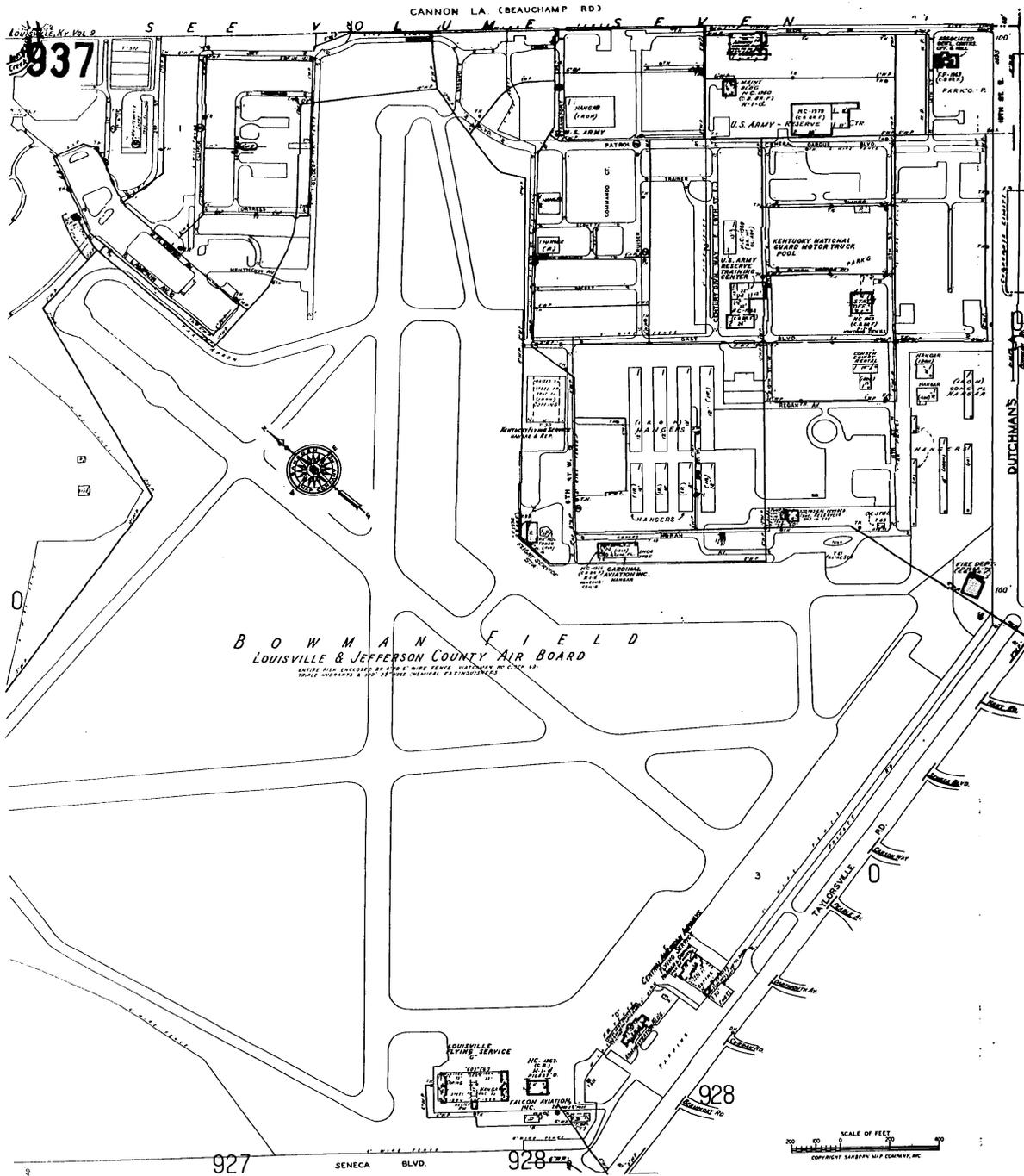


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EDR NEPA Check®



**U.S. Army Reserve Center MG Benjamin J. Butler
3600 Century Division Way (KY076)
Louisville, KY 40205**

Inquiry Number: 1847659.8s

February 01, 2007

**The Standard in
Environmental Risk
Management Information**

440 Wheelers Farms Road
Milford, Connecticut 06461

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TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
EDR NEPACheck® Description.....	1
Map Findings Summary.....	2
Natural Areas.....	3
Historic Sites.....	5
Flood Plain.....	22
Wetlands.....	24
Wetlands Classification System.....	26
FCC & FAA Sites.....	30
Key Contacts and Government Records Searched.....	38

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EDR NEPACheck® DESCRIPTION

The National Environmental Policy Act of 1969 (NEPA) requires that Federal agencies include in their decision-making processes appropriate and careful consideration of all environmental effects and actions, analyze potential environmental effects of proposed actions and their alternatives for public understanding and scrutiny, avoid or minimize adverse effects of proposed actions, and restore and enhance environmental quality as much as possible.

The EDR NEPACheck provides information which may be used, in conjunction with additional research, to determine whether a proposed site or action will have significant environmental effect.

The report provides maps and data for the following items (where available). Search results are provided in the Map Findings Summary on page 2 of this report.

Section	Regulation
Natural Areas Map	
• Federal Lands Data:	
- Officially designated wilderness areas	47 CFR 1.1307(1)
- Officially designated wildlife preserves, sanctuaries and refuges	47 CFR 1.1307(2)
- Wild and scenic rivers	40 CFR 6.302(e)
- Fish and Wildlife	40 CFR 6.302
• Threatened or Endangered Species, Fish and Wildlife, Critical Habitat Data (where available)	47 CFR 1.1307(3); 40 CFR 6.302
Historic Sites Map	
• National Register of Historic Places	47 CFR 1.1307(4); 40 CFR 6.302
• State Historic Places (where available)	
• Indian Reservations	
Flood Plain Map	
• National Flood Plain Data (where available)	47 CFR 1.1307(6); 40 CFR 6.302
Wetlands Map	
• National Wetlands Inventory Data (where available)	47 CFR 1.1307(7); 40 CFR 6.302
FCC & FAA Map	
• FCC antenna/tower sites, AM Radio Towers, FAA Markings and Obstructions, AM Radio Interference Zones, Airports, Topographic gradient	47 CFR 1.1307(8)
Key Contacts and Government Records Searched	

MAP FINDINGS SUMMARY

The databases searched in this report are listed below. Database descriptions and other agency contact information is contained in the Key Contacts and Government Records Searched section on page 38 of this report.

TARGET PROPERTY ADDRESS

U.S. ARMY RESERVE CENTER MG BENJAMIN J. BUTLER	Inquiry #: 1847659.8s
3600 CENTURY DIVISION WAY (KY076)	Date: 2/1/7
LOUISVILLE, KY 40205	

TARGET PROPERTY COORDINATES

Latitude (North):	38.227299 - 38° 13' 38.3"
Longitude (West):	85.653297 - 85° 39' 11.9"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	617876.3
UTM Y (Meters):	4231686.0

Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
<u>NATURAL AREAS MAP</u>				
1.1307a (1) Officially Designated Wilderness Area	US Federal Lands	1.00	NO	NO
1.1307a (2) Officially Designated Wildlife Preserve	US Federal Lands	1.00	NO	NO
1.1307a (2) Officially Designated Wildlife Preserve	KY Wildlife Management Areas	1.00	NO	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	County Endangered Species	County	YES	N/A
<u>HISTORIC SITES MAP</u>				
1.1307a (4) Listed or eligible for National Register	National Register Hist. Places	1.00	YES	NO
1.1307a (4) Listed or eligible for National Register	KY National Register Listing	1.00	NO	NO
	Indian Reservation	1.00	NO	NO
<u>FLOODPLAIN MAP</u>				
1.1307 (6) Located in a Flood Plain	FLOODPLAIN	1.00	YES	NO
<u>WETLANDS MAP</u>				
1.1307 (7) Change in surface features (wetland fill)	NWI	1.00	NO	NO
<u>FCC & FAA SITES MAP</u>				
	FCC Cellular	1.00	YES	NO
	FCC Antenna	1.00	YES	NO
	FCC Tower	1.00	YES	NO
	FCC AM Tower	1.00	NO	NO
	FAA DOF	1.00	YES	NO
	Airports	1.00	YES	YES
	Power Lines	1.00	NO	NO

Natural Areas Map



- | | | | |
|---|-----------------|---|-------------------------|
|  | Target Property |  | Locations |
|  | Roads |  | Federal Areas |
|  | County Boundary |  | Federal Linear Features |
|  | Waterways |  | State Areas |
|  | Water |  | State Linear Features |
|  | Airports | | |

SITE NAME: U.S. Army Reserve Center MG Benjamin J. Butler
ADDRESS: 3600 Century Division Way (KY076)
 Louisville KY 40205
LAT/LONG: 38.2273 / 85.6533

CLIENT: Geo Consultants LLC
CONTACT: Christie Harrington
INQUIRY #: 1847659.8s
DATE: February 1, 2007

NATURAL AREAS MAP FINDINGS

Endangered Species Listed for: JEFFERSON County, KY.

Source: EPA Endangered Species Protection Program Database

MAMMAL: BAT, GRAY

MAMMAL: BAT, INDIANA

PLANT: CLOVER, RUNNING BUFFALO

Map ID

Direction

Distance

Distance (ft.)

EDR ID

Database

No mapped sites were found in EDR's search of available government records within the search radius around the target property.

Historic Sites Map



- ★ Target Property
- ◇ Historic Sites
- ▬ Streets
- ▬ Federal Historic Areas
- ▬ County Boundary
- ▬ State Historic Areas
- ▬ Waterways
- ▬ US Indian Reservations
- ▬ Water
- ▬ Scenic Trail
- ✕ Airports

SITE NAME: U.S. Army Reserve Center MG Benjamin J. Butler
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HISTORIC SITES MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

<p>1 WSW 1/2-1 mi 3302</p>	<p>Resource Name: Bowman Field Historic District Alternate Name: Not Reported Resource Address: Taylorsville Rd. and Peewee Reese Blvd. Resource Type: District Location: Louisville, KY County: Jefferson, KY Primary Certification: Listed in the national register Certification Date: 19881110 Acreage: 150 Number of Buildings: 3 Number of Objects: 0 Number of Sites: 0 Num. of Structures: 0 Number of non-contributing Buildings: 0 Number of non-contributing Objects: 0 Number of non-contributing Sites: 0 Num. of non-contributing Structures: 0 Applicable Criteria: Event, Architecture/Engineering Areas of Significance: Transportation, Architecture, Social history Current Function: Transportation Building Material: Brick, Limestone, Metal, Concrete</p>	<p>88002616 National Register Hist. Places</p>
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UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

		Status EDR ID Database
State:	KY	Unmappable
County:	Jefferson	KY10001275
Name:	Altawood Historic District	KY National Register Listing
Address:	Altawood Ct.	
City:	Louisville	
Date listed:	5/2/2001	
Multiple:	Louisville and Jefferson County MPS	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001282
Name:	Avery, B. F., and Sons Industrial District	KY National Register Listing
Address:	1721--1821 Seventh St.	
City:	Louisville	
Date listed:	12/21/1990	
Multiple:	Louisville and Jefferson County MPS	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001295
Name:	BELLE OF LOUISVILLE (steamer)	KY National Register Listing
Address:	4th St. and River Rd.	
City:	Louisville	
Date listed:	4/10/1972	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001303
Name:	Bloettner, Adolph, Monument	KY National Register Listing
Address:	Cave Hill Cemetery. Jct. of Payne St. and Lexington Rd.	
City:	Louisville	
Date listed:	7/17/1997	
Multiple:	Civil War Monuments of Kentucky MPS	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001305
Name:	Bodley, Temple, Summer House	KY National Register Listing
Address:	Off Riva Ridge Rd. SW of Palatka Rd.	
City:	Louisville	
Date listed:	3/29/1985	
Multiple:	Jefferson County MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001309
Name:	Bowman Field Historic District	KY National Register Listing
Address:	Taylorsville Rd. and Peewee Reese Blvd.	
City:	Louisville	
Date listed:	11/10/1988	
Multiple:	Not Reported	

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

		Status EDR ID Database
State:	KY	Unmappable
County:	Jefferson	KY10001316
Name:	Brown Hotel Building and Theater	KY National Register Listing
Address:	675 River City Mall	
City:	Louisville	
Date listed:	2/17/1978	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001318
Name:	Brown, J.T.S., and Son's Complex	KY National Register Listing
Address:	105, 107-109 W. Main St.	
City:	Louisville	
Date listed:	12/10/1998	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001319
Name:	Brown, James, House	KY National Register Listing
Address:	Browns Lane	
City:	St. Matthews	
Date listed:	7/12/1983	
Multiple:	Jefferson County MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001320
Name:	Brown, Theodore, House	KY National Register Listing
Address:	Browns Lane	
City:	St. Matthews	
Date listed:	7/12/1983	
Multiple:	Jefferson County MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001322
Name:	Bullock-Clifton House	KY National Register Listing
Address:	1824 Rosedale Ave.	
City:	Louisville	
Date listed:	5/6/1982	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001323
Name:	Bush, Cornelia, House	KY National Register Listing
Address:	316 Kenwood Dr.	
City:	Louisville	
Date listed:	5/6/1982	
Multiple:	Not Reported	

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

		Status EDR ID Database
State:	KY	Unmappable
County:	Jefferson	KY10001325
Name:	Butchertown Historic District	KY National Register Listing
Address:	Roughly bounded by Main, Hancock, Geiger, Quincy Sts., US 42, S. Fort Beargrass Creek, and Baxter Ave.	
City:	Louisville	
Date listed:	8/11/1976	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001327
Name:	Caperton Block	KY National Register Listing
Address:	564-574 4th Ave.	
City:	Louisville	
Date listed:	7/12/1984	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001328
Name:	Cardinal Hill Reservoir	KY National Register Listing
Address:	Cardinal Hill Rd.	
City:	Louisville	
Date listed:	12/5/1980	
Multiple:	Jefferson County MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001330
Name:	Castleman, John B., Monument	KY National Register Listing
Address:	Jct. of Cherokee Rd. and Willow Ave.	
City:	Louisville	
Date listed:	7/17/1997	
Multiple:	Civil War Monuments of Kentucky MPS	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001339
Name:	Cherokee Triangle Area Residential District	KY National Register Listing
Address:	Roughly bounded by Bardstown Rd., Sherwood Rd., Broadway, E to jct. of Grinstead Dr. and Cherokee Pkwy.	
City:	Louisville	
Date listed:	6/30/1976	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001349
Name:	Clifton Historic District	KY National Register Listing
Address:	Roughly bounded by Brownsboro Rd., William and E. Main Sts., Frankfort and N. Ewing Aves.	
City:	Louisville	
Date listed:	8/29/1983	
Multiple:	Not Reported	

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

		Status EDR ID Database
State:	KY	Unmappable
County:	Jefferson	KY10001350
Name:	Clifton Historic District (Boundary Increase)	KY National Register Listing
Address:	Roughly bounded by CSX RR tracks, Ewing Ave. alley, I-64 and Mellwood Ave.	
City:	Louisville	
Date listed:	3/15/1994	
Multiple:	Louisville and Jefferson County MPS	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001355
Name:	Columbian School	KY National Register Listing
Address:	18th and Wilson	
City:	Louisville	
Date listed:	9/8/1983	
Multiple:	West Louisville MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001358
Name:	Confederate Monument in Louisville	KY National Register Listing
Address:	Jct. of 2nd and 3rd Sts.	
City:	Louisville	
Date listed:	7/17/1997	
Multiple:	Civil War Monuments of Kentucky MPS	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001364
Name:	Crescent Hill Historic District	KY National Register Listing
Address:	Roughly bounded by Brownsboro and Lexington Rds, Peterson, Zorn, and Frankfort Aves., and Crabbs Lane	
City:	Louisville	
Date listed:	11/12/1982	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001365
Name:	Crescent Hill Reservoir	KY National Register Listing
Address:	Reservoir Ave.	
City:	Louisville	
Date listed:	9/10/1979	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001372
Name:	District #1	KY National Register Listing
Address:	S. Brook and E. Breckinbridge St.	
City:	Louisville	
Date listed:	6/3/1983	
Multiple:	North Old Louisville MRA	

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

		Status EDR ID Database
State:	KY	Unmappable
County:	Jefferson	KY10001373
Name:	District #2	KY National Register Listing
Address:	W. Breckinridge St. and S. 2nd St.	
City:	Louisville	
Date listed:	6/3/1983	
Multiple:	North Old Louisville MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001378
Name:	Dolfinger, J., and Company Building	KY National Register Listing
Address:	642 S. Fourth St.	
City:	Louisville	
Date listed:	12/21/1990	
Multiple:	Louisville and Jefferson County MPS	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001380
Name:	Dumesnil Street ME Church	KY National Register Listing
Address:	17th and Dumesnil Sts.	
City:	Louisville	
Date listed:	9/8/1983	
Multiple:	West Louisville MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001383
Name:	Eight-Mile House	KY National Register Listing
Address:	N of Louisville on Shelbyville Rd.	
City:	Louisville	
Date listed:	3/26/1976	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001394
Name:	Farnsley-Moremén House	KY National Register Listing
Address:	W of Louisville at 10908 Lower River Rd.	
City:	Louisville	
Date listed:	4/20/1979	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001403
Name:	First Street District	KY National Register Listing
Address:	Roughly bounded by E. Breckinridge, E. Kentucky, and I-65	
City:	Louisville	
Date listed:	7/14/1984	
Multiple:	North Old Louisville MRA	

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

		Status EDR ID Database
State:	KY	Unmappable
County:	Jefferson	KY10001409
Name:	Fourth Avenue Methodist Episcopal Church	KY National Register Listing
Address:	318 W. St. Catherine St.	
City:	Louisville	
Date listed:	7/16/1979	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001414
Name:	Gaffney House	KY National Register Listing
Address:	River Rd.	
City:	Louisville	
Date listed:	12/8/1983	
Multiple:	Jefferson County MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001421
Name:	Glenview Historic District	KY National Register Listing
Address:	Glenview Ave.	
City:	Louisville	
Date listed:	8/16/1983	
Multiple:	Jefferson County MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001430
Name:	Harig, Koop & Company--Columbia Mantel Company	KY National Register Listing
Address:	845 S. Ninth St.	
City:	Louisville	
Date listed:	3/14/1996	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001435
Name:	Herr-Rudy Family Houses	KY National Register Listing
Address:	520 Old Stone Lane, 4319 and 4417 Westport Rd., 612 Rudy Lane, 726 Waterford Rd., 1823 Ballard Mill Lane, 1705 Lynn Way	
City:	Louisville	
Date listed:	5/19/1978	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001438
Name:	Highlands Historic District	KY National Register Listing
Address:	Roughly bounded by Barrett Ave., Eastern Pkwy., Fernwood, Bardstown, Woodbourne, Ellerbee, and Sherwood Aves.	
City:	Louisville	
Date listed:	2/11/1983	
Multiple:	Not Reported	

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

		Status EDR ID Database
State:	KY	Unmappable
County:	Jefferson	KY10001439
Name:	Hikes Family Houses	KY National Register Listing
Address:	4118 Taylorsville Rd., 2806 Meadow Dr., 3026 Hikes Lane	
City:	Louisville	
Date listed:	3/21/1978	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001446
Name:	Holy Cross Catholic Church, School and Rectory	KY National Register Listing
Address:	31st and Broadway	
City:	Louisville	
Date listed:	9/8/1983	
Multiple:	West Louisville MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001447
Name:	Holy Name Church Rectory, Convent and School	KY National Register Listing
Address:	2920 and 2914 S. 3rd St. and 2911 and 2921 S. 4th St.	
City:	Louisville	
Date listed:	5/13/1982	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001449
Name:	Hook and Ladder Company No. 3	KY National Register Listing
Address:	Frankfort Ave. and Pope St.	
City:	Louisville	
Date listed:	11/7/1980	
Multiple:	Historic Firehouses of Louisville TR	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001468
Name:	Jewish Hospital Complex	KY National Register Listing
Address:	236 E. Kennedy St.	
City:	Louisville	
Date listed:	7/22/1994	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001481
Name:	KYANG Site (15JF267)	KY National Register Listing
Address:	Address Restricted	
City:	Louisville	
Date listed:	9/12/1972	
Multiple:	Not Reported	

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

		Status EDR ID Database
State:	KY	Unmappable
County:	Jefferson	KY10001485
Name:	Lee, Addison W., House	KY National Register Listing
Address:	4218 Upper River Rd.	
City:	Louisville	
Date listed:	8/2/2000	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001489
Name:	Limerick Historic District	KY National Register Listing
Address:	Roughly bounded by Breckinridge, Oak, 5th and 7th Sts.	
City:	Louisville	
Date listed:	9/13/1978	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001490
Name:	Limerick Historic District (Boundary Increase)	KY National Register Listing
Address:	Between Breckinridge and Oak, 5th and 8th St.	
City:	Louisville	
Date listed:	12/23/1983	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001499
Name:	Louisville City Hall Complex	KY National Register Listing
Address:	601, 603, 617 W. Jefferson St.	
City:	Louisville	
Date listed:	9/1/1976	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001504
Name:	Louisville Municipal Bridge, Pylons and Administration Building	KY National Register Listing
Address:	Spans Ohio River between Louisville, KY and Jeffersonville, IN	
City:	Louisville	
Date listed:	3/8/1984	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001507
Name:	Louisville Water Company Pumping Station	KY National Register Listing
Address:	Zorn Ave.	
City:	Louisville	
Date listed:	11/11/1971	
Multiple:	Not Reported	

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

		Status EDR ID Database
State:	KY	Unmappable
County:	Jefferson	KY10001510
Name:	Lyndon Cottage	KY National Register Listing
Address:	Terminus of Hurstbourne Country Club Dr.	
City:	Louisville	
Date listed:	5/30/1990	
Multiple:	Louisville and Jefferson County MPS	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001514
Name:	Main Street District, Expanded	KY National Register Listing
Address:	316,320,324 and 328 W. Main St.	
City:	Louisville	
Date listed:	4/1/1980	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001516
Name:	Marlow Place Bungalows District	KY National Register Listing
Address:	3139 to 3209 W. Broadway	
City:	Louisville	
Date listed:	9/8/1983	
Multiple:	West Louisville MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001517
Name:	Marmaduke Building	KY National Register Listing
Address:	520 S. Fourth Ave.	
City:	Louisville	
Date listed:	7/26/1991	
Multiple:	Louisville and Jefferson County MPS	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001522
Name:	MAYOR ANDREW BROADDUS	KY National Register Listing
Address:	4th St. and River Rd.	
City:	Louisville	
Date listed:	6/30/1989	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001524
Name:	McFerran, J. B., School	KY National Register Listing
Address:	Cypress and Hill Sts.	
City:	Louisville	
Date listed:	9/8/1983	
Multiple:	West Louisville MRA	

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

		Status EDR ID Database
State:	KY	Unmappable
County:	Jefferson	KY10001525
Name:	Meek-Miller House	KY National Register Listing
Address:	3123 N. Western Pkwy.	
City:	Louisville	
Date listed:	9/10/1979	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001528
Name:	Merriwether House	KY National Register Listing
Address:	6421 Upper River Rd.	
City:	Louisville	
Date listed:	3/22/1989	
Multiple:	Jefferson County MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001548
Name:	Oakdale District	KY National Register Listing
Address:	Roughly bounded by Terrace Park, Southern Pkwy., 4th and Kenton Sts.	
City:	Louisville	
Date listed:	9/6/1983	
Multiple:	South Louisville MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001550
Name:	Old Louisville Residential District (Boundary Increase)	KY National Register Listing
Address:	Roughly bounded by I-65, 7th, Kentucky, and Avery Sts.	
City:	Louisville	
Date listed:	7/12/1984	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001549
Name:	Old Louisville Residential District	KY National Register Listing
Address:	Irregular pattern roughly bounded by S. 7th St. on W, North-South Expwy. on E, Kentucky St. on N, and Avery St. on S	
City:	Louisville	
Date listed:	2/7/1975	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001554
Name:	Olmstead Park System	KY National Register Listing
Address:	Algonquin, Cherokee, Eastern, Southern, North, and South Western Pkwys.	
City:	Louisville	
Date listed:	5/17/1982	
Multiple:	Not Reported	

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

		Status EDR ID Database
State:	KY	Unmappable
County:	Jefferson	KY10001557
Name:	Paget House and Heigold House Facade	KY National Register Listing
Address:	1562 Fulton St. and River Rd.	
City:	Louisville	
Date listed:	11/17/1978	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001559
Name:	Parkland Historic District	KY National Register Listing
Address:	Roughly bounded by RR tracks, Hale Ave., S. 26th and S. 30th Sts.	
City:	Louisville	
Date listed:	6/4/1980	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001563
Name:	Peterson Avenue Hill	KY National Register Listing
Address:	Peterson Ave.	
City:	Louisville	
Date listed:	3/24/1980	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001565
Name:	Phoenix Hill Historic District	KY National Register Listing
Address:	Roughly bounded by Main, Campbell, Jefferson, Chestnut, Broadway, Hancock, Walnut, Shelby, Market and Floyd Sts.	
City:	Louisville	
Date listed:	1/10/1983	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001569
Name:	Portland Historic District	KY National Register Listing
Address:	Roughly bounded by Missouri Alley, Pflanz Ave., Bank, N. 33rd and N. 37th Sts.	
City:	Louisville	
Date listed:	2/21/1980	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001572
Name:	Preston-St. Catherine Street Historic District	KY National Register Listing
Address:	Roughly bounded by Roland, Preston, Jackson, St. Catherine and Floyd Sts.	
City:	Louisville	
Date listed:	5/2/1985	
Multiple:	Not Reported	

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

		Status EDR ID Database
State:	KY	Unmappable
County:	Jefferson	KY10001580
Name:	Rockledge	KY National Register Listing
Address:	4810 Upper River Rd.	
City:	Louisville	
Date listed:	8/16/1983	
Multiple:	Jefferson County MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001584
Name:	Rossmore Apartment House	KY National Register Listing
Address:	664 River City Mall	
City:	Louisville	
Date listed:	11/14/1978	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001585
Name:	Russell Historic District	KY National Register Listing
Address:	Roughly bounded by S. 15th, S. 26th, Congress and W. Broadway Sts.	
City:	Louisville	
Date listed:	5/7/1980	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001586
Name:	Russell Historic District (Boundary Increase)	KY National Register Listing
Address:	Jct. of Muhammad Ali Blvd. and S. 17th sT.	
City:	Louisville	
Date listed:	3/24/2000	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001593
Name:	Second and Market Streets Historic District	KY National Register Listing
Address:	Address Restricted	
City:	Louisville	
Date listed:	3/17/1988	
Multiple:	Market and Jefferson Streets MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001602
Name:	Shwab House	KY National Register Listing
Address:	4812 Upper River Rd.	
City:	Louisville	
Date listed:	8/16/1983	
Multiple:	Jefferson County MRA	

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

		Status EDR ID Database
State:	KY	Unmappable
County:	Jefferson	KY10001604
Name:	Smoketown Historic District	KY National Register Listing
Address:	Roughly bounded by Preston, Caldwell, and Jacob Sts., and alley E of Shelby St.	
City:	Louisville	
Date listed:	7/3/1997	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001610
Name:	Southern Heights-Beechmont District	KY National Register Listing
Address:	Roughly bounded by Southern Pkwy., 6th St., Ashland, and Southern Heights Aves.	
City:	Louisville	
Date listed:	9/6/1983	
Multiple:	South Louisville MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001612
Name:	Speed Building	KY National Register Listing
Address:	319 Guthrie Green	
City:	Louisville	
Date listed:	5/18/1983	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001618
Name:	St. James Roman Catholic Church, Rectory, and School	KY National Register Listing
Address:	1430 Bardstown Rd., 1826 and 1818 Edenside Ave.	
City:	Louisville	
Date listed:	3/1/1982	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001619
Name:	St. James-Belgravia Historic District	KY National Register Listing
Address:	Roughly bounded by Central Park, S. 4th, S. 6th and Hill Sts.	
City:	Louisville	
Date listed:	12/5/1972	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001625
Name:	St. Vincent DePaul Church, Rectory, School, St. Ursula Home and Convent	KY National Register Listing
Address:	Oak and Shelby Sts., and 1214 Logan St.	
City:	Louisville	
Date listed:	11/15/1984	
Multiple:	Not Reported	

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

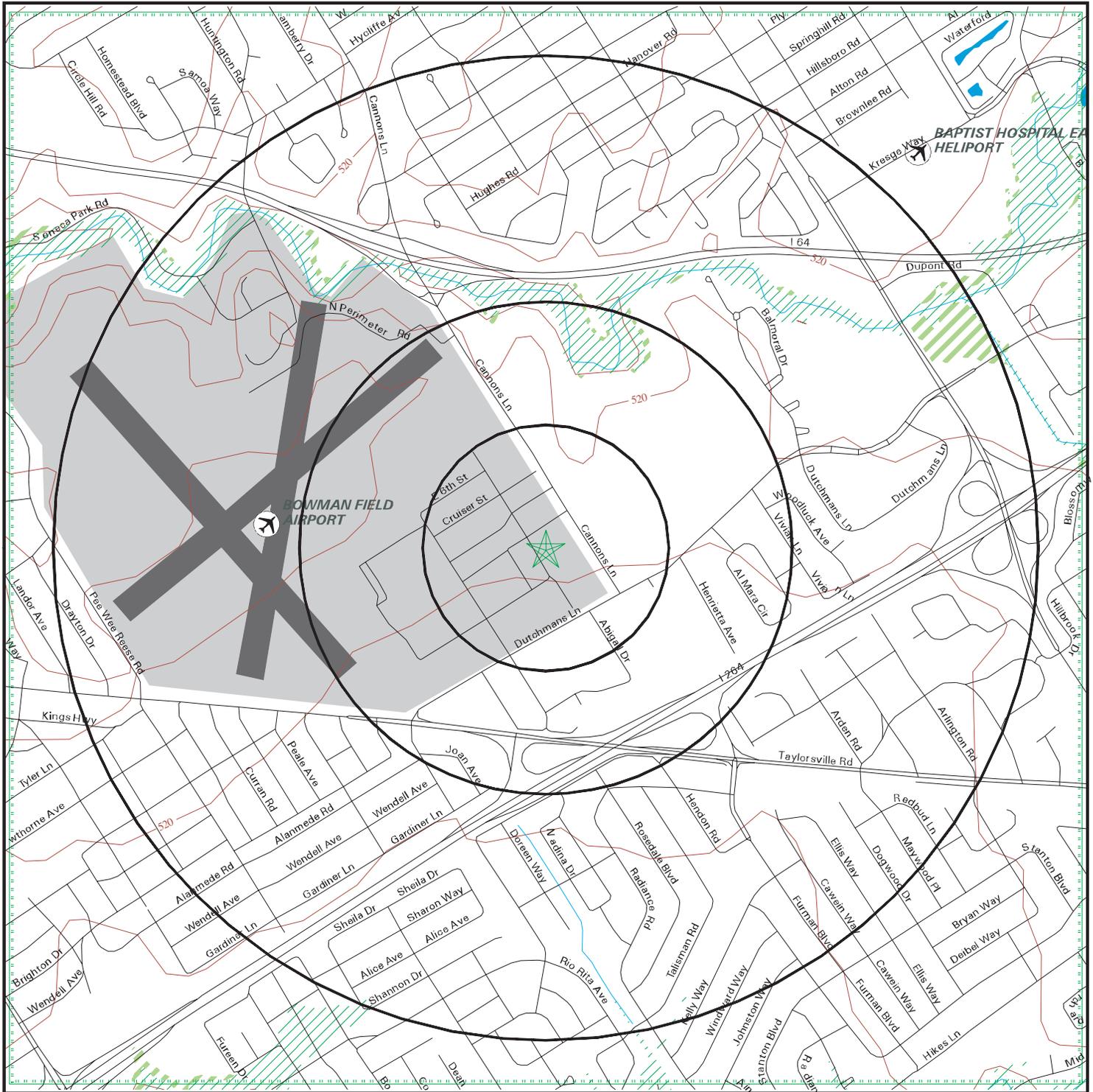
		Status EDR ID Database
State:	KY	Unmappable
County:	Jefferson	KY10001635
Name:	Steam Engine Company No. 22	KY National Register Listing
Address:	37th and Broadway	
City:	Louisville	
Date listed:	11/7/1980	
Multiple:	Historic Firehouses of Louisville TR	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001652
Name:	Third and Jefferson Streets Historic District	KY National Register Listing
Address:	301--317 S. Third St. and 232--244 Jefferson St.	
City:	Louisville	
Date listed:	3/17/1988	
Multiple:	Market and Jefferson Streets MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001653
Name:	Third and Market Streets Historic District	KY National Register Listing
Address:	201--219 S. Third St. and 224--240 W. Market St.	
City:	Louisville	
Date listed:	3/17/1988	
Multiple:	Market and Jefferson Streets MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001674
Name:	Union Monument in Louisville	KY National Register Listing
Address:	Cave Hill Cemetery. Jct. of Payne St. and Lexington Rd.	
City:	Louisville	
Date listed:	7/17/1997	
Multiple:	Civil War Monuments of Kentucky MPS	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001682
Name:	Vogt, Henry, Machine Company Shop	KY National Register Listing
Address:	10th St. and Ormsby Ave.	
City:	Louisville	
Date listed:	2/11/1982	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001684
Name:	Walnut Street Theater	KY National Register Listing
Address:	416 W. Walnut St.	
City:	Louisville	
Date listed:	9/1/1978	
Multiple:	Not Reported	

UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

		Status EDR ID Database
State:	KY	Unmappable
County:	Jefferson	KY10001685
Name:	Warehouse A, Brown--Forman Corporation	KY National Register Listing
Address:	18th and Howard Sts.	
City:	Louisville	
Date listed:	4/16/1990	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001688
Name:	Wedekind House and Servant's Quarters	KY National Register Listing
Address:	2630 and 2532 W. Burnett St.	
City:	Louisville	
Date listed:	9/8/1983	
Multiple:	West Louisville MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001691
Name:	West Main Street Historic District, Expanded	KY National Register Listing
Address:	600-800 blocks W. Main St., and S side of 500 block	
City:	Louisville	
Date listed:	3/27/1980	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001690
Name:	West Main Street Historic District	KY National Register Listing
Address:	W. Main St.	
City:	Louisville	
Date listed:	3/22/1974	
Multiple:	Not Reported	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001692
Name:	Western Junior High School	KY National Register Listing
Address:	22nd and Main Sts.	
City:	Louisville	
Date listed:	9/8/1983	
Multiple:	West Louisville MRA	
<hr/>		
State:	KY	Unmappable
County:	Jefferson	KY10001694
Name:	White Mills Distillery Company	KY National Register Listing
Address:	18th and Howard Sts.	
City:	Louisville	
Date listed:	12/8/1978	
Multiple:	Not Reported	

Flood Plain Map



- | | | | | | |
|--|-----------------|--|--------------------------------|--|------------------------------------|
| | Major Roads | | Power Lines | | Water |
| | Contour Lines | | Pipe Lines | | 100-year flood zone |
| | Waterways | | Fault Lines | | 500-year flood zone |
| | County Boundary | | Electronic FEMA data available | | Electronic FEMA data not available |
| | Airports | | | | |

SITE NAME: U.S. Army Reserve Center MG Benjamin J. Butler
 ADDRESS: 3600 Century Division Way (KY076)
 Louisville KY 40205
 LAT/LONG: 38.2273 / 85.6533

CLIENT: Geo Consultants LLC
 CONTACT: Christie Harrington
 INQUIRY #: 1847659.8s
 DATE: February 1, 2007

FLOOD PLAIN MAP FINDINGS

Source: FEMA Q3 Flood Data

County	FEMA flood data electronic coverage
--------	-------------------------------------

JEFFERSON, KY

YES

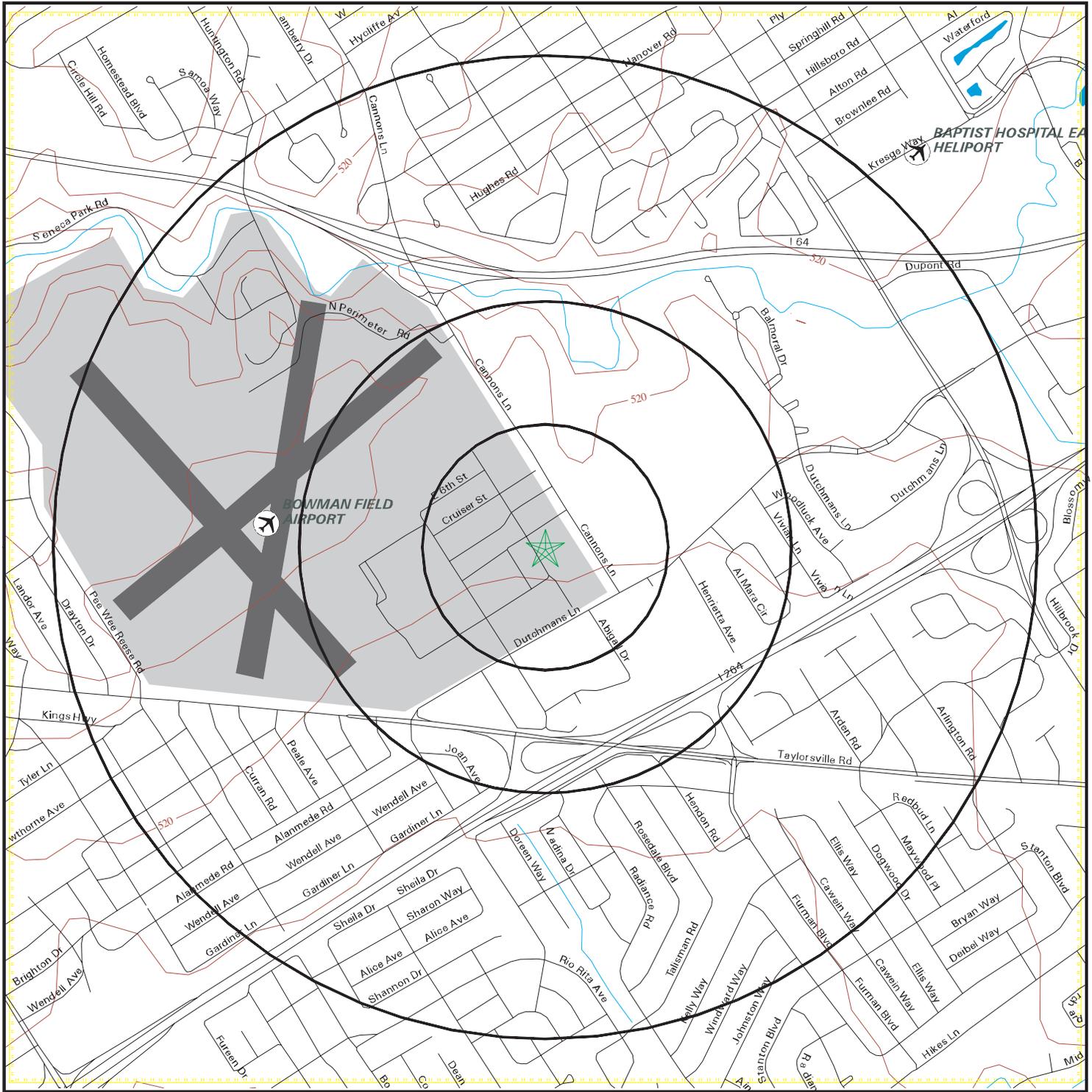
Flood Plain panel at target property:

21111C0090D

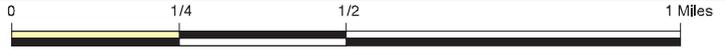
Additional Flood Plain panel(s) in search area:

None Reported

National Wetlands Inventory Map



- | | | | | | |
|--|-----------------|--|-------------|--|-----------------------------------|
| | Major Roads | | Power Lines | | Water |
| | Contour Lines | | Pipe Lines | | National Wetland Inventory |
| | Waterways | | Fault Lines | | State Wetlands |
| | County Boundary | | | | Electronic NWI data available |
| | Airports | | | | Electronic NWI data not available |



SITE NAME: U.S. Army Reserve Center MG Benjamin J. Butler
 ADDRESS: 3600 Century Division Way (KY076)
 Louisville KY 40205
 LAT/LONG: 38.2273 / 85.6533

CLIENT: Geo Consultants LLC
 CONTACT: Christie Harrington
 INQUIRY #: 1847659.8s
 DATE: February 1, 2007

TC1847659.8s Page 24 of 43

WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: Louisville East

Additional NWI hardcopy map(s) in search area:

Not reported in source data

Map ID

Direction

Distance

Distance (ft.)

Code and Description*

Database

No Sites Reported.

*See Wetland Classification System for additional information.

WETLANDS CLASSIFICATION SYSTEM

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a sub-department of the U.S. Department of the Interior. In 1974, the U.S. Fish and Wildlife Service developed a criteria for wetland classification with four long range objectives:

- to describe ecological units that have certain homogeneous natural attributes,
- to arrange these units in a system that will aid decisions about resource management,
- to furnish units for inventory and mapping, and
- to provide uniformity in concepts and terminology throughout the U.S.

High altitude infrared photographs, soil maps, topographic maps and site visits are the methods used to gather data for the productions of these maps. In the infrared photos, wetlands appear as different colors and these wetlands are then classified by type. Using a hierarchical classification, the maps identify wetland and deepwater habitats according to:

- system
- subsystem
- class
- subclass
- modifiers

(as defined by Cowardin, et al. U.S. Fish and Wildlife Service FWS/OBS 79/31. 1979.)

The classification system consists of five systems:

1. marine
2. estuarine
3. riverine
4. lacustrine
5. palustrine

The marine system consists of deep water tidal habitats and adjacent tidal wetlands. The riverine system consists of all wetlands contained within a channel. The lacustrine systems includes all nontidal wetlands related to swamps, bogs & marshes. The estuarine system consists of deepwater tidal habitats and where ocean water is diluted by fresh water. The palustrine system includes nontidal wetlands dominated by trees and shrubs and where salinity is below .5% in tidal areas. All of these systems are divided in subsystems and then further divided into class.

National Wetland Inventory Maps are produced by transferring gathered data on a standard 7.5 minute U.S.G.S. topographic map. Approximately 52 square miles are covered on a National Wetland Inventory map at a scale of 1:24,000. Electronic data is compiled by digitizing these National Wetland Inventory Maps.

SYSTEM

MARINE

SUBSYSTEM

1 - SUBTIDAL

2 - INTERTIDAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RF-REEF	OW-OPEN WATER / Unknown Bottom	AB-AQUATIC BED	RF-REEF	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm		1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic

SYSTEM

E - ESTUARINE

SUBSYSTEM

1 - SUBTIDAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RF-REEF	OW-OPEN WATER / Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	

SUBSYSTEM

2 - INTERTIDAL

CLASS	AB-AQUATIC BED	RF-REEF	SB - STREAMBED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	SS-SCRUB SHRUB	FO-FORESTED
Subclass	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen

SYSTEM

R - RIVERINE

SUBSYSTEM

1 - TIDAL 2 - LOWER PERENNIAL 3 - UPPER PERENNIAL 4 - INTERMITTENT 5 - UNKNOWN PERENNIAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	*SB-STREAMBED	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	**EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Mud 6 Organic 7 Vegetated	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

* STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.
 **EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS.

SYSTEM

L - LACUSTRINE

SUBSYSTEM

1 - LIMNETIC

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	

SUBSYSTEM

2 - LITTORAL

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

SUBSYSTEM

P - PALUSTRINE

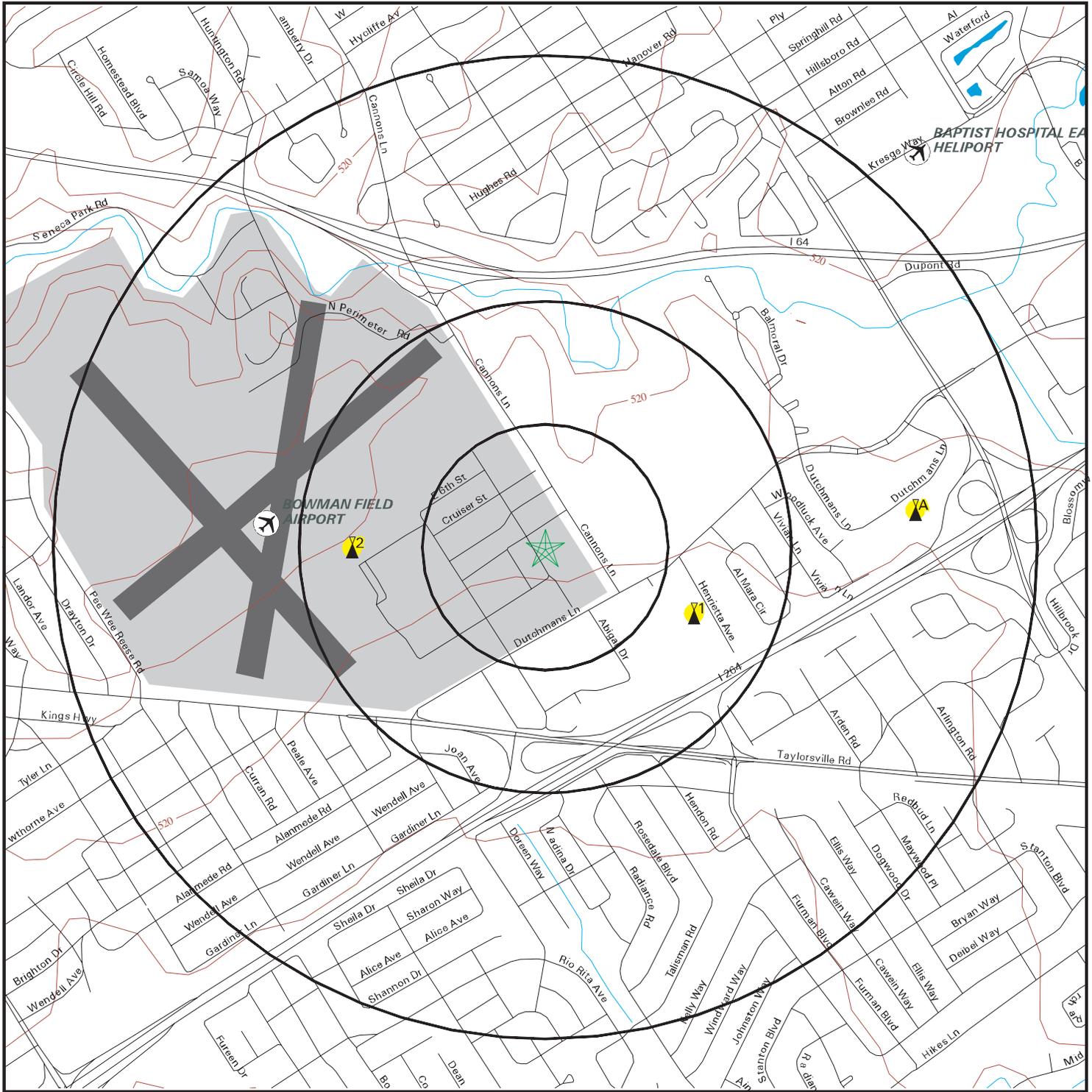
CLASS	RB--ROCK BOTTOM	UB--UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	US--UNCONSOLIDATED SHORE	ML--MOSS- LICHEN	EM--EMERGENT	SS--SCRUB-SHRUB	FO--FORESTED	OW-OPEN WATER/ Unknown
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown 6 Unknown Surface	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	1 Moss 2 Lichen	1 Persistent 2 Nonpersistent	1 Broad-Leaved 2 Needle-Leaved 3 Broad-Leaved 4 Needle-Leaved 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved 2 Needle-Leaved 3 Broad-Leaved 4 Needle-Leaved 5 Dead 6 Deciduous 7 Evergreen	

MODIFIERS

In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME				WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal Halinity	Inland Salinity	pH	all Fresh Water			
A Temporarily Flooded	H Permanently Flooded	K Artificially Flooded	*S Temporary-Tidal		1 Hyperhaline	7 Hypersaline	g Organic	b Beaver
B Saturated	J Intermittently Flooded	L Subtidal	*R Seasonal-Tidal		2 Euhaline	8 Eusaline	n Mineral	d Partially Drained/Ditched
C Seasonally Flooded	K Artificially Flooded	M Irregularly Exposed	*T Semipermanent -Tidal		3 Mixohaline (Brackish)	9 Mixosaline		f Farmed
D Seasonally Flooded/ Well Drained	W Intermittently Flooded/Temporary	N Regularly Flooded	V Permanent -Tidal		4 Polyhaline	0 Fresh	t Circumneutral	h Diked/Impounded
E Seasonally Flooded/ Saturated	Y Saturated/Semipermanent/ Seasonal	P Irregularly Flooded	U Unknown		5 Mesohaline		i Alkaline	r Artificial Substrate
F Semipermanently Flooded	Z Intermittently Exposed/Permanent	*These water regimes are only used in tidally influenced, freshwater systems.			6 Oligohaline			s Spoil
G Intermittently Exposed	U Unknown				0 Fresh			x Excavated

FCC & FAA Sites Map



- Streets
- Contour Lines
- County Boundary
- Waterways
- Power Lines
- Water
- Airports
- Sites
- Omni Directional AM Interference
- Directional AM Interference



SITE NAME: U.S. Army Reserve Center MG Benjamin J. Butler
 ADDRESS: 3600 Century Division Way (KY076)
 Louisville KY 40205
 LAT/LONG: 38.2273 / 85.6533

CLIENT: Geo Consultants LLC
 CONTACT: Christie Harrington
 INQUIRY #: 1847659.8s
 DATE: February 1, 2007

TC1847659.8s Page 30 of 43

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

1
ESE
1/4-1/2 mi
1747

ANT100000001830
ANTREG

Tower ID:	1002082		
Address:	3630 DUTCHMANS LN, LOUISVILLE, KY		
Lat (NAD 27):	381331	Lon (NAD 27):	0853852
Lat (NAD 83):	381331	Lon (NAD 83):	0853852
Construction Date:	Jan 1 1986	Dismantled Date:	
Nepa Flag:	N	FAA ID:	96-ASO-2860-OE
Structure Type:	B	Elevation (M):	158.20
Structure Hgt (M):	34.70	Hgt Above Ground:	40.80
Hgt Above Ground (M):	40.8436965	Hgt Above Mean Sea Level (M):	199.036819
Date Activated:	Sep 19 1996	License Issue Date:	Sep 19 1996
Date Keyed:	Aug 29 1996	Date Printed:	Sep 26 1996
Date Processed:	Aug 29 1996	Date Received:	Aug 19 1996
Licensee Signature	STEVE KENNEDY		
Nature of Modification:		Purpose:	R
Company (DBA) Name:	SHALOM TOWER		
Owner Name:	JEWISH COMMUNITY FEDERATION OF LOUISVILLE		
Attention:	SPRINT SPECTRUM STEVE KENNEDY		
Owner Address:	3630 DUTCHMANS LN, LOUISVILLE, KY 40205		
Owner PO Box:		Phone Number:	5023943510
E-Mail Address:			
Internet Domain:			
Painting & Lighting Specs:		Date of Last Remarks:	Sep 19 1996
Special Conditions #1:			
Special Conditions #2:			
Key Remarks:	FAA/FCC EMI CONDITIONAL STATEMENT MUST BE PLACED ON THE CP/LICENSE.		

This record is for a license, and it may or may not indicate a site which has been built.

2
West
1/4-1/2 mi
2073

DOF000000031941
FAA DOF

Unique ID:	181313	Obstruction #:	1313
City:	LOUISVILLE	State:	Kentucky
Verification Status:	verified	Obstruction Type:	CTRL TWR
Latitude:	38 13 38N	Longitude:	085 39 38W
Frequency:	Not Reported	Type of Lighting:	Red Lighting
Above Ground Level Height (Ft.):			0075
Above Mean Sea Level Height (Ft.):			00615
Horizontal Accuracy:	+15'	Vertical Accuracy:	+3'
Painted/Marked:	No	FAA Study #:	99OC0238

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

A3
East
1/2-1 mi
3931

DOF000000030911
FAA DOF

Unique ID:	180161	Obstruction #:	0161
City:	LOUISVILLE	State:	Kentucky
Verification Status:	verified	Obstruction Type:	BLDG
Latitude:	38 13 42N	Longitude:	085 38 23W
Frequency:	Not Reported	Type of Lighting:	Red Lighting
Above Ground Level Height (Ft.):			0217
Above Mean Sea Level Height (Ft.):			00742
Horizontal Accuracy:	+ -15'	Vertical Accuracy:	+ -3'
Painted/Marked:	No	FAA Study #:	90SO1627

A4
East
1/2-1 mi
4013

CEL100000030070
CELLULAR

Low Frequency:	870.03000000	High Frequency:	879.99000000
Callsign:	KNKA266	Radio Code:	CL
DBA Name:	CONTEL CELLULAR OF KENTUCKY, INC.		
Contact:	Not Reported		
Licensee:	CONTEL CELLULAR OF KENTUCKY, INC.		
	Not Reported		
	ATLANTA, GA 30346		
Transmitter Address:	KADEN TOWERS, 6100 DUTCHMANS LANE LOUISVILLE, KY		
County:	Not Reported		
Latitude:	381342	Longitude:	0853822
Elevation:	00000	Height:	00000
Height Average:	00000	Effective Height:	00000
Structure Height:	00000	Class Code:	FB
ERP:	10000000	Database ID:	Y
License Date:	940118	Emissions:	40K0F3E 40K0F1D
Issue Date:	940110	Expiration Date:	951001
Mobile Vehicles:	Not Reported	Total Units:	Not Reported
Control Point Auth:	00	Authorization Type:	L

This record is for a license, and it may or may not indicate a site which has been built.

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

A5
East
1/2-1 mi
4013

CEL10000001484
CELLULAR

Low Frequency:	825.03000000	High Frequency:	834.99000000
Callsign:	KNKA266	Radio Code:	CL
DBA Name:	CONTEL CELLULAR OF KENTUCKY, INC.		
Contact:	Not Reported		
Licensee:	CONTEL CELLULAR OF KENTUCKY, INC.		
	Not Reported		
	ATLANTA, GA 30346		
Transmitter Address:	KADEN TOWERS, 6100 DUTCHMANS LANE		
	LOUISVILLE, KY		
County:	Not Reported		
Latitude:	381342	Longitude:	0853822
Elevation:	00000	Height:	00000
Height Average:	00000	Effective Height:	00000
Structure Height:	00000	Class Code:	MO
ERP:	10000000	Database ID:	Y
License Date:	940118	Emissions:	40K0F3E 40K0F1D
Issue Date:	940110	Expiration Date:	951001
Mobile Vehicles:	Not Reported	Total Units:	Not Reported
Control Point Auth:	00	Authorization Type:	L

This record is for a license, and it may or may not indicate a site which has been built.

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

A6
East
1/2-1 mi
4013

TOW100000006469
TOWER

Tower ID:	111331		
Tower Owner Name:	CENTRAL KENTUCKY CELLULAR TEL. CO. 6100 DUTCHMANS LANE, LOUISVILLE, KY		
Latitude:	38 13' 137622"	Latitude (in seconds):	137622
Longitude:	85 38' 22"	Longitude (in seconds):	308302
Transmitter Latitude:	381342	Transmitter Longitude:	0853822
Construction Date:	99/99/1999	Activation Date:	Dec 7 1990
FAA Date:	Oct 3 1990	FCC Date:	Nov 27 1990
File Number:	07521-CL-L-91	FAA ID:	90-ASO-1627-OE
Antenna Height:	17.0000	Antenna Height (M):	5.2000
Beacon Height:	0.0000	Beacon Height (M):	0.0000
Elevation:	742.0000	Elevation FAA:	742.0000
Elevation FAA (M):	226.2000	Elevation (M):	226.2000
Structure Height:	217.0000	Structure Height (M):	66.1000
Structure Height FAA:	217.0000	Structure Height FAA (M):	66.1000
Supporting Struct Hgt:	200.0000	Supporting Struct Hgt (M):	61.0000
Tower Height:	0.0000	Tower Height (M):	0.0000
Structure Type:	BTW	Tower Type:	E
Key Remarks:		Date:	
Key Site:	40557	Record Action:	ADD
ID Exam:	ASB3	ID_ASB_ACC:	Y
Paint and Lighting Specs:	21 22 3		
Special Conditions/Remarks:			

This record is for a license, and it may or may not indicate a site which has been built.

FCC & FAA SITES MAP FINDINGS

AIRPORTS

EDR ID
Database

AIR07071
AIRPORTS

Site Number: 07244.*A
 Airport Type: AIRPORT
 County: JEFFERSON
 Facility Name: BOWMAN FIELD
 Use: PU
 Owner Address: P O BOX 9129
 Phone: 502-368-6524
 Mgmt Address: P O BOX 9129
 Mgmt Phone: 502-368-6524
 Longitude: 085-39-49.400W
 Elev (ft): 546
 Aero chart: ST LOUIS
 Dir from Business: SE
 Certified Date: Not Reported
 Is Int'l Airport?: N
 Inspection Method: S
 Last inspected: 02132001
 Lighting: DUSK-DAWN
 Beacon Color: CG
 Single engine: 252
 Jet engines: 006
 Gliders: Not Reported
 Ultralights: Not Reported
 Air taxis: 000978

State: KENTUCKY
 City: LOUISVILLE
 Owner type: PU
 Owner: REG APT AUTH LOU & JEFF CO
 City/State: LOUISVILLE, KY 40209-0129
 Mgmt Name: JAMES DELONG
 Mgmt City/St: LOUISVILLE, KY 40209-0129
 Latitude: 38-13-40.800N
 Lat Method: E
 Elev method: S
 Dist from Business: 05
 Date Active: Not Reported
 Fed agreements: NGPY3
 Is Customs Airport?: Y
 Inspected by: S
 Attendance: ALL/ALL/0600-2200
 Has ATC Tower: Y
 Landing fee: N
 Multi engine: 063
 Helicopters: 003
 Military: Not Reported
 Commercial: Not Reported
 Local ops: 097856

Runway id: 06/24
 Width: 80
 Lights Intensity: MED
 Markings: NPI
 Longitude: 085-40-09.706W
 Approach lights: Not Reported
 Centerline Lights: Not Reported
 Recip End ID: 24
 Recip Lat: 38-13-53.321N
 Recip Elev: 528.2
 Recip End Lgts: Y

Length: 4326
 Surface: ASPH-F
 Base End Id: 06
 Latitude: 38-13-31.667N
 Elevation: 542.1
 End Lights: Not Reported
 Touchdown Lights: Not Reported
 Recip markings: NPI
 Recip Long: 085-39-22.956W
 Recip App Lgts: Not Reported
 Recip Ctr Lgts: Not Reported

Runway id: 14/32
 Width: 80
 Lights Intensity: MED
 Markings: NPI
 Longitude: 085-40-06.496W
 Approach lights: Not Reported
 Centerline Lights: Not Reported
 Recip End ID: 32
 Recip Lat: 38-13-24.449N

Length: 3579
 Surface: ASPH-F
 Base End Id: 14
 Latitude: 38-13-52.925N
 Elevation: 538.2
 End Lights: Not Reported
 Touchdown Lights: Not Reported
 Recip markings: NPI
 Recip Long: 085-39-39.874W

FCC & FAA SITES MAP FINDINGS

AIRPORTS

EDR ID
Database

Recip Elev:	518.1	Recip App Lgts:	Not Reported
Recip End Lgts:	Y	Recip Ctr Lgts:	Not Reported

AIR07070
AIRPORTS

<p>Site Number: 07243.21*H Airport Type: HELIPORT County: JEFFERSON Facility Name: BAPTIST HOSPITAL EAST Use: PR Owner Address: 4000 KRESGE WAY Phone: 502-897-8101 Mgmt Address: 4000 KRESGE WAY Mgmt Phone: 502-897-8101 Longitude: 085-38-21.859W Elev (ft): 531 Aero chart: ST LOUIS Dir from Business: W Certified Date: Not Reported Is Int'l Airport?: Not Reported Inspection Method: 2 Last inspected: Not Reported Lighting: Not Reported Beacon Color: Not Reported Single engine: Not Reported Jet engines: Not Reported Gliders: Not Reported Ultralights: Not Reported Air taxis: Not Reported</p> <p>Runway id: H1 Width: 50 Lights Intensity: Not Reported Markings: Not Reported Longitude: Not Reported Approach lights: Not Reported Centerline Lights: Not Reported Recip End ID: Not Reported Recip Lat: Not Reported Recip Elev: Not Reported Recip End Lgts: Not Reported</p>	<p>State: KENTUCKY City: LOUISVILLE Owner type: PR Owner: BAPTIST HOSPITALS, INC. City/State: LOUISVILLE, KY 40207 Mgmt Name: TOMMY SMITH Mgmt City/St: LOUISVILLE, KY 40207 Latitude: 38-14-20.254N Lat Method: E Elev method: E Dist from Business: 00 Date Active: Not Reported Fed agreements: Not Reported Is Customs Airport?: Not Reported Inspected by: N Attendance: ALL/ALL/ALL Has ATC Tower: N Landing fee: N Multi engine: Not Reported Helicopters: Not Reported Military: Not Reported Commercial: Not Reported Local ops: Not Reported</p> <p>Length: 50 Surface: CONC Base End Id: H1 Latitude: Not Reported Elevation: Not Reported End Lights: Not Reported Touchdown Lights: Not Reported Recip markings: Not Reported Recip Long: Not Reported Recip App Lgts: Not Reported Recip Ctr Lgts: Not Reported</p>
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FCC & FAA SITES MAP FINDINGS POWERLINES

EDR ID
Database

No Sites Reported.

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Various Federal laws and executive orders address specific environmental concerns. NEPA requires the responsible offices to integrate to the greatest practical extent the applicable procedures required by these laws and executive orders. EDR provides key contacts at agencies charged with implementing these laws and executive orders to supplement the information contained in this report.

NATURAL AREAS

Officially designated wilderness areas

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

Federal Contacts for Additional Information

National Park Service, Southeast Region

100 Alabama Street SW, 1924 Building

Atlanta, GA 30303

404-562-3100

USDA Forest Service, Southern

1720 Peachtree Road, N.W.

Atlanta, GA 30367

404-347-2384

BLM - Eastern States Office

7450 Boston Blvd.

Springfield, VA 22153

703-440-1713

Fish & Wildlife Service, Region 4

Budget and Finance 1875 Century Boulevard

Atlanta, GA 30345

404-679-4096

Officially designated wildlife preserves, sanctuaries and refuges

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

KY Wildlife Management Areas: Wildlife Management Areas
Boundaries for wildlife management areas
Source: Natural Resources.
Telephone: 502-564-5174

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 4
Budget and Finance 1875 Century Boulevard
Atlanta, GA 30345
404-679-4096

State Contacts for Additional Information

Dept. of Fish & Wildlife 502-564-3400

Wild and scenic rivers

Government Records Searched in This Report

FED_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 4
Budget and Finance 1875 Century Boulevard
Atlanta, GA 30345
404-679-4096

Endangered Species

Government Records Searched in This Report

Endangered Species Protection Program Database

A listing of endangered species by county.

Source: Environmental Protection Agency

Telephone: 703-305-5239

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 4
Budget and Finance 1875 Century Boulevard
Atlanta, GA 30345
404-679-4096

State Contacts for Additional Information

Natural Heritage Program, State Nature Preserves Commission 502-573-2886

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

LANDMARKS, HISTORICAL, AND ARCHEOLOGICAL SITES

Historic Places

Government Records Searched in This Report

National Register of Historic Places:

The National Register of Historic Places is the official federal list of districts, sites, buildings, structures, and objects significant in American history, architecture, archeology, engineering, and culture. These contribute to an understanding of the historical and cultural foundations of the nation.

The National Register includes:

- All prehistoric and historic units of the National Park System;
- National Historic Landmarks, which are properties recognized by the Secretary of the Interior as possessing national significance; and
- Properties significant in American, state, or local prehistory and history that have been nominated by State Historic Preservation Officers, federal agencies, and others, and have been approved for listing by the National Park Service.

Date of Government Version: 03/23/2006

KY National Register Listing: National Register Listing

Source: Kentucky Heritage Council.

Telephone: 502-564-7005

Federal Contacts for Additional Information

Park Service; Advisory Council on Historic Preservation

1849 C Street NW

Washington, DC 20240

Phone: (202) 208-6843

State Contacts for Additional Information

Kentucky Heritage Council 502-564-7005

Indian Religious Sites

Government Records Searched in This Report

Indian Reservations:

This map layer portrays Indian administrated lands of the United States that have any area equal to or greater than 640 acres.

Source: USGS

Phone: 888-275-8747

Date of Government Version: 12/31/2005

Federal Contacts for Additional Information

Department of the Interior- Bureau of Indian Affairs

Office of Public Affairs

1849 C Street, NW

Washington, DC 20240-0001

Office: 202-208-3711

Fax: 202-501-1516

National Association of Tribal Historic Preservation Officers

1411 K Street NW, Suite 700

Washington, DC 20005

Phone: 202-628-8476

Fax: 202-628-2241

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

State Contacts for Additional Information

A listing of local Tribal Leaders and Bureau of Indian Affairs Representatives can be found at:
<http://www.doi.gov/bia/areas/agency.html>

FLOOD PLAIN, WETLANDS AND COASTAL ZONE

Flood Plain Management

Government Records Searched in This Report

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

Federal Contacts for Additional Information

Federal Emergency Management Agency 877-3362-627

State Contacts for Additional Information

Dept. of Military Affairs, Emergency Mgmt. 502-564-8681

Wetlands Protection

Government Records Searched in This Report

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2004 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Polygon Features

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

Federal Contacts for Additional Information

Fish & Wildlife Service 813-570-5412

State Contacts for Additional Information

Dept. of Fish & Wildlife Resources 502-564-3400

Coastal Zone Management

Government Records Searched in This Report

CAMA Management Areas

Dept. of Env., Health & Natural Resources
919-733-2293

Federal Contacts for Additional Information

Office of Ocean and Coastal Resource Management

N/ORM, SSMC4

1305 East-West Highway

Silver Spring, Maryland 20910

301-713-3102

State Contacts for Additional Information

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

FCC & FAA SITES MAP

For NEPA actions that come under the authority of the FCC, the FCC requires evaluation of Antenna towers and/or supporting structures that are to be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable zoning law.

Government Records Searched in This Report

Cellular

Federal Communications Commission

Mass Media Bureau

2nd Floor - 445 12th Street SW

Washington DC 20554 USA

Telephone (202) 418-2700

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Tower

Federal Communications Commission

Mass Media Bureau

2nd Floor - 445 12th Street SW

Washington DC 20554 USA

Telephone (202) 418-2700

Portions copyright (C) 1999 Percon Corporation. All rights reserved.

Antenna Registration

Federal Communications Commission

Mass Media Bureau

2nd Floor - 445 12th Street SW

Washington DC 20554 USA

Telephone (202) 418-2700

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AM Tower

Federal Communications Commission

Mass Media Bureau

2nd Floor - 445 12th Street SW

Washington DC 20554 USA

Telephone (202) 418-2700

FAA Digital Obstacle File

National Oceanic and Atmospheric Administration

Telephone: 301-436-8301

Describes known obstacles of interest to aviation users in the US. Used by the Federal Aviation Administration (FAA) and the National Oceanic and Atmospheric Administration to manage the National Airspace System.

Airport Landing Facilities

Federal Aviation Administration

Telephone (800) 457-6656

Private and public use landing facilities.

Electric Power Transmission Line Data

PennWell Corporation

Telephone: (800) 823-6277

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KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Excessive Radio Frequency Emission

For NEPA actions that come under the authority of the FCC, Commission actions granting construction permits, licenses to transmit or renewals thereof, equipment authorizations or modifications in existing facilities, require the determination of whether the particular facility, operation or transmitter would cause human exposure to levels of radio frequency in excess of certain limits.

Federal Contacts for Additional Information

Office of Engineering and Technology
Federal Communications Commission
445 12th Street SW
Washington, DC 20554
Phone: 202-418-2470

OTHER CONTACT SOURCES

NEPA Single Point of Contact

State Contacts for Additional Information
Department for Local Government
Kentucky State Clearinghouse
1024 Capital Center Drive
Suite 340
Frankfort, KY 40601
502-573-2382

STREET AND ADDRESS INFORMATION

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