

Draft Environmental Assessment

Country Village Northeast

FEMA Emergency Temporary Group Housing

Severe Storms and Flooding

Independence, Montgomery County, Kansas

FEMA-1711-DR-KS



September 2007

Prepared for FEMA Region VII by:
Fluor Corporation and TranSystems Corporation

Table of Contents

Acronyms and Abbreviations	iv
Introduction	1
<i>Disaster Background and Overview</i>	1
<i>Purpose and Need</i>	1
<i>Environmental Assessment</i>	1
Project Alternatives	2
Affected Environments and Potential Environmental Impacts	2
<i>Geology and Soils</i>	5
<i>Land Use and Planning</i>	5
<i>Zoning</i>	5
<i>Prime Farmland</i>	6
<i>Floodplain Encroachment</i>	6
<i>Traffic and Parking</i>	6
<i>Public Health and Safety</i>	7
<i>Socioeconomic Issues</i>	7
<i>Socioeconomic Indicators</i>	7
<i>Environmental Justice</i>	9
<i>Air Quality</i>	10
<i>Noise Impacts</i>	10
<i>Public Services and Utilities</i>	11
<i>Electrical Utility</i>	11
<i>Potable Water</i>	11
<i>Sanitary Sewer</i>	11
<i>Natural Gas</i>	12
<i>Water Quality</i>	12
<i>Biological Resources</i>	13
<i>Wetlands</i>	13
<i>Threatened or Endangered Species</i>	13
<i>Vegetation, Wildlife and Aquatic Resources</i>	13
<i>Cultural Resources</i>	14
<i>Historic Properties</i>	14
<i>Archaeological Resources</i>	14
<i>Hazardous Materials and Waste</i>	14
<i>Cumulative Impacts</i>	15
<i>Coordination and Permits</i>	15
Summary	15
Agencies Consulted	16
References	16
List of Preparers	17
Public Notice	18
Appendices	19
<i>Appendix A: Figures</i>	20
<i>Figure 1: Location Map</i>	21
<i>Figure 2: Topographic Map</i>	22
<i>Figure 3: Soils Map</i>	23

Figure 4: National Wetland Inventory Map	24
Figure 5: FEMA Flood Map	25
Appendix B: Agency Coordination	26
United States Fish and Wildlife Service	27
Kansas Department of Wildlife and Parks	29
Kansas State Historical Society	31
Appendix C: EDR Reports	32
NEPACheck Report®	33
Radius Map with GeoCheck	67
Appendix D: City of Independence Utility Providers	147

Acronyms and Abbreviations

ACHP	Advisory Council on Historic Preservation
ASTM	American Society for Testing and Materials
BMP	Best Management Practices
CFR	Code of Federal Regulations
DEA	Draft Environmental Assessment
EA	Environmental Assessment
EDR	Environmental Data Resources
ESA	Endangered Species Act
FEMA	Federal Emergency Management Agency
FPPA	Farmland Protection Policy Act
GPD	Gallons Per Day
KDHE	Kansas Department of Health and Environment
KDWP	Kansas Department of Wildlife and Parks
KSHS	Kansas State Historical Society
LUST	Leaking Underground Storage Tank
NEPA	National Environmental Policy Act
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
SHPO	State Historic Preservation Office
SWPPP	Stormwater Pollution Prevention Plan
TSC	TranSystems Corporation
USACE	U.S. Army Corps of Engineers
USDA	United States Department of Agriculture
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey

Introduction

Disaster Background and Overview

The severe storms and flooding that occurred throughout southeast Kansas starting on June 26th, 2007 destroyed or damaged hundreds of homes and businesses and displaced thousands of citizens when creeks and rivers overflowed. The flooding destroyed more than 860 homes and severely damaged 1,591 homes throughout the State. The deluge also damaged infrastructure such as roads, sewer, water and electric systems.

President Bush signed a federal disaster declaration (FEMA-1711-DR-KS) on July 2, 2007, authorizing the Federal Emergency Management Agency (FEMA) to provide federal assistance. As of September 2007, 23 counties in Kansas have been declared eligible for federal assistance under the disaster declaration. Displaced individuals and families are currently living in shelters and other dispersed temporary housing including hotels, motels, with family members or in apartments outside of the disaster area; many are far from their former jobs and schools. Therefore, the need exists to expedite the selection and development process of site locations for temporary mobile homes.

FEMA is authorized to provide disaster assistance funds in accordance with the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 USC 5121-5206, as amended (Stafford Act, Public Law 93-288). Section 408 of the Stafford Act authorizes FEMA's Individual Assistance Program to provide emergency temporary housing for disaster victims whose homes are uninhabitable.

The Proposed Action is located in Montgomery County, the county that suffered the greatest damage to its housing stock. The June flooding event in Montgomery County damaged or destroyed over a thousand homes. According to the county's damage assessment, 150 miles of paved roads and 400 miles of gravel roads were damaged. Three wastewater treatment plants and two water treatment plants were damaged as well. The 26.5 foot levees of the Verdigris River were topped by three to four feet after heavy rains inundated southeast Kansas, Oklahoma and Texas. FEMA is working with local, state and federal officials to locate appropriate sites for temporary housing and to assist individuals affected by the disaster.

Purpose and Need

The purpose of the proposed site, Country Village Northeast, is to assist disaster affected citizens in their recovery from the flooding event by providing FEMA emergency temporary group housing in the City of Independence, Montgomery County, Kansas. The project will enable citizens to have safe, sanitary and secure dwellings on a temporary basis while they go through the process of reestablishing their permanent dwelling and their livelihood.

Environmental Assessment

This Draft Environmental Assessment (DEA) documents the results of a study of the Proposed Action's potential environmental impacts and has been prepared in compliance with the National Environmental Policy Act (NEPA) of 1969; the President's Council on Environmental Quality regulations implementing NEPA (Title 40 of the Code of Federal Regulations [CFR], Part 1500-1508 [49 CFR 1500-15008]); and the Department of Homeland Security's FEMA regulations implementing NEPA (44 CFR 10.9). Based on the evaluation described herein, it is concluded that the Proposed Action would not have significant adverse environmental consequences.

Project Alternatives

NEPA requires the investigation and evaluation of reasonable project alternatives as part of the project environmental review process. Two alternatives are addressed in this EA: the No Action Alternative, where FEMA would not build temporary housing, and the Proposed Action, where FEMA would build temporary housing in Independence, Kansas.

Proposed Action – FEMA Emergency Temporary Group Housing at Country Village Northeast

The Proposed Action provides FEMA emergency temporary group housing in Independence, Kansas for people displaced by the flooding event. This alternative provides disaster victims with temporary housing in mobile homes. Overall, the 25 acres approved for group site use by the owner could contain a maximum of 164 mobile home units. Installation and expansion of existing infrastructure will lay the groundwork for permanent housing after the 18 month interim housing period.

No Action Alternative – No Action on Proposed Site

Under the No Action Alternative, FEMA would not fund the proposed project. Most displaced flood victims would remain outside the disaster area in shelters, hotels, with family and friends or other locations until they can find other housing alternatives. This would result in further economic and personal hardships for affected residents, disrupt school attendance and the school system, and further strain the county social and economic infrastructure.

Affected Environments and Potential Environmental Impacts

In order to determine the potential environmental impacts associated with the proposed construction of FEMA emergency temporary group housing at the Country Village Northeast site, an expedited Environmental Assessment (EA) was performed in accordance with FEMA protocol (44CFR Part 10). The EA process included a site visit on August 21, 2007, background research, and expedited agency consultation. The background research, performed by Environmental Data Resources (EDR), TranSystems Corporation (TSC), and Fluor Corporation, consisted of a review of national wetland inventory maps, FEMA flood maps, National Register of Historic Places (NRHP) database, hazardous materials databases, archaeological databases, National Resource Conservation Service (NRCS) soil surveys, U.S. Census Bureau decennial census statistics (2000), threatened and endangered species information, and other publicly available information.

Table 1 summarizes the findings of the EA. A more detailed discussion of the findings can be found below. Definitions of the ratings used to describe potential impacts to the existing social, economic and environmental conditions are as follows:

Insignificant: There is either no impact or the effects of the impact would be slight and localized. The impacts, if any, would be far below any applicable regulatory standards.

Minor: Impacts would be slight, localized, and below or within the applicable regulatory standards. The potential adverse effects caused by the impact would be negated by mitigation measures.

Moderate: Impacts would be localized and regional and would require mitigation to reduce the potential adverse effects.

Major: There would be substantial impacts both locally and regionally that would exceed the applicable regulatory standards. In order to offset the adverse effects and reduce impacts, mitigation measures would be required.

TABLE 1
Findings of the Environmental Assessment, Country Village Northeast

Element	Impact Rating				Mitigation	Agency Coordination/ Permits	Comments
	Insignificant	Minor	Moderate	Major			
Geology and Soils	X				Implement Construction BMPs to reduce sedimentation.		
Land Use and Planning	X						The Proposed Action conforms with the current land use of the site.
Zoning	X						The Proposed Action conforms with the current zoning of the site.
Prime Farmland	X						Prime Farmland Soils exist; however, the site is located in an urban area so FPPA does not apply.
Floodplain Encroachment	X						Flood Insurance Rate Maps were reviewed on FEMA's website. The site is not located in the 100 year floodplain.
Traffic and Parking		X					The proposed Action may have a minor impact on traffic.
Public Health and Safety		X			Safety plans and procedures will be developed to assure the safety of individuals working on site development activities, transporting the housing units to the site, and the well-being of the residents living in or adjacent to the temporary housing site. Fire and police protection will be provided by the City of Coffeyville.		
Environmental Justice	X						The proposed Action will have no adverse impacts on low income, minority or elderly populations.
Air Quality		X			Minimize unnecessary idling of construction equipment, cover dust producing materials during transport, limit dust producing construction activities during strong winds, and wet down soils and rocks to minimize dust particles.		Montgomery County, Kansas is in attainment for criteria pollutants per the Clean Air Act.

TABLE 1
Findings of the Environmental Assessment, Country Village Northeast

Element	Impact Rating				Mitigation	Agency Coordination/ Permits	Comments
	Insignificant	Minor	Moderate	Major			
Noise Impacts	X	X			Perform loud construction activities during daylight hours and only operate the construction equipment as necessary.		Insignificant impact: occurs after site preparation and construction is completed. Minor impact: occurs during site preparation and construction.
Public Services and Utilities		X					Electrical, potable water, and sanitary sewer utilities will have increased loads, however, these are expected to be within available capacity.
Water Quality	X				Implement Construction BMPs to reduce sedimentation.	NPDES Stormwater Runoff from Construction general permit S-MCST-0701-1 required.	
Wetlands (Executive Order 11990)	X						There are no wetlands located on the proposed site.
Threatened and Endangered Species (Endangered Species Act section 7)	X					USFWS and KDWP determination of "No further comments or concerns" received on 08/23/07 and 08/28/07, respectively	
Vegetation, Wildlife, and Aquatic Resources	X					USFWS and KDWP determination of "No further comments or concerns" received on 08/23/07 and 08/28/07, respectively	
Cultural Resources (National Historic Preservation Act Section 106)	X					SHPO determination of "No Effect" received on 08/30/07	
Hazardous Materials and Waste	X						EDR report dated 08/27/07 found no sites of concern; therefore, the report verified the findings of the field investigation

Geology and Soils

The proposed project falls within the Osage Cuestas region of the Central Irregular Plains ecoregion of Kansas. The Osage Cuestas region is characterized by gently undulating cuesta plain composed of several alternating layers of limestone, shale, and sandstone.

According to the NRCS Soil Survey for Montgomery County, Kansas, the proposed project site is composed of the following soils: Kenoma Silt Loam, 0 to 1 percent slopes, Dennis silt loam, 1 to 3 percent slopes, and Zaar silty clay, 0 to 1 percent slopes.

Kenoma silt loam makes up approximately 97 percent of the soil within the proposed site. The soil is moderately well drained with no frequency of ponding or flooding. Kenoma Silt Loam, 0 to 1 percent slope soil is classified as hydric by the NRCS when it is located in depressions or drainageways; however, since the topography of the project site is flat with no depressions or drainageways, the soil is unlikely to be hydric. Kenoma Silt Loam, 0 to 1 percent slope soil is listed as a prime farmland soil for Montgomery County, KS.

Zaar silty clay makes up approximately 2 percent of the soil within the proposed site. The soil is deep, somewhat poorly drained, and very slowly permeable on uplands. These soils have a silty clay surface layer and firm, very firm, or extremely firm silty clay subsoil. This soil map unit is not highly erodible. Zaar silty clay, 0 to 1 percent slopes soil is classified as hydric by the NRCS when it is located in depressions or drainageways; however, since the topography of the project site is flat with no depressions or drainageways, the soil is unlikely to be hydric. Zaar silty clay 0 to 1 percent slopes soil is listed as a prime farmland soil for Montgomery County, KS.

Dennis silt loam soils are deep, gently sloping, moderately well drained, slowly permeable, and occur on uplands. These soils have a silt loam surface layer and a friable or firm silty clay loam and firm or very firm silty clay subsoil. This map unit is potential highly erodable. This map unit is not listed as a hydric soil for Montgomery County, KS. Dennis silt loam 1 to 3 percent slopes soil is listed as a prime farmland soil for Montgomery County, KS.

The Proposed Action will have an insignificant impact to existing geology and soils.

The No Action Alternative would not involve the construction of FEMA emergency temporary group housing for flood victims; therefore, there would be no impacts to existing geology and soils.

Land Use and Planning

The proposed site is located within the City of Independence, Kansas incorporated city limits and is currently composed of vacant lots within a housing subdivision. The subdivision consists of three houses and excavations made to pour the foundations for two more houses.

Zoning

The proposed site is zoned as R-1, large lot single family dwelling district. This zoning district does not allow for the use mobile homes or mobile home parks; however, the City of Independence has passed a temporary zoning variance allowing for the placement of FEMA emergency temporary mobile homes on the proposed site. Due to the passing of the temporary zoning variance, the Proposed Action will have no zoning impacts.

The No Action Alternative would not involve the construction of FEMA emergency temporary group housing for flood victims; therefore, there would be no zoning impacts.

Prime Farmland

Prime farmland is protected under the Farmland Protection Policy Act (FPPA) of 1981 which requires federal agencies to take any necessary steps to minimize the extent that federal actions *"contribute to the unnecessary and irreversible conversion of farmland to non agricultural uses."* The FPPA also assures that *"Federal programs are administered in a manner that, to the extent practicable, will be compatible with State, unit of local government, and private programs and policies to protect farmland."*

Prime farmland is defined by the United States Department of Agriculture (USDA) in the FPPA as *"land that has the best combination of physical and chemical characteristics for producing food, feed, fiber, forage, oilseed, and other agricultural crops with minimum inputs of fuel, fertilizer, pesticides, and labor, and without intolerable soil erosion, as determined by the Secretary"* (of agriculture). According to the FPPA, prime farmland *"does not include land already in or committed to urban development or water storage."*

Although the soil that comprise the study area is classified by the NRCS as prime farmland soil, no mitigation is required under the FPPA because the land is already committed to urban development; therefore, the Proposed Action will have no impacts to prime farmland.

The No Action Alternative would not involve the construction of FEMA emergency temporary group housing for flood victims; therefore, there would be no prime farmland impacts.

Floodplain Encroachment

The State of Kansas participates in the National Flood Insurance Program (NFIP). Any development that is within a special flood hazard area as identified by FEMA must meet the requirements of the State of Kansas rules and regulations K.S.A. 12-766. This would require obtaining a flood development permit for the project, which must be obtained from the Kansas Department of Agriculture, Division of Water Resources prior to the commencement of construction activity.

Section 60.3(d)(3) of the NFIP regulations states that a community shall *"prohibit encroachments, including fill, new construction, substantial improvements, and other developments within the adopted regulatory floodway unless it has been demonstrated through hydrologic and hydraulic analyses performed in accordance the standard engineering practice that the proposed encroachment would not result in any increase in flood levels within the community during the occurrence of the base (100-year) flood discharge."*

These regulations would require that a "no-rise" certification be obtained before any development permits can be obtained if construction activities occur within the floodplain.

The proposed project site is not located within a mapped floodzone as shown on FEMA Flood Hazard Boundary Map Community – Panel No. 2005950003A; therefore, the Proposed Action would have no impacts to floodplains.

The No Action Alternative would not involve the construction of FEMA emergency temporary group housing for flood victims; therefore, there would be no impacts to floodplains.

Traffic and Parking

The proposed project is not expected to significantly impact the traffic or parking within the area. The inhabitants of the proposed emergency group housing development have a separate access road to the subdivision and will not have access to the entrance road leading to the existing houses in the

subdivision.

The parking will not be adversely impacted as each mobile home will be equipped with its own parking area adjacent to the residence.

The No Action Alternative would not involve the construction of FEMA emergency temporary group housing for flood victims; therefore, there would be no impacts to traffic and parking.

Public Health and Safety

The safety issues investigated as part of the proposed project include the following:

- safety of the individuals performing the site preparation and construction;
- safety of the individuals transporting the manufactured homes to the proposed site, and;
- safety of the residents living in or near the proposed site.

Safety plans and procedures will be developed to ensure the safety of individuals working on site development activities, transporting the housing units to the site, and the well-being of the residents living in or adjacent to the temporary housing site.

To provide safety and security to the residents of the proposed site, fire and police protection will be provided by the City of Independence.

The mobile home units will be installed to comply with the appropriate manufacturer's requirements; the most recent safety procedures required by FEMA as well as federal, state, and local codes and ordinances including safety precautions in regards to potential severe weather events.

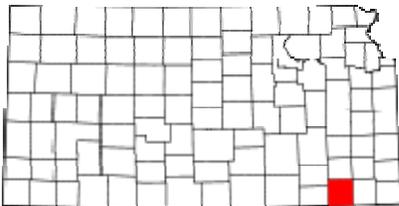
It is anticipated that the Proposed Action will have a minor public health and safety impact.

The No Action Alternative would not involve the construction of FEMA emergency temporary group housing for flood victims; therefore, there would be no impacts to traffic and parking.

Socioeconomic Issues

Overall, the population of Independence is predominantly Caucasian (87 percent), with a 13 percent minority population. The percent of families below poverty is 11.4 percent and 13.1 percent of individuals are below poverty. Overall, the population of the census tract where the site is located is predominantly Caucasian (80.5 percent), with a 19.5 percent minority population. The population below poverty is 18.3 percent in the census tract compared to 13.1 percent overall in Independence. The Proposed Action will not adversely impact low income or minority populations; therefore the higher percentage of minorities and low income people in the census tract is not a concern.

Socioeconomic Indicators



PROFILE: Montgomery County, KS

According to the U.S. Census 2000 data, there were 36,252 people, 14,903 households, and 9,954 families residing in the county. Census population projections for July 2006 estimate a population of 34,692, a decline of 4.3 percent. Prior to the disaster event, the population density was 56.2 persons per square mile. There were 17,207 housing units at an

average density of 26.7 per square mile.

The racial makeup of the county was 85.8 percent White, 6.1 percent Black or African American, 3.2 percent Native American, 0.5 percent Asian, 1.1 percent from other races, and 3.3 percent from two or more races. Hispanic or Latino, of any race, comprised 3.1 percent of the population.

There were 14,903 households, out of which 29.8 percent had children under the age of 18 living with them, 53 percent were married couples living together, 10.1 percent had a female householder with no husband present, and 33.2 percent were non-families. Of the households, 32.5 percent contained individuals under 18 years of age and 30.6 percent had someone living alone who was 65 years of age or older. The average household size was 2.37 and the average family size was 2.93. The median age was 39.2 years.

The median income for a household in the County was \$30,997, and the median income for a family was \$38,516. The per capita income for the county was \$16,421. About 9.2 percent of families and 12.6 percent of individuals were below the poverty line, including 16.8 percent of those under age 18 and 10.9 percent of those aged 65 or older.

The labor force in Montgomery County totaled approximately 17,904 in July 2007, which represents a decline of 3.1 percent from June 2000. According to the 2000 Census, the primary industries providing employment are

- Manufacturing (26.1 percent)
- Educational, health and social services (20 percent)
- Retail Trade (12 percent)

The unemployment rate as of July 2007 was 6.3 percent. This is one of the highest unemployment rates in the State of Kansas. According to the 2000 Census, the primary classification of workers was as follows private wage or salary (79.4 percent), government (12.6 percent), Self-employed, not incorporated (7.4 percent), and unpaid family work (0.6 percent)

Data from the Montgomery County Action Council show that as of 2002, the top four employers in Montgomery County were:

- Cessna (1000)
- Amazon (650)
- Coffeyville Regional Medical Center (420)
- Walmart (469-both Coffeyville and Independence locations)

PROFILE: City of Independence, KS

According to U.S. Census 2000 data, there were 9,846 people, 4,149 households, and 2,610 families residing in the city. Census population projections for July 2006 estimate a population of 9,317, a decline of 5.4 percent. Prior to the disaster event, the population density was 1,979 persons per square mile. There were 4,747 housing units at an average density of 954 per square mile.

The racial makeup of the city was 87 percent White, 7.2 percent Black or African American, 1.2

percent Native American, 0.6 percent Asian, 1.1 percent from other races, and 2.9 percent from two or more races. Hispanic or Latino, of any race, comprised 3.8 percent of the population.

There were 4,149 households, out of which 32.8 percent had children under the age of 18 living with them, 46.8 percent were married couples living together, 12.3 percent had a female householder with no husband present, and 37.1 percent were non-families. Of the households, 32.8 percent contained individuals under 18 years of age and 29.7 percent had someone living alone who was 65 years of age or older. The average household size was 2.32 and the average family size was 2.93. The median age was 37.4 years.

The median income for a household in the city was \$29,574, and the median income for a family was \$37,134. The per capita income for the city was \$15,496. About 11.4 % of families and 13.1 percent of individuals were below the poverty line, including 18.7 percent of those under age 18 and 13.2 percent of those aged 65 or older.

The labor force in Independence totaled approximately 4,637 in 2000. According to the 2000 Census, the primary industries providing employment are:

- Manufacturing (25.3 percent)
- Educational, health and social services (19.4 percent)
- Retail Trade (13.1 percent)

The unemployment rate in 2000 in the City of Independence was 2.9 percent. According to the 2000 Census, the primary types of workers were: private wage or salary (78 percent), Government: (13.1 percent), self-employed, not incorporated: (7.7 percent), unpaid family work: (0.3 percent).

Data from the Montgomery County Action Council show that as of 2002, the top four employers in the city of Independence are:

- Cessna (1000)
- Standard Motor Products (385)
- Unified School District #446 (325)
- Walmart (280)

Environmental Justice

Executive Order 12898 requires federal agencies to evaluate the impact of activities, policies and programs on minority and low income populations in the United States. Any negative health or environmental impacts on these populations must be addressed through mitigation or alternative actions.

This Proposed Action will have no adverse health or environmental impacts on elderly, minority, or low income populations. Low income, elderly and minority disaster victims without the resources to quickly rebuild would benefit from expeditious installation of housing near their damaged dwelling, employment and amenities.

The No Action Alternative would entail no construction or preparation of sites for FEMA emergency temporary group housing of flood victims; therefore there would be no impacts to the elderly,

minority or low-income populations.

Air Quality

Montgomery County, Kansas is considered an attainment area for all criteria air pollutants. The proposed project would produce a minor, localized, temporary air quality impact during construction, caused by vehicle emissions and fugitive dust emissions. Vehicle emissions in the area would temporarily increase due to the following factors:

- increased tractor-trailer traffic while the manufactured homes are being transported to the proposed site;
- operation of construction equipment during site preparation, and;
- increased vehicle traffic upon habitation by the flood victims.

The operation of construction equipment during site preparation would likely create an increase in pollutant emissions. The construction equipment would produce small amounts of hydrocarbons and exhaust fumes; however, the concentrations produced would not be enough to cause the region to become a nonattainment area.

Dust particulates would likely be increased during the proposed construction activities; however, best management practices (BMPs) would be implemented to minimize the temporary impact during construction and site preparation activities. Examples of BMPs that could be utilized include the following:

- cover dust producing materials during transport;
- limit dust producing construction activities during high wind events, and;
- spray water on unvegetated areas to minimize dust.

The Proposed Action will cause a minor air quality impact; however the use of the above BMPs will minimize the impact.

The No Action Alternative would not involve the construction of FEMA emergency temporary group housing for flood victims; therefore, there would be no impacts to air quality.

Noise Impacts

A review of the proposed site location and adjacent sites current zoning data, and a field reconnaissance search was performed to identify sensitive noise receptors. Three homes are located in the subdivision and there is a small residential area within 500 feet to the north of the proposed site

The Proposed Action will produce minor, temporary noise impacts during the site preparation and construction at the proposed site due to the operation of construction equipment. In order to minimize the noise impacts caused by construction, loud construction activities will be performed only during the daylight hours; however, due to the expedited nature of this proposed project, some construction activities could take place on a 24-hour schedule.

After the site preparation and construction phase of the Proposed Action is completed, there will be insignificant noise impacts caused by an increase of inhabitants in the area.

The No Action Alternative would not involve the construction of FEMA emergency temporary group housing for flood victims; therefore, there would be no noise impacts.

Public Services and Utilities

There are public utilities and services in the vicinity of the proposed site; however, since work will be required to serve the temporary emergency housing with all utilities, the Proposed Action would produce a minor impact to public services and utilities, as described below.

Electrical Utility

Electrical for the Country Village Northeast FEMA temporary emergency housing site will be provided by Westar.

Westar has a 138 KV transmission line with a 12.47 KV, 4 wire, 3 phase, grounded wye, single distribution underbuild running north-south immediately adjacent to the west side of the property. The offsite easement width appears to be 100 feet. Towards the northwest corner of the site, there is an intermediate distribution pole with a 25 KVA single phase pole top transformer with a 120/240 V secondary winding. The secondary feeds the Country Village office located on the west adjacent lot through a secondary underground service.

The distribution line is 47 7 MCM ACSR (Aluminum Conductor Steel Reinforced). Four transmission structures are installed in an easement adjacent to the site. Westar prefers to add intermediate distribution poles with primary risers to feed the site anywhere along their line. Should underground distribution be installed, Westar prefers primary cable to be installed in conduit to pad mounted transformers. The secondary can be routed to multigang metering points throughout the site. Either fused disconnect switches or breakers can be used after the metering points. Also, the secondary service can be direct buried.

Westar's distribution line is connected to a 14 MVA substation. The current for the feeder routed through the site on 8/16/07 around 2:00 P.M. was 6.8 amps, which makes the load on the line about 147 KVA. Capacity for this distribution line in order to feed the proposed site should therefore be available.

Potable Water

The City of Independence owns and operates a municipally owned water treatment and distribution facility. This site is located within an existing subdivision (Country Village). Water lines have been previously installed in the developed portion of the subdivision. An existing retail facility (Wal-Mart) is located north of the proposed site. An existing water main is located north of Maple Street, running parallel with the street. Water service lines and water taps would be located from the landowner's existing 8 inch water main to accommodate both the service required for temporary housing and his longer term objective to continue with his subdivision. Data available from the City indicates that an existing fire hydrant in this area has been tested to supply over 750 gpm with a residual pressure of 22 psi. The capacity of this existing water line should be sufficient to supply the potable water, approximately 12,000 gallons per day (gpd), and the fire protection requirements for the group site facilities.

Sanitary Sewer

It is reasonable to anticipate that 100 % of the water used will enter the sanitary sewer system.

The City of Independence owns and operates a municipally owned wastewater collection and treatment system. The developed portion of the Country Village subdivision is served by a gravity collection system, which is part of the municipal system. An 8 inch diameter gravity collection line, placed on the minimum allowable slope has a calculated capacity of 0.5 mgd. (500,000 gpd) This is well in excess of the anticipated loading of 12,000 gpd.

Sewer taps would be connected to the landowner's existing 8 inch sewer main to accommodate both the service required for temporary housing and his longer term objective to continue with subdivision development after the FEMA mobile homes have been de-mobilized.

Natural Gas

Since the manufactured homes do not require natural gas, the Proposed Action will have no impact to the natural gas systems in the City of Independence, Kansas.

The No Action Alternative would not involve the construction of FEMA emergency temporary group housing for flood victims; therefore, there would be no public services or utility impacts.

Water Quality

The Kansas Department of Health and Environment (KDHE) regulates surface water and groundwater quality within the State of Kansas. The KDHE, U.S. Geological Service (USGS), and others collect and analyze water quality data for numerous lakes, streams, and rivers throughout Kansas. The USGS maintains a number of National Pollutant Discharge Elimination System (NPDES) gauging stations to collect monthly hydrologic and chemical data for monitoring water quality within the state.

Stream water quality reflects the land uses within its watershed. Due to the largely urban location of the study area and surrounding properties, area water quality is most likely influenced by stormwater runoff in urbanized areas (non-point sources). Other likely pollution sources impacting water quality in the watershed include domestic sewerage collection system failures, stormwater runoff in land development areas, and agricultural runoff.

No water bodies are located within the area to be constructed although an Unnamed Tributary to Rock Creek is located approximately 0.2 miles east of the proposed FEMA emergency temporary group housing site.

Where present in the City, the stormwater infrastructure is typically municipally owned. Other than open ditches and crossroad culverts, no stormwater infrastructure appears to be located in the immediate area of the Proposed Action. Overland flow of stormwater runoff at the proposed facility is anticipated. The site has a gentle slope that will serve to facilitate a stormwater drainage pattern with minimum disruption of the site.

In order to minimize stormwater pollutants from the construction activities of the Proposed Action that would impact one acre or more in the State of Kansas a NPDES Permit would be required to be obtained from KDHE. The General NPDES Permit is obtained by developing a Stormwater Pollution Prevention Plan (SWPPP) that implements a series of BMPs (e.g., silt fences, hay bales, etc.). Sediment and erosion control BMPs will be implemented to reduce or eliminate runoff impacts onto adjacent properties or into the municipal storm sewer system during proposed construction activities and to reduce the potential for soil erosion after completion of construction.

Anticipated project activities for construction and operation of the Proposed Action are not expected to produce significant adverse impacts to local area water quality.

The No Action Alternative would not involve the construction of FEMA emergency temporary group housing for flood victims; therefore, there would be no impacts to water quality.

Biological Resources

Wetlands

Wetlands are defined as "areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas" (33 CFR 328.3 (b)). Wetlands are considered to be "Waters of the U.S." and are regulated by the U.S Army Corps of Engineers (USACE) under Section 404 of the Clean Water Act. Additionally, Executive Order 11990 requires all federal agencies to minimize impacts to wetlands when conducting specific activities and when federal permits are required.

During the field investigation, no potential wetlands were observed; however, a wetland delineation has not been performed as part of this assessment.

EDR conducted a wetland database search using the U.S. Fish and Wildlife Service National Wetland Inventory Database; as can be seen on the National Wetlands Inventory Map (page 10 of the EDR NEPA Check report located in Appendix C) and no wetlands were located on the proposed site. The EDR findings verified the findings of the August 21, 2007 field investigation.

Since no wetlands are present in the vicinity of the proposed site, neither the Proposed Action nor the No Action Alternative would impact any wetlands.

Threatened or Endangered Species

Section 7 of the Endangered Species Act (ESA) requires all federal agencies to consider and avoid, if possible, adverse impacts to federally-listed threatened or endangered species or their critical habitats, which may result from their direct, regulatory, or funding actions. The U.S. Fish and Wildlife Service (USFWS) is responsible for compiling and maintaining the federal list of threatened and endangered species. Section 9 of the ESA also prohibits the "taking" of any federally-listed species by any person without prior authorization. The term "taking" is broadly defined at the federal level and explicitly extends to any habitat modifications that may significantly impair the ability of that species to feed, reproduce, or otherwise survive.

USFWS was consulted on August 22, 2007 to determine the presence or absence of federally-listed Threatened or Endangered Species within or adjacent to the project study area. USFWS letter dated August 23, 2007 provided their conclusion: "no concerns or comments regarding the proposed site."

Similarly, the Kansas Department of Wildlife and Parks (KDWP) was consulted on August 22, 2007 to determine the presence or absence of state-listed Threatened or Endangered Species within or adjacent to the project study area. The KDWP letter dated August 28, 2007 concluded: "no state-listed threatened or endangered species or critical wildlife habitats should be significantly affected."

Since no federal- or state-listed threatened or endangered species or critical wildlife habitats are present in the vicinity of the proposed site, neither the Proposed Action nor the No Action Alternative would impact any threatened or endangered species or critical wildlife habitats.

Vegetation, Wildlife and Aquatic Resources

As indicated in the above section, no federal- or state-listed threatened or endangered species or critical wildlife habitats were located in the vicinity of the proposed site, based on both state and federal regulator findings.

As indicated in the section on wetlands, no wetlands were located on the proposed site, based on recorded information and as confirmed during the site field investigation.

It is concluded, therefore, that neither the Proposed Action nor the No Action Alternative would impact any vegetation, wildlife and aquatic resources.

Cultural Resources

A body of federal and state laws mandate that the development process for federally-funded projects takes into consideration cultural resources which may be affected by proposed activities. Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended, requires the lead federal agency with jurisdiction over a federal, federally assisted, or federally-licensed undertaking to consider their impacts to historic properties before undertaking a proposed project. A historic property is defined as any prehistoric or historic district, archeological site, building, structure, or object included in, or eligible for, inclusion in the National Register of Historic Places (NRHP).

The implementing regulation of Section 106, issued by the Advisory Council on Historic Preservation (ACHP), is 36 CFR Part 800. The regulation establishes a process of identifying all cultural resources that may be impacted by the undertaking and evaluating the eligibility of these properties for listing to the NRHP; assessing the effects of an undertaking on historic properties, and consultation for methods to avoid, reduce, or mitigate any adverse effects to NRHP listed or eligible properties. The ACHP and NEPA consider historic sites or properties to include prehistoric and historic period archaeological sites and historic structures.

Section 106 consultation with the Kansas State Historical Society (KSHS), the state agency with authority under 36 CFR Part 800, was initiated on August 22, 2007.

Historic Properties

KSHS response letter dated August 30, 2007 concludes: "the proposed project will have no effect on historic properties as defined in 36 CFR 800" and "This office has no objection to implementation of the project."

The No Action Alternative would not involve the construction of FEMA emergency temporary group housing for flood victims; therefore, there would be no impacts to historic properties.

Archaeological Resources

Although the KSHS response letter did not specifically note archaeological resources, they did indicate no objection to the proposed project.

The No Action Alternative would not involve the construction of FEMA emergency temporary group housing for flood victims; therefore, there would be no impacts to archaeological resources.

Hazardous Materials and Waste

TSC reviewed information gathered from several environmental databases through EDR to evaluate whether activities on or near the subject property have the potential to create a Recognized Environmental Condition (REC). EDR reviews databases compiled by federal, state, and local governmental agencies. A Property Study was completed by EDR, the limits of which include the American Society for Testing and Materials (ASTM) Standard Search Distance for the subject property. The search area and complete list of databases reviewed by EDR was provided in a report, dated August 27, 2007, which was obtained and reviewed by TSC, and included in Appendix C.

Eight sites were plotted in the EDR report. Of the eight sites, seven were leaking underground storage

tanks (LUST); the remaining site is listed as a state hazardous waste site and a voluntary cleanup site.

Out of the seven LUST sites, six have either been resolved or are now closed. The remaining LUST site, Miller Brothers, located at 2706 West Main Street, was reported on October 11, 1995 and is listed as still being monitored; however, being approximately 0.36 miles from the proposed site it is unlikely to pose a risk to the placement of FEMA emergency temporary group housing at the Country Village Northeast site.

The remaining site, Emerson Motor Company, located at 2400 West Laurel Street in Independence, was found to have some contaminated soil on February 29, 2000. The contaminated soil has since been removed and the site is listed as resolved with no further action required; therefore, should not pose a risk to the placement of FEMA emergency temporary group housing at the proposed site.

During the site visit, no soil staining or stressed vegetation was found on or near the proposed site.

The Proposed Action will produce an insignificant impact from hazardous materials and waste.

The No Action Alternative would not involve the construction of FEMA emergency temporary group housing for flood victims; therefore, there would be no impacts from hazardous materials and waste.

Cumulative Impacts

Cumulative impacts are those that could occur as a result of the Proposed Action when considered cumulatively with past, present and reasonably foreseeable future actions.

The Proposed Action includes the placement, utility connection and operation of an estimated 164 mobile homes at the FEMA Country Village Northeast Emergency Temporary Group Housing Site. The intent of the Proposed Action is to provide temporary housing for flood victims and remove the temporary housing after flood damages are repaired or other permanent arrangements for housing are made. The proposed site consists of vacant lot within a mostly undeveloped planned housing subdivision. The Proposed Action would be a temporary use and it is anticipated that the temporary housing would be removed in approximately eighteen months.

The cumulative impacts for the Proposed Action include: past usage as an agricultural field, current use as a partially developed housing subdivision, proposed temporary use to house flood victims, and return to a partially developed housing subdivision leaving the infrastructure for future development.

The No Action Alternative would not involve the construction of FEMA emergency temporary group housing for flood victims. The cumulative impacts include: past usage as an agricultural field, partially developed housing subdivision, and planned future use as a residential community.

Coordination and Permits

Based on the above analysis, a NPDES Stormwater Runoff from Construction Activities General Permit S-MCST-0701-1 will be required for the Proposed Action. Other city and local permits that are essential for the project will be obtained by the contractor.

Summary

The EA for the proposed Country Village Northeast FEMA Emergency Temporary Group Housing Site to be located in Independence, Kansas has determined that the Proposed Action will have no significant adverse environmental impact. Table 1 is a summary of the findings for each social, economic and environmental element considered in the EA.

Agencies Consulted

To aid in the data collection efforts for this report and to fulfill certain federal requirements, the following agencies have been consulted:

- United States Fish and Wildlife Service (USFWS);
- Kansas Department of Wildlife and Parks (KDWP);
- Kansas State Historical Society (KSHS);
- Federal Emergency Management Agency (FEMA), and;
- Natural Resources Conservation Service (NRCS).

References

Advisory Council on Historic Preservation. (2000) 36 CFR Part 800. Protection of Historical Properties. 65 FR 77725, Dec. 12, 2000.

Board of Commissioners, City of Independence, KS. (2007) Code of Ordinances, Ordinance No. 3981, adopted 1/25/2007, et seq.

Corps of Engineers, Environmental Laboratory. (1987) Corps of Engineers Wetlands Delineation Manual; Technical Report Y-87-1, U.S. Army Engineers Waterways Experiment Station, Vicksburg, Mississippi, 1987.

Council on Environmental Quality. (1978) Regulations for Implementing the Procedural Provisions of the National Environmental Policy Act. 40 CFR Parts 1500-1508. 43 FR 55994. November 29, 1978.

United States Environmental Protection Agency, Air Quality Attainment Website, <http://www.epa.gov/ebtpages/airairqualityattainment.html>, accessed on August 27, 2007.

Federal Emergency Management Agency (FEMA). (1976) Flood Insurance Rate Map: Montgomery County, Kansas; Community – Panel No. 2005950003A.

Chapman, Shannen S., Omernik, James M., Freeouf, Jerry A., Huggins, Donald G., McCauley, James R., Freeman, Craig C., Steinauer, Gerry, Angelo, Robert T., and Schlepp, Richard L., 2001, Ecoregions of Nebraska and Kansas (color poster with map, descriptive text, summary tables, and photographs): Reston, Virginia, U.S. Geological Survey (map scale 1:1,950,000).

National Environmental Policy Act. Public Law 91-190, 42 U.S.C. 4321-4347 as amended.

National Historic Preservation Act (NHPA). (1966) Public Law 89-665, 16 U.S.C. 470 as amended.

Natural Resource Conservation Service (NRCS, formerly Soil Conservation Service). (1980) Soil Survey of Montgomery County, Kansas. United States Department of Agriculture, 1980.

List of Preparers

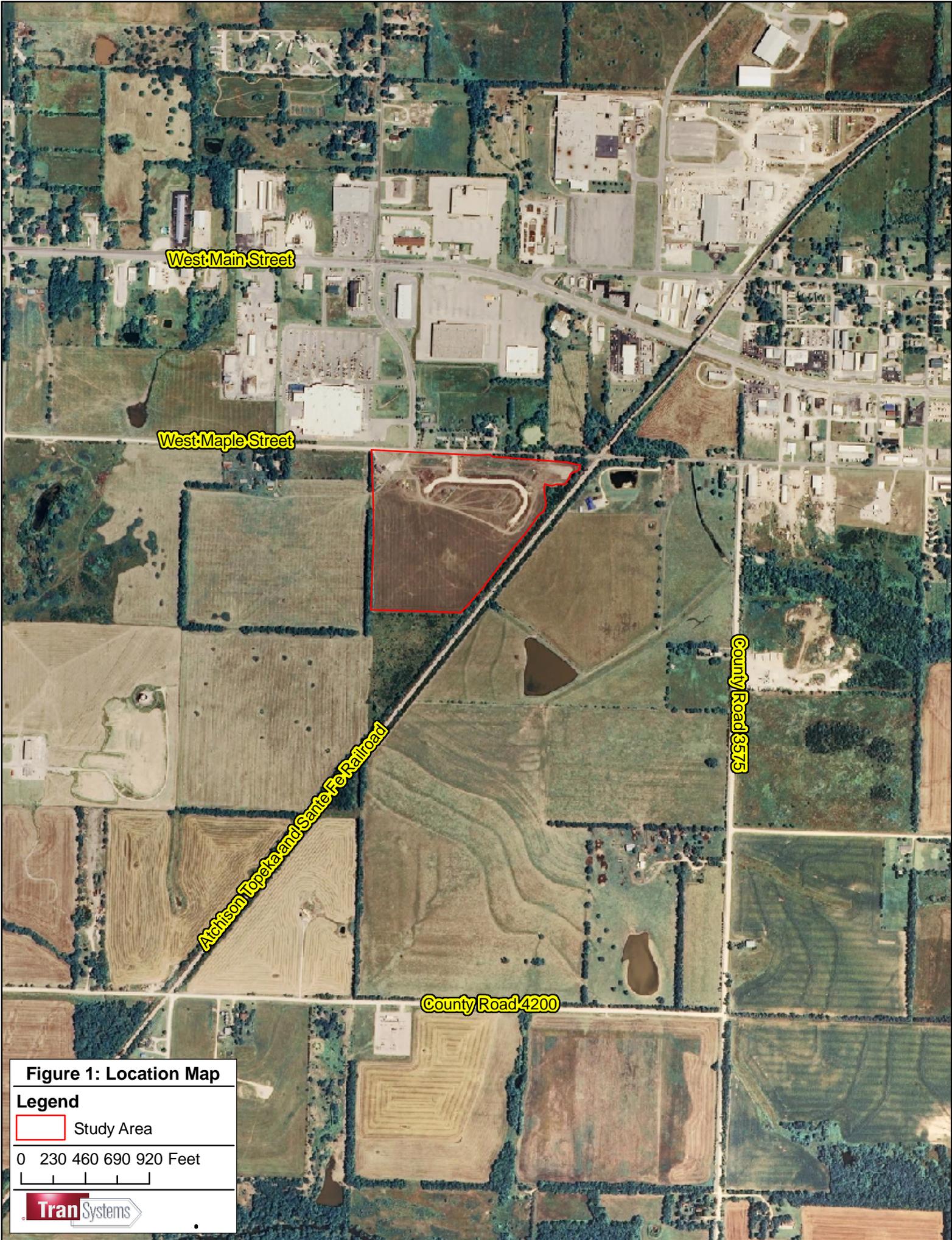
Name	Organization	Project Title
Heather Berg	Fluor Corporation	Project Environmental Manager
Jennifer Harris	Fluor Corporation	Socioeconomic Documentation
John Bednarczyk	TranSystems Corporation	Project Environmental Manager
Eric Viera	TranSystems Corporation	Primary Author and Environmental Field Investigator
John Richter	TranSystems Corporation	Environmental Documentation
Mark Reynolds	TranSystems Corporation	Electrical Documentation and Investigator
Shawn Turner	TranSystems Corporation	Utilities Documentation and Investigator
Christopher Hall	TranSystems Corporation	Utilities Documentation and Investigator

Public Notice

Note: to be inserted

Appendices

Appendix A Figures



West Main Street

West Maple Street

Atchison Topoka and Santa Fe Railroad

County Road 3573

County Road 4200

Figure 1: Location Map

Legend

Study Area

0 230 460 690 920 Feet



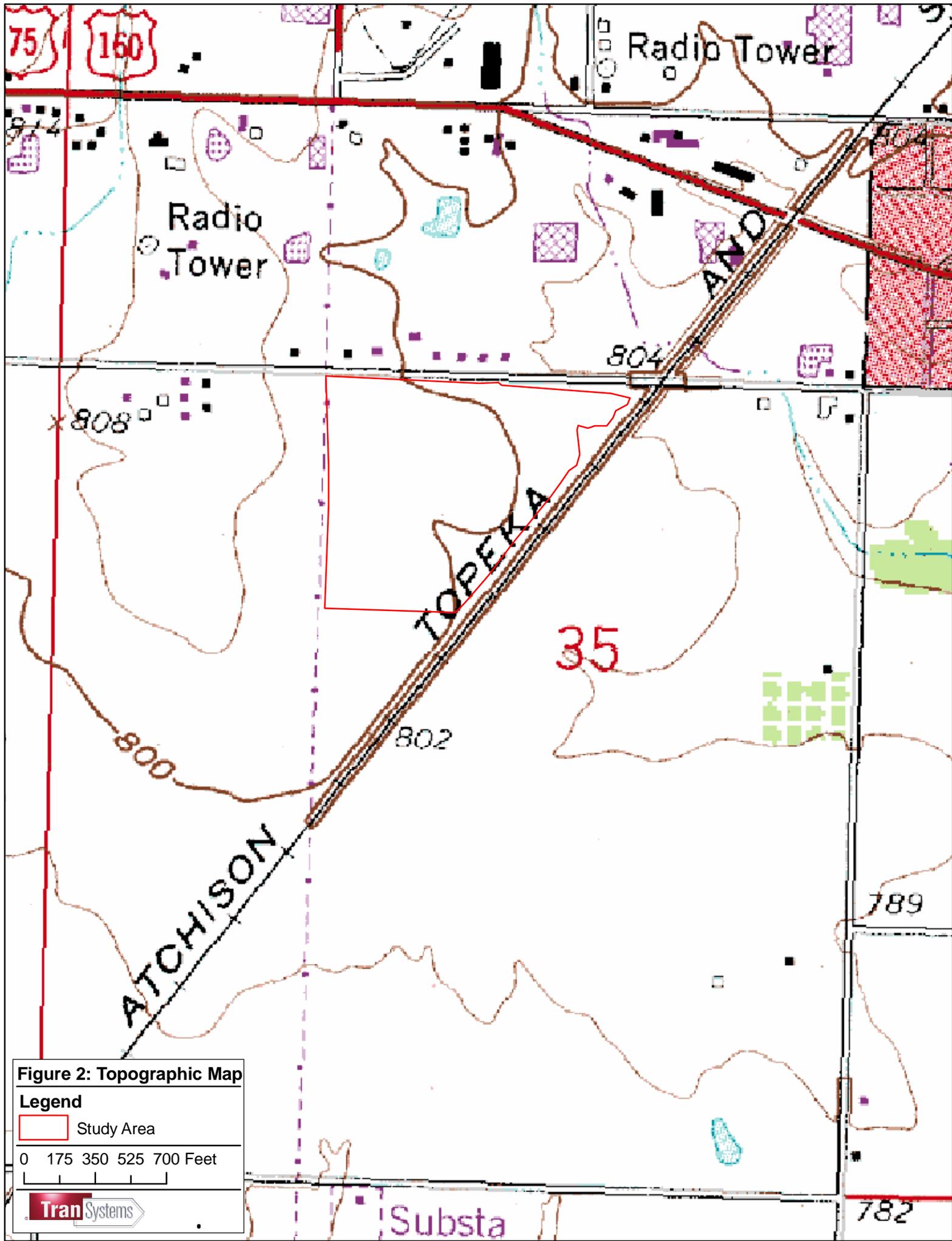


Figure 2: Topographic Map

Legend

 Study Area

0 175 350 525 700 Feet




Substa

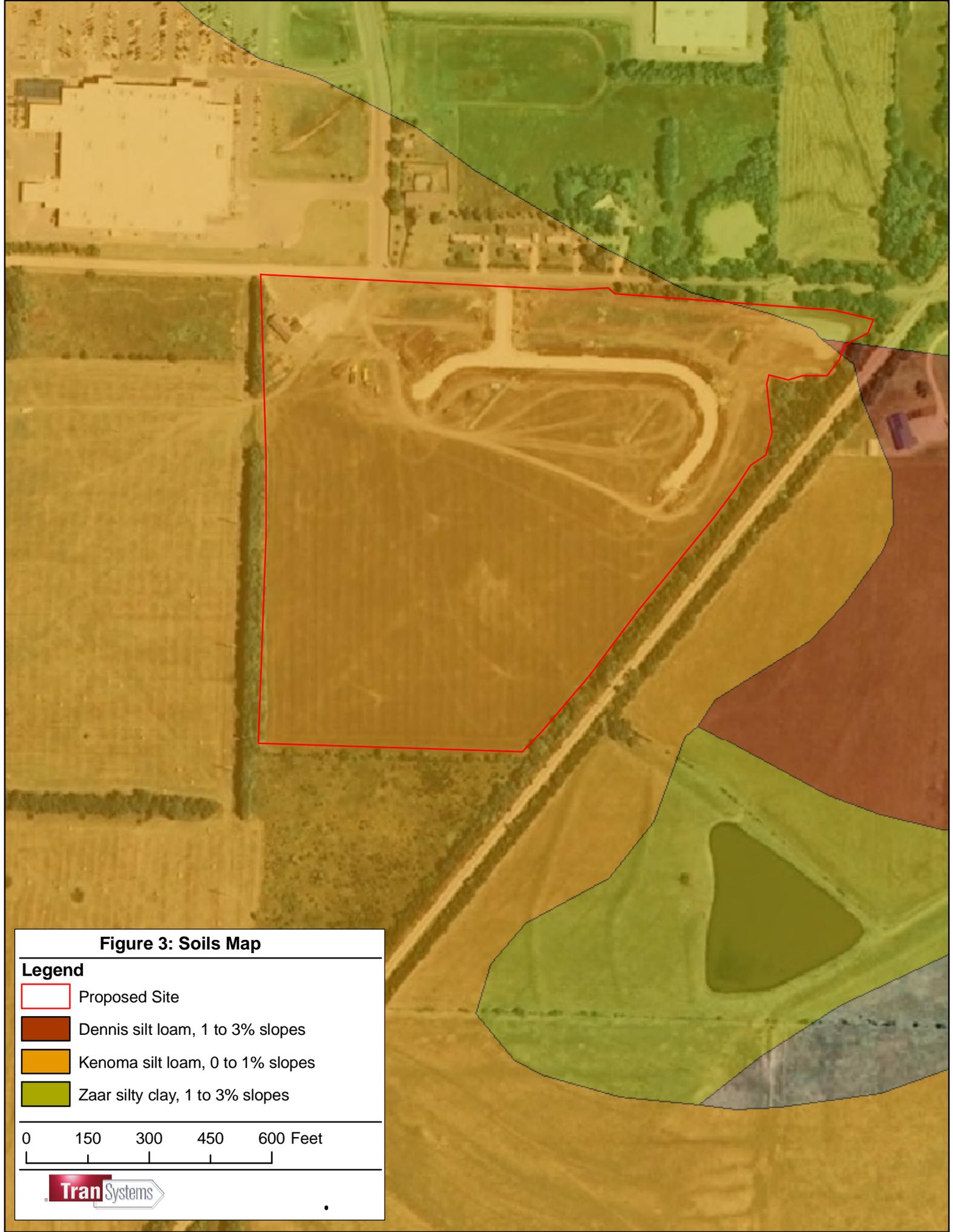


Figure 3: Soils Map

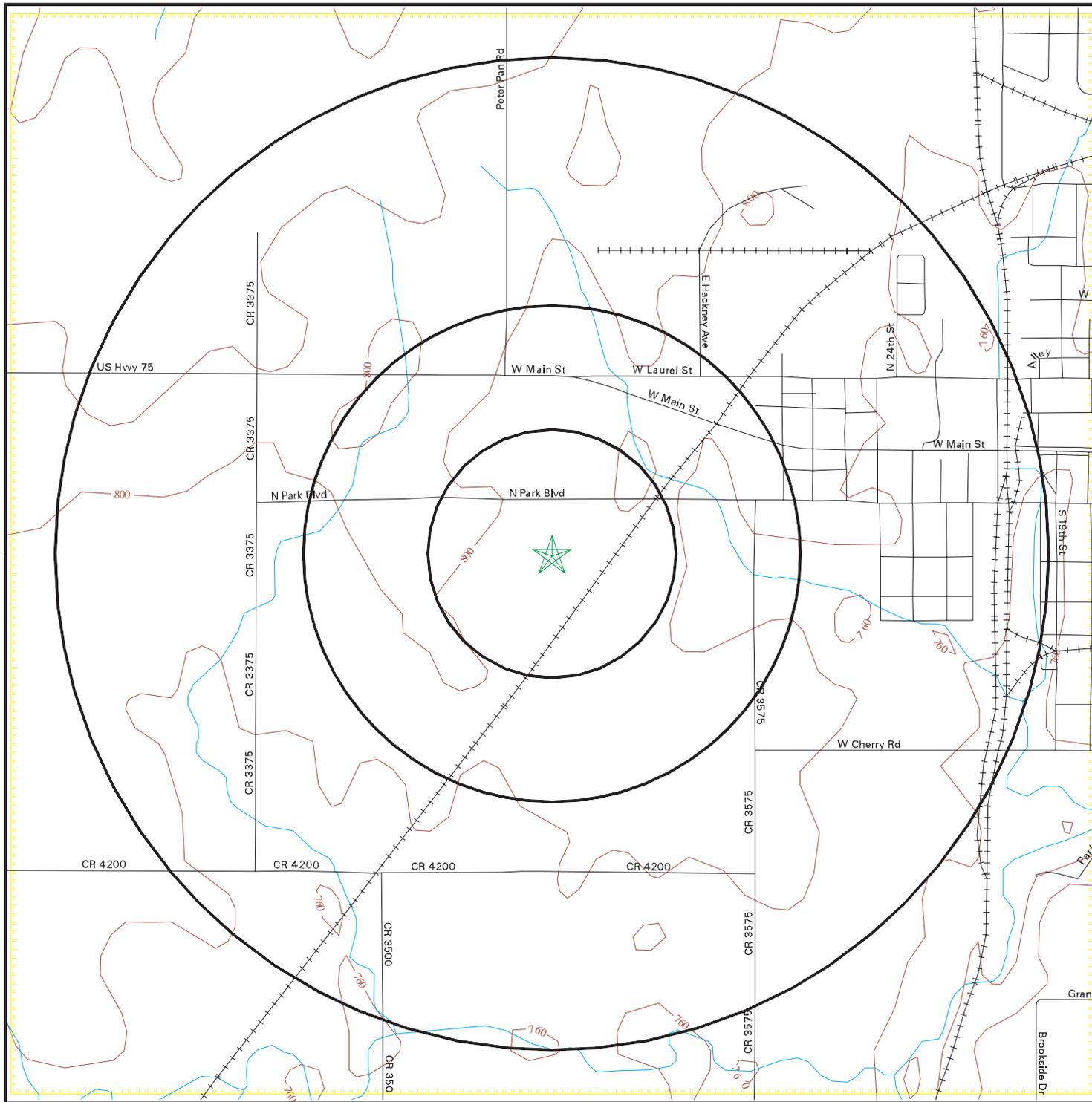
Legend

- Proposed Site
- Dennis silt loam, 1 to 3% slopes
- Kenoma silt loam, 0 to 1% slopes
- Zaar silty clay, 1 to 3% slopes

0 150 300 450 600 Feet

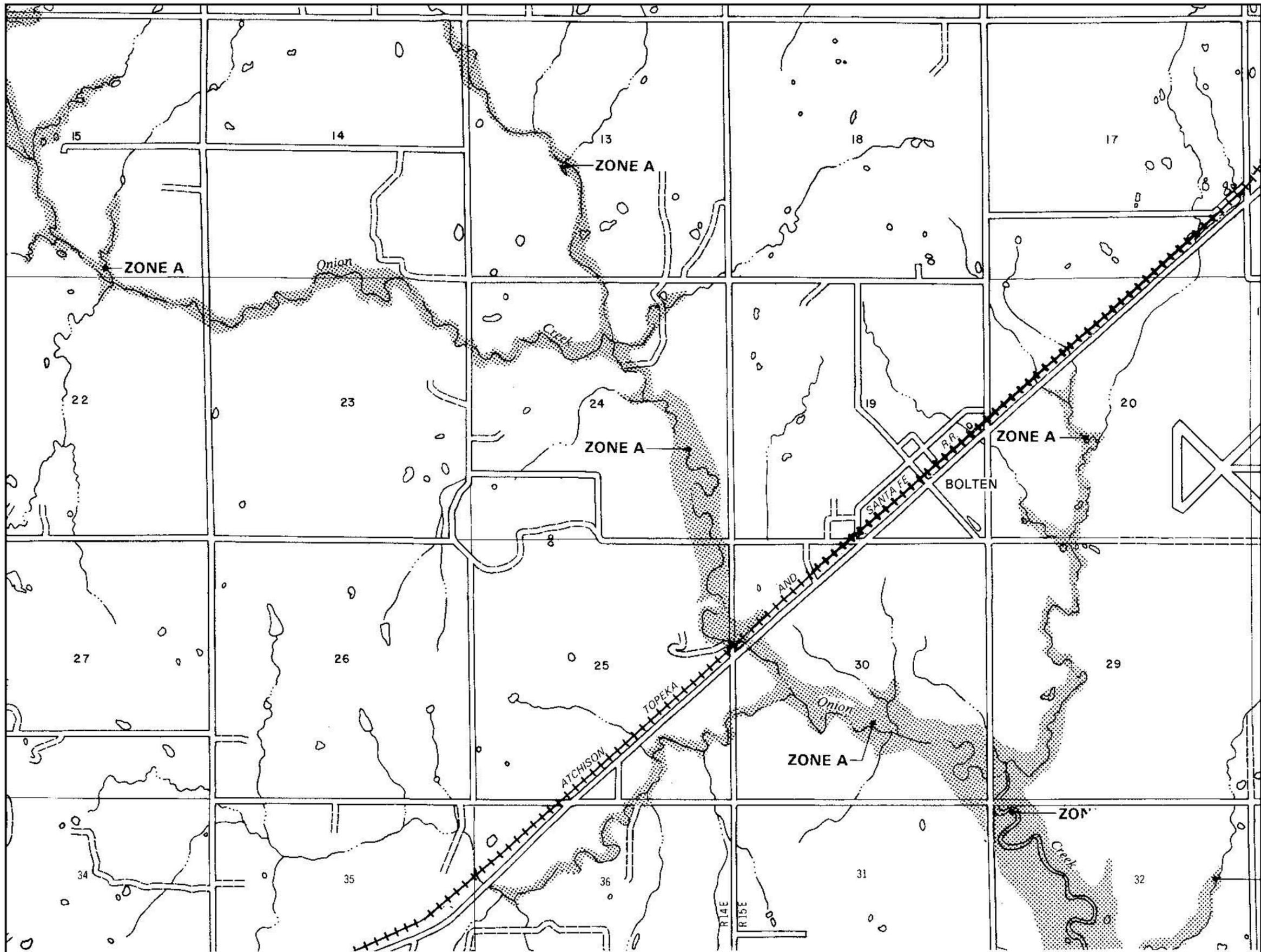


National Wetlands Inventory Map



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

<p>SITE NAME: Country Village NE ADDRESS: West Maple Street/Chase Drive Independence KS 67301 LAT/LONG: 37.2204 / 95.7408</p>	<p>CLIENT: Transystems Corporation CONTACT: Eric Viera INQUIRY #: 2015523.2s DATE: August 27, 2007</p> <p style="text-align: right;">TC2015523.2s Page 10 of 32</p>
--	--



FLOOD HAZARD BOUNDARY MAP

**MONTGOMERY COUNTY,
KANSAS**
UNINCORPORATED AREA
PAGE 3 OF 6
(SEE MAP INDEX FOR PAGES NOT PRINTED)

EFFECTIVE DATE:
OCTOBER 18, 1977

CONVERTED BY LETTER
EFFECTIVE 6/1/88

COMMUNITY - PANEL NO.
200595 0003 A



U.S. DEPARTMENT OF HOUSING
AND URBAN DEVELOPMENT
FEDERAL INSURANCE ADMINISTRATION

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

Appendix B Agency Coordination



Mike_LeValley@fws.gov
08/23/2007 08:23 AM

To Heather.Berg@fluor.com
cc Dan_Mulhern@fws.gov
bcc
Subject Re: FEMA Emergency Temporary Housing-Independence, KS

Ms. Berg: I have reviewed the proposed FEMA temporary group housing site at 3045 West Maple Street in Independence, KS. The U.S. Fish and Wildlife Service has no concerns or comments regarding the proposed site. The aerial photo you provided indicates the site has been previously disturbed and therefore we would not expect any impacts to federal trust fish and wildlife resources, including federally-listed threatened and endangered species. We appreciate the opportunity to review the proposed project.

Michael J. LeValley
Kansas Ecological Services Field Office Supervisor
U.S. Fish and Wildlife Service
2609 Anderson Avenue
Manhattan, KS 66502
785-539-3474, Ext. 105
785-539-8567, Fax

Heather.Berg@fluor.com

08/22/2007 05:00 PM

Mike_LeValley@fws.gov

To
cc
Subject

FEMA Emergency Temporary Housing-Independence, KS

Dear Mr. LeValley,

On July 2, 2007 President Bush declared a major disaster for the State of Kansas (FEMA-1711-DR) under the authority of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. 5121-5206 (the Stafford Act), for certain areas, including Montgomery County, due to severe storms and flooding.

The need exists to expedite the selection and development process of group site locations for temporary mobile homes for displaced individuals and families currently living in shelters and at other dispersed temporary

housing locations. The purpose of this project is to assist displaced Kansas residents in their recovery from this natural disaster by providing temporary housing.

The proposed FEMA temporary group housing site is located at 3045 West Maple Street in Independence, KS, Section 35, Township 32 South, Range 15 East. This specific site is referred to a Country Village NE. It has been previously designed and platted for a subdivision. The owner has already installed portions of the infrastructure including some roads, sanitary water collection systems, and water distribution systems. As per 44 CFR 10.8, Fluor is requesting that the United States Department of the Interior Fish and Wildlife Service determine if the project will have potential impacts on the environment, including federally listed or proposed threatened or endangered species. Attached is a topo of the area and also an aerial flood zone map showing the current development being constructed.

Due to the urgency of this situation we would appreciate your prompt attention to this matter. Please contact me with any questions or concerns you may have.

Sincerely,

Heather Berg
Environmental Scientist
Fluor Government Group
Coffeyville, KS
864-650-6562 Cell
620-330-8096 Fax
heather.berg@fluor.com

The information transmitted is intended only for the person or entity to which it is addressed and may contain proprietary, business-confidential and/or privileged material. If you are not the intended recipient of this message you are hereby notified that any use, review, retransmission, dissemination, distribution, reproduction or any action taken in reliance upon this message is prohibited. If you received this in error, please contact the sender and delete the material from any computer.

Any views expressed in this message are those of the individual sender and may not necessarily reflect the views of the company.

(See attached file: Topo_M0033_CountryVillage_20070822.pdf) (See attached file: AerialsFloodZone_M0033_CountryVillage_20070822_ZoomIn.pdf)



Topo_M0033_CountryVillage_20070822.pdf AerialsFloodZone_M0033_CountryVillage_20070822_ZoomIn.pdf



"James Larson"
<jamesl@wp.state.ks.us>
Sent by:
kdwp.env.rev@gmail.com
08/28/2007 11:27 AM

To Heather.Berg@fluor.com
cc "Deb Simon" <debs@wp.state.ks.us>
bcc
Subject Re: Fw: FEMA Emergency Temporary Housing

Dear Heather Berg:

No state-listed threatened or endangered species or crucial wildlife habitats should be significantly affected. We recommend minimizing disturbance to wildlife habitat and reseeded and landscaping with native warm season grasses, forbs, shrubs and trees. Information on how to reestablish native vegetation can be found by contacting the local conservation district <http://www.ks.nrcs.usda.gov/> or Kansas State Research and Extension office <http://www.oznet.ksu.edu/main/maps.asp>

Thank You!

--

James Larson, Ph.D.
Kansas Department of Wildlife and Parks
512 SE 25th Ave
Pratt, KS 67124-8174
W 620.672.0795
C 620.450.8311

On 8/22/07, Simon, Deb <debs@wp.state.ks.us> wrote:

>

>

>

> ----- Original Message -----

> From: Heather.Berg@fluor.com

> To: Simon, Deb

> Sent: Wednesday, August 22, 2007 3:41 PM

> Subject: FEMA Emergency Temporary Housing

>

>

> Dear Mr. Larson,

>

> On July 2, 2007 President Bush declared a major disaster for the State of
> Kansas (FEMA-1711-DR) under the authority of the Robert T. Stafford Disaster
> Relief and Emergency Assistance Act, 42 U.S.C. 5121-5206 (the Stafford Act),
> for certain areas, including Montgomery County, due to severe storms and
> flooding.

>

> The need exists to expedite the selection and development process of group
> site locations for temporary mobile homes for displaced individuals and
> families currently living in shelters and at other dispersed temporary
> housing locations. The purpose of this project is to assist displaced
> Kansas residents in their recovery from this natural disaster by providing
> temporary housing.

>

> The proposed FEMA temporary group housing site is located at 3045 West Maple
> Street in Independence, KS, Section 35, Township 32 South, Range 15 East.
> This specific site is referred to a Country Village NE. It has been
> previously designed and platted for a subdivision. The owner has already

> installed portions of the infrastructure including some roads, sanitary
> water collection systems, and water distribution systems. As per 44 CFR
> 10.8, Fluor is requesting that the Kansas Department of Wildlife and Parks
> perform an environmental review and report any objections or
> recommendations. Attached is a topo of the area and also an aerial flood
> zone map showing the current development being constructed.

> Due to the urgency of this situation we would appreciate your prompt
> attention to this matter. Please contact me with any questions or concerns
> you may have.

>
>
>
> Sincerely,

>
> Heather Berg
> Environmental Scientist
> Fluor Government Group
> Coffeyville, KS
> 864-650-6562 Cell
> 620-330-8096 Fax
> heather.berg@fluor.com
>

> -----
> The information transmitted is intended only for the person
> or entity to which it is addressed and may contain
> proprietary, business-confidential and/or privileged material.
> If you are not the intended recipient of this message you are
> hereby notified that any use, review, retransmission, dissemination,
> distribution, reproduction or any action taken in reliance upon
> this message is prohibited. If you received this in error, please
> contact the sender and delete the material from any computer.

>
> Any views expressed in this message are those of the individual
> sender and may not necessarily reflect the views of the company.
> -----
>
>
>

KANSAS

Kansas State Historical Society
Jennie Chinn, *Executive Director*

KATHLEEN SEBELIUS, GOVERNOR

August 30, 2007

Heather Berg
C/o Fluor Corporation
616 Spring Street
Coffeyville, Kansas 67337

RE: Country Village NE Temporary Housing Group Site
City of Independence
Montgomery County

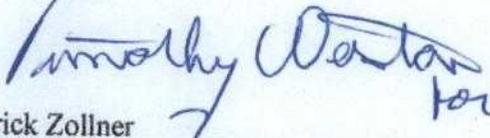
Dear Ms. Berg:

In accordance with 36 CFR 800, the Kansas State Historic Preservation Office has reviewed your request regarding construction of a temporary group-housing site (Country Village NE) at 3045 West Maple Street in Independence. We conclude that the proposed project will have no effect on historic properties as defined in 36 CFR 800. This office has no objection to implementation of the project.

This information is provided at your request to assist you in identifying historic properties, as specified in 36 CFR 800 for Section 106 consultation procedures. If you have questions or need additional information regarding these comments, please contact Tim Weston 785-272-8681 (ext. 214) or Julie Weisgerber 785-272-8681 ext 226. Please refer to the Kansas Review & Compliance number (KSR&C#) above on all future correspondence relating to this project.

Sincerely,

Jennie Chinn
State Historic Preservation Officer



Patrick Zollner
Deputy State Historic Preservation Officer

Appendix C EDR Reports

EDR NEPA Check®



**Country Village NE
West Maple Street/Chase Drive
Independence, KS 67301**

Inquiry Number: 2015523.2s

August 27, 2007

**The Standard in
Environmental Risk
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

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.....	8
Wetlands.....	10
Wetlands Classification System.....	12
FCC & FAA Sites.....	16
Key Contacts and Government Records Searched.....	27

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2007 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

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 27 of this report.

TARGET PROPERTY ADDRESS

COUNTRY VILLAGE NE
WEST MAPLE STREET/CHASE DRIVE
INDEPENDENCE, KS 67301

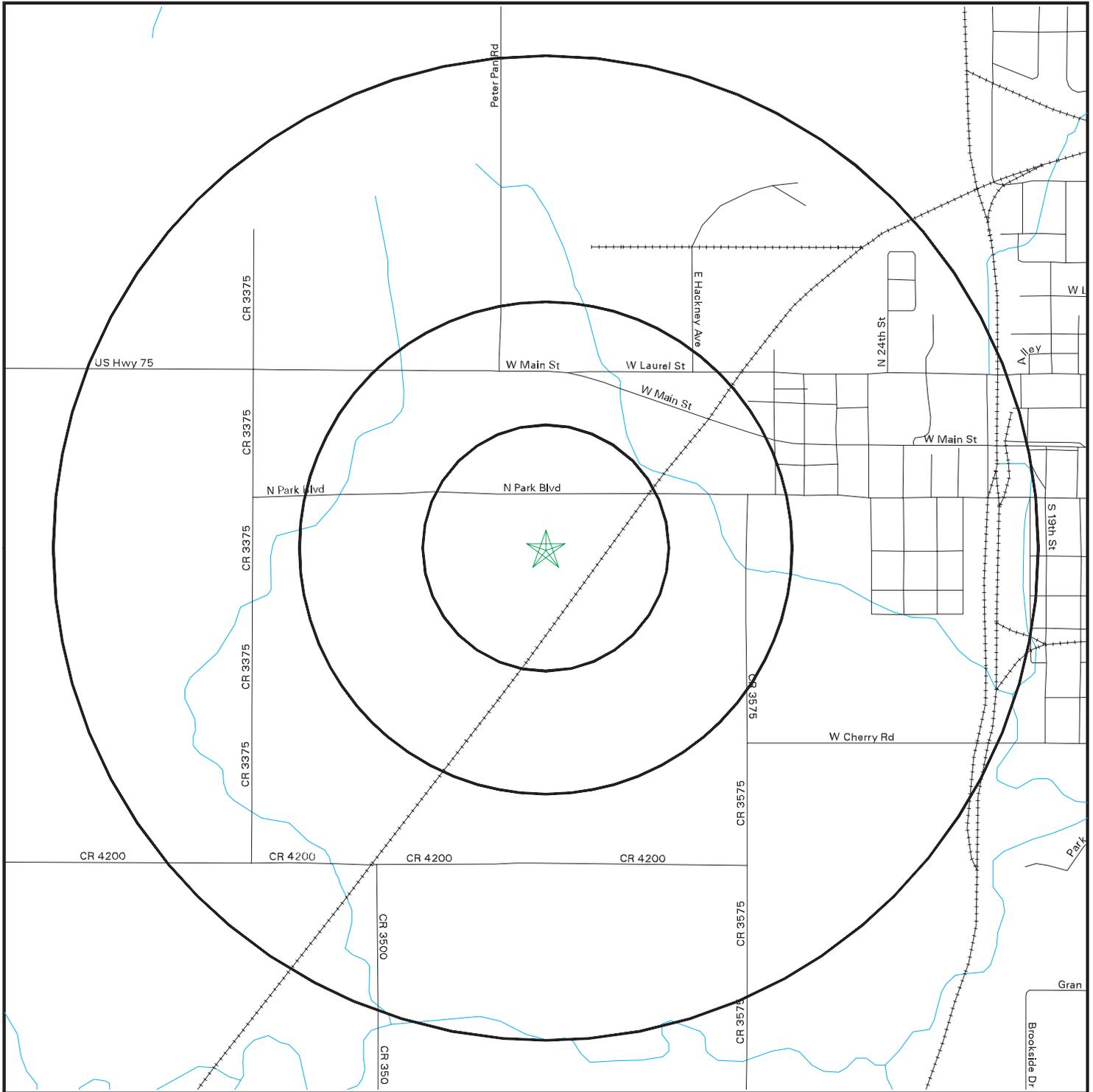
Inquiry #: 2015523.2s
Date: 8/27/7

TARGET PROPERTY COORDINATES

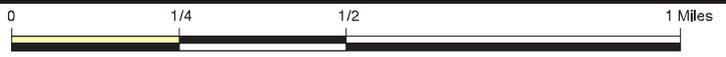
Latitude (North): 37.220402 - 37° 13' 13.4"
Longitude (West): 95.740799 - 95° 44' 26.9"
Universal Tranverse Mercator: Zone 15
UTM X (Meters): 256809.0
UTM Y (Meters): 4122638.8

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 (3) Threatened or Endangered Species or Critical Habitat	KS Critical Habitat	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	NO	NO
1.1307a (4) Listed or eligible for National Register	KS Historic Sites	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	NO	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	NO	NO
	FCC Tower	1.00	YES	NO
	FCC AM Tower	1.00	YES	NO
	FAA DOF	1.00	YES	NO
	Airports	1.00	NO	NO
	Power Lines	1.00	NO	NO

Natural Areas Map



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



SITE NAME: Country Village NE
 ADDRESS: West Maple Street/Chase Drive
 Independence KS 67301
 LAT/LONG: 37.2204 / 95.7408

CLIENT: Transystems Corporation
 CONTACT: Eric Viera
 INQUIRY #: 2015523.2s
 DATE: August 27, 2007

NATURAL AREAS MAP FINDINGS

Endangered Species Listed for: MONTGOMERY County, KS.

Source: EPA Endangered Species Protection Program Database

BIRD: EAGLE, BALD

INSECT: BEETLE, AMERICAN BURYING

Map ID

Direction

Distance

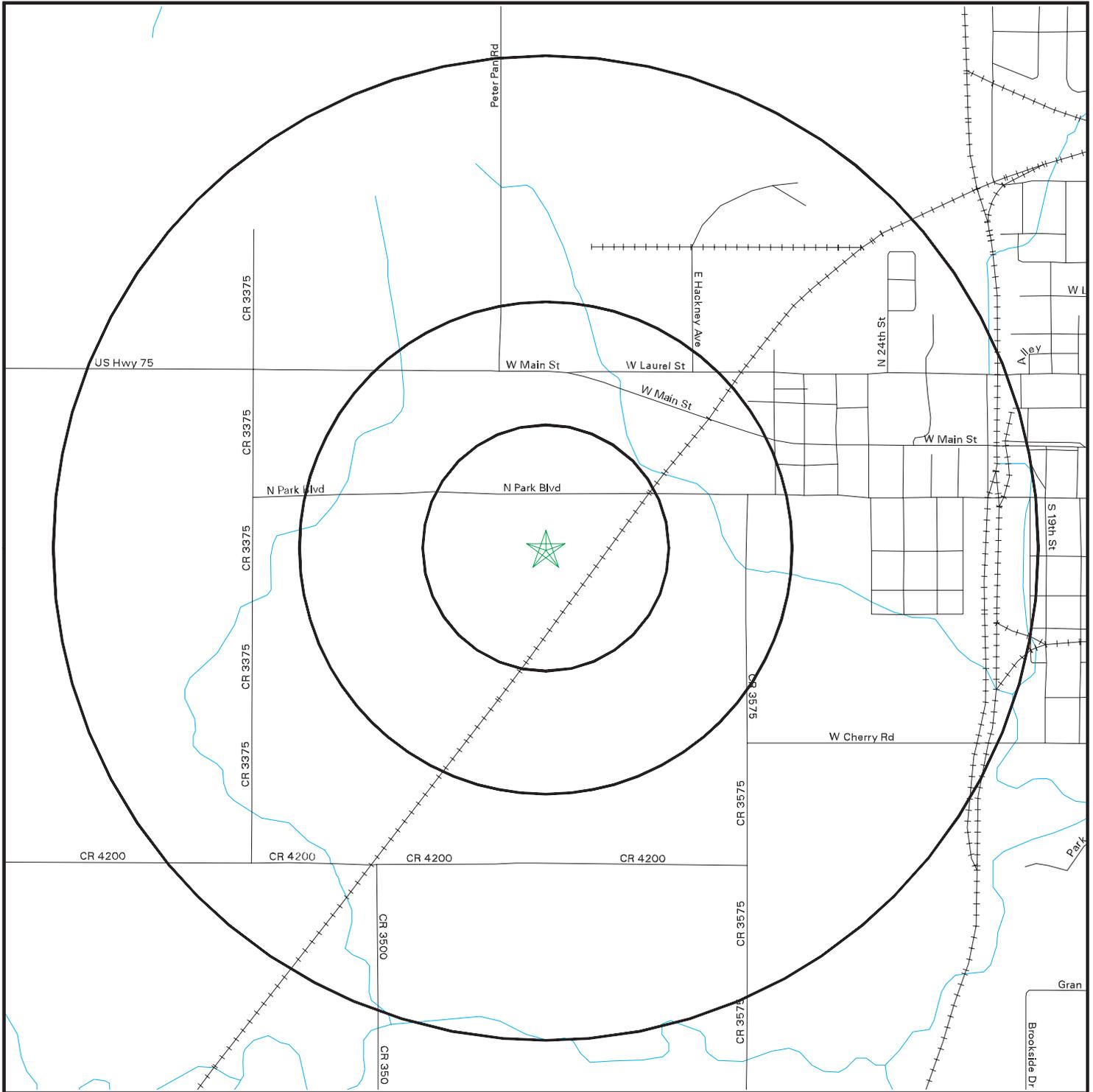
Distance (ft.)

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



SITE NAME: Country Village NE
 ADDRESS: West Maple Street/Chase Drive
 Independence KS 67301
 LAT/LONG: 37.2204 / 95.7408

CLIENT: Transystems Corporation
 CONTACT: Eric Viera
 INQUIRY #: 2015523.2s
 DATE: August 27, 2007

HISTORIC SITES MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

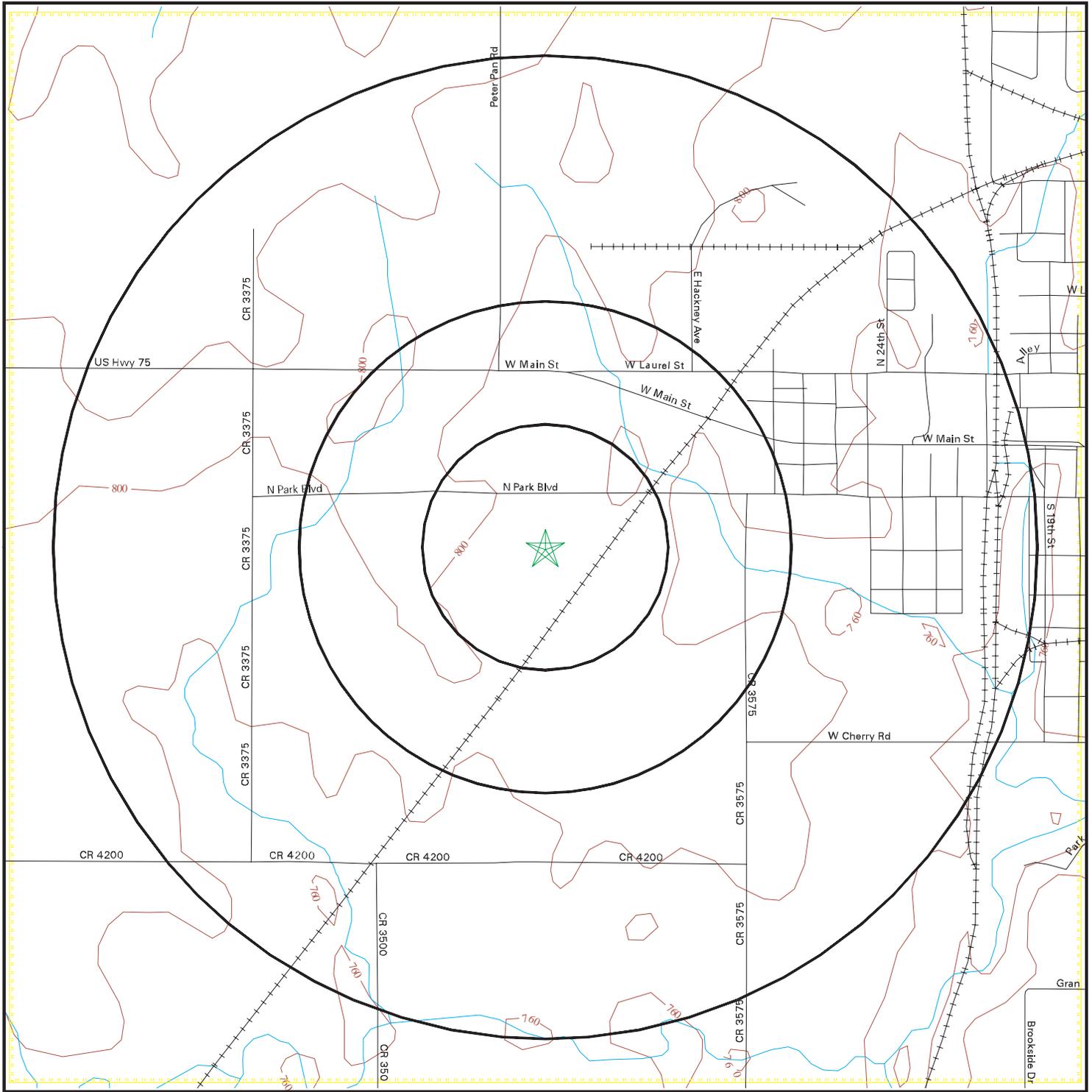
No mapped sites were found in EDR's search of available government records within the search radius around the target property.

UNMAPPABLE HISTORIC SITES

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

		Status EDR ID Database
Name: Type: County: Address: City: Date Added:	Dewlen-Spohnhauer Bridge Rainbow Arch Bridges TR Montgomery County 1 mile east of Independence on old US-160 Independence 03/10/83	Unmappable KS20000482 KS Historic Sites
Name: Type: County: Address: City: Date Added:	Independence Bowstring Bridge Metal Truss Bridges in Kansas 1861-1939 MPS Montgomery County Burns Street north of Myrtle Independence 01/04/90	Unmappable KS20000478 KS Historic Sites
Name: Type: County: Address: City: Date Added:	Pennsylvania Avenue Rock Creek Bridge Masonry Arch Bridge TR Montgomery County Pennsylvania Ave. over Rock Creek Independence 07/02/85	Unmappable KS20000480 KS Historic Sites

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 |



SITE NAME: Country Village NE
 ADDRESS: West Maple Street/Chase Drive
 Independence KS 67301
 LAT/LONG: 37.2204 / 95.7408

CLIENT: Transystems Corporation
 CONTACT: Eric Viera
 INQUIRY #: 2015523.2s
 DATE: August 27, 2007

FLOOD PLAIN MAP FINDINGS

Source: FEMA Q3 Flood Data

County

FEMA flood data electronic coverage

MONTGOMERY, KS

NO

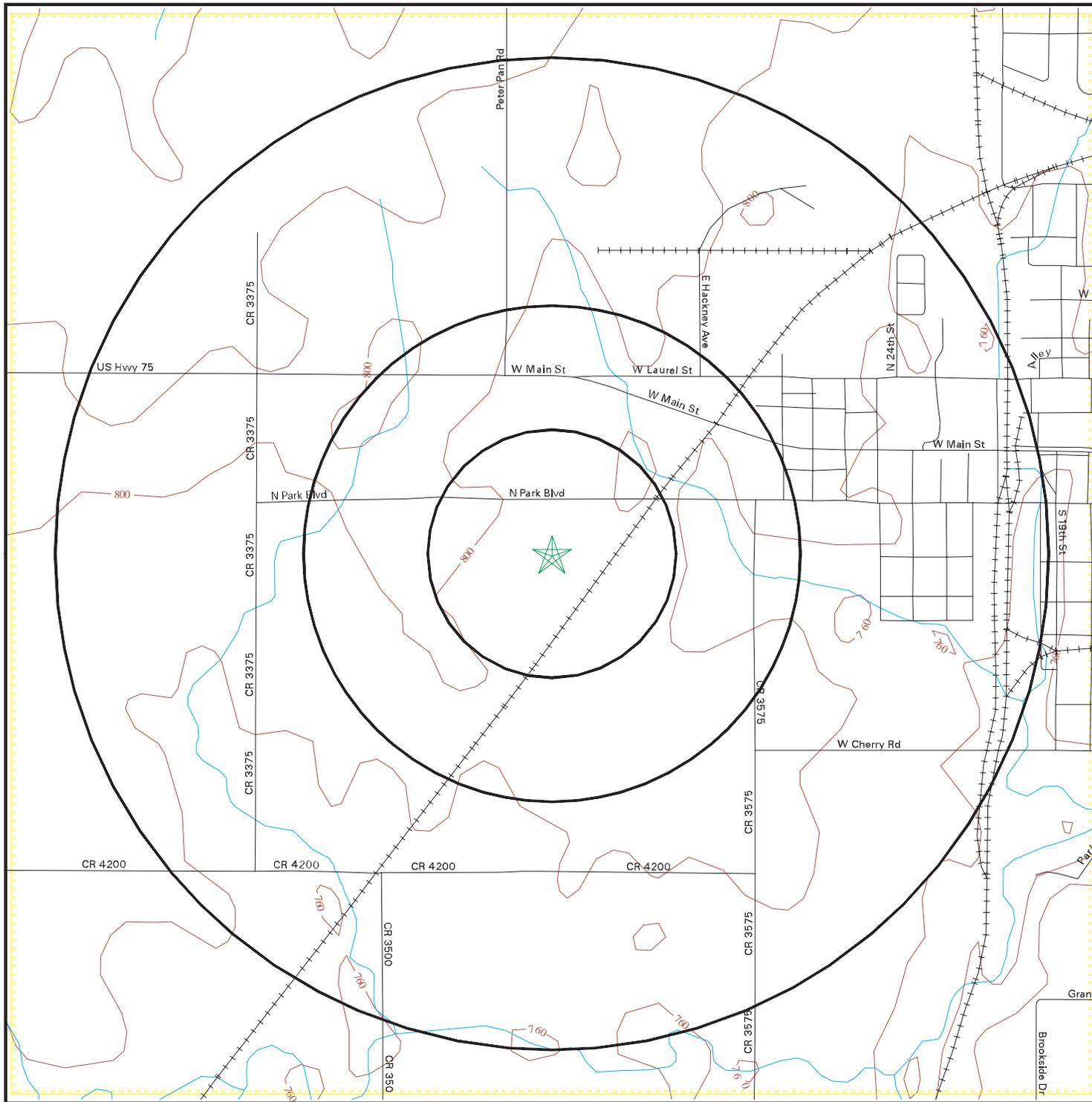
Flood Plain panel at target property:

None Reported

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 | | Electronic NWI data available |
| | County Boundary | | | | Electronic NWI data not available |

<p>SITE NAME: Country Village NE ADDRESS: West Maple Street/Chase Drive Independence KS 67301 LAT/LONG: 37.2204 / 95.7408</p>	<p>CLIENT: Transystems Corporation CONTACT: Eric Viera INQUIRY #: 2015523.2s DATE: August 27, 2007</p>
--	---

WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: Independence

Additional NWI hardcopy map(s) in search area:
Bolton

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

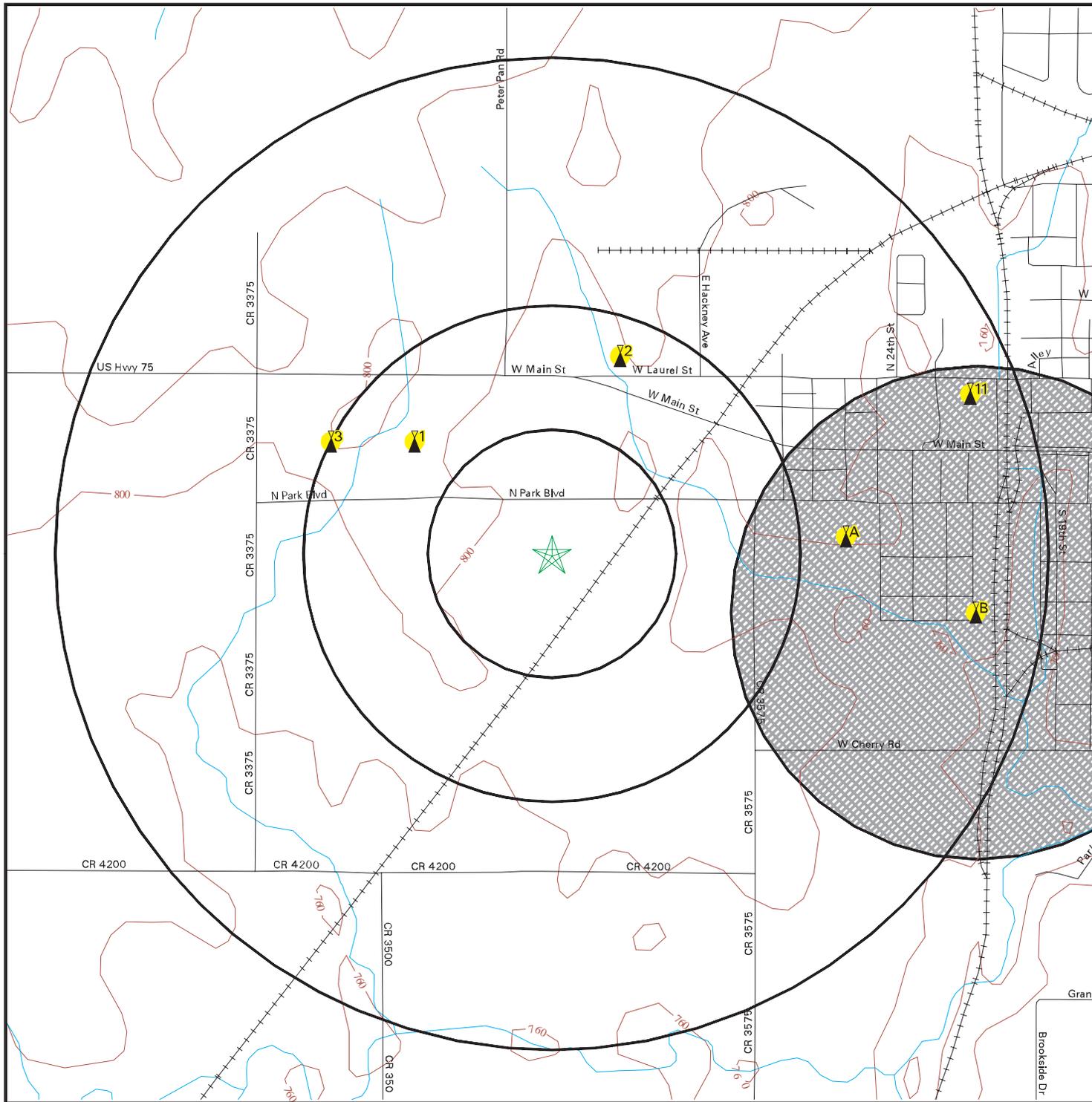
CLASS	RB--ROCK BOTTOM	UB--UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	US--UNCONSOLIDATED SHORE	ML--MOSS- LICHEN	EM--EMERGENT	SS--SCRUB-SHRUB	FO--FORESTED	OW-OPEN WATER/ Unknown
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown 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	Inland	Salinity	pH	Modifiers		
A Temporarily Flooded	H Permanently Flooded	K Artificially Flooded	*S Temporary-Tidal	1 Hyperhaline	7 Hypersaline	all Fresh Water	g Organic	b Beaver
B Saturated	J Intermittently Flooded	L Subtidal	*R Seasonal-Tidal	2 Euhaline	8 Eusaline	a Acid	n Mineral	d Partially Drained/Ditched
C Seasonally Flooded	K Artificially Flooded	M Irregularly Exposed	*T Semipermanent -Tidal	3 Mixohaline (Brackish)	9 Mixosaline	t Circumneutral		f Farmed
D Seasonally Flooded/ Well Drained	W Intermittently Flooded/Temporary	N Regularly Flooded	V Permanent -Tidal	4 Polyhaline	0 Fresh	i Alkaline		h Diked/Impounded
E Seasonally Flooded/ Saturated	Y Saturated/Semipermanent/ Seasonal	P Irregularly Flooded	U Unknown	5 Mesohaline				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
- Sites
- Omni Directional AM Interference
- Directional AM Interference



SITE NAME: Country Village NE
 ADDRESS: West Maple Street/Chase Drive
 Independence KS 67301
 LAT/LONG: 37.2204 / 95.7408

CLIENT: Transystems Corporation
 CONTACT: Eric Viera
 INQUIRY #: 2015523.2s
 DATE: August 27, 2007

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

<p>1 NW 1/4-1/2 mi 1887</p>	<p>Unique ID: 170279 City: INDEPENDENCE Verification Status: verified Latitude: 37 13 25N Frequency: Not Reported Above Ground Level Height (Ft.): Above Mean Sea Level Height (Ft.): Horizontal Accuracy: +-250' Painted/Marked: Yes</p>	<p>Obstruction #: 0279 State: Kansas Obstruction Type: TOWER Longitude: 095 44 44W Type of Lighting: Red Lighting 0313 01128 Vertical Accuracy: +-50' FAA Study #: Not Reported</p>	<p>DOF000000029641 FAA DOF</p>
---	---	---	------------------------------------

<p>2 NNE 1/4-1/2 mi 2226</p>	<p>Unique ID: 170605 City: INDEPENDENCE Verification Status: verified Latitude: 37 13 34N Frequency: Not Reported Above Ground Level Height (Ft.): Above Mean Sea Level Height (Ft.): Horizontal Accuracy: +-250' Painted/Marked: Yes</p>	<p>Obstruction #: 0605 State: Kansas Obstruction Type: TOWER Longitude: 095 44 17W Type of Lighting: Not Reported 0215 01020 Vertical Accuracy: +-50' FAA Study #: Not Reported</p>	<p>DOF000000029925 FAA DOF</p>
--	---	---	------------------------------------

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

3
WNW
1/4-1/2 mi
2636

TOW100000046853
TOWER

Tower ID:	29257		
Tower Owner Name:	1/2 MILE WEST OF, INDEPENDENCE, KS		
Latitude:	37 13' 134005"	Latitude (in seconds):	134005
Longitude:	95 44' 55"	Longitude (in seconds):	344695
Transmitter Latitude:	371325	Transmitter Longitude	0954455
Construction Date:	99/99/1999	Activation Date:	Oct 29 1958
FAA Date:	Oct 24 1958	FCC Date:	
File Number:	5438-PH-59	FAA ID:	ASP K.C.
Antenna Height:	0.0000	Antenna Height (M):	0.0000
Beacon Height:	0.0000	Beacon Height (M):	0.0000
Elevation:	1140.0000	Elevation FAA:	1140.0000
Elevation FAA (M):	347.5000	Elevation (M):	347.5000
Structure Height:	310.0000	Structure Height (M):	94.5000
Structure Height FAA:	310.0000	Structure Height FAA (M):	94.5000
Supporting Struct Hgt:	0.0000	Supporting Struct Hgt (M):	0.0000
Tower Height:	0.0000	Tower Height (M):	0.0000
Structure Type:	TOW	Tower Type:	E
Key Remarks:		Date:	
Key Site:	36805	Record Action:	OLD
ID Exam:		ID_ASB_ACC:	Y
Paint and Lighting Specs:	1 12 21 3		
Special Conditions/Remarks:			

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

A4
East
1/2-1 mi
3077

DOF000000029645
FAA DOF

Unique ID:	170283	Obstruction #:	0283
City:	INDEPENDENCE	State:	Kansas
Verification Status:	verified	Obstruction Type:	TOWER
Latitude:	37 13 15N	Longitude:	095 43 48W
Frequency:	Not Reported	Type of Lighting:	Red Lighting
Above Ground Level Height (Ft.):			0540
Above Mean Sea Level Height (Ft.):			01320
Horizontal Accuracy:	+250'	Vertical Accuracy:	+50'
Painted/Marked:	Yes	FAA Study #:	03CE0563

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

A5
East
1/2-1 mi
3159

CEL100000010223
CELLULAR

Low Frequency:	825.03000000	High Frequency:	0.00000000
Callsign:	KNKN434	Radio Code:	CL
DBA Name:	LIBERTY CELLULAR, INC.		
Contact:	Not Reported		
Licensee:	LIBERTY CELLULAR, INC.		
	621 WESTPORT BOULEVARD		
	SALINA, KS 67401		
Transmitter Address:	1 MILES WSW OF HWY 160 AND HWY 75		
	INDEPENDENCE, KS		
County:	MONTGOMERY		
Latitude:	371315	Longitude:	0954347
Elevation:	0	Height:	Not Reported
Height Average:	Not Reported	Effective Height:	Not Reported
Structure Height:	0	Class Code:	Not Reported
ERP:	Not Reported	Database ID:	Not Reported
License Date:	Not Reported	Emissions:	Not Reported
Issue Date:	03/30/1995	Expiration Date:	10/01/2000
Mobile Vehicles:	Not Reported	Total Units:	Not Reported
Control Point Auth:	Not Reported	Authorization Type:	Not Reported

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
3159

TOW100000046848
TOWER

Tower ID:	29252		
Tower Owner Name:	MC CAW RCC COMMUNICATIONS		
	, INDEPENDENCE, KS		
Latitude:	37 13' 133995"	Latitude (in seconds):	133995
Longitude:	95 43' 47"	Longitude (in seconds):	344627
Transmitter Latitude:	371315	Transmitter Longitude	0954347
Construction Date:	99/99/1999	Activation Date:	Jun 17 1996
FAA Date:	Sep 1 1995	FCC Date:	Jun 1 1995
File Number:	32816-CD-P/ML-95	FAA ID:	95-ACE-0345-OE
Antenna Height:	12.0000	Antenna Height (M):	3.7000
Beacon Height:	0.0000	Beacon Height (M):	0.0000
Elevation:	1296.0000	Elevation FAA:	1296.0000
Elevation FAA (M):	395.0000	Elevation (M):	395.0000
Structure Height:	518.0000	Structure Height (M):	157.9000
Structure Height FAA:	518.0000	Structure Height FAA (M):	157.9000
Supporting Struct Hgt:	0.0000	Supporting Struct Hgt (M):	0.0000
Tower Height:	506.0000	Tower Height (M):	154.2000
Structure Type:	TOW	Tower Type:	E
Key Remarks:		Date:	
Key Site:	36797	Record Action:	MOD
ID Exam:	PRB4	ID_ASB_ACC:	W
Paint and Lighting Specs:	1 13 21 3 4		
Special Conditions/Remarks:			

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

B7
East
1/2-1 mi
4490

DOF000000029634
FAA DOF

Unique ID:	170271	Obstruction #:	0271
City:	INDEPENDENCE	State:	Kansas
Verification Status:	verified	Obstruction Type:	TOWER
Latitude:	37 13 07N	Longitude:	095 43 31W
Frequency:	Not Reported	Type of Lighting:	Red Lighting
Above Ground Level Height (Ft.):			0238
Above Mean Sea Level Height (Ft.):			01013
Horizontal Accuracy:	+/-250'	Vertical Accuracy:	+/-50'
Painted/Marked:	Yes	FAA Study #:	FCC AM List

FCC & FAA SITES MAP FINDINGS TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

B8
East
1/2-1 mi
4572

TOW100000046841
TOWER

Tower ID:	29245		
Tower Owner Name:	515 W POPLAR ST, INDEPENDENCE, KS		
Latitude:	37 13' 133987"	Latitude (in seconds):	133987
Longitude:	95 43' 30"	Longitude (in seconds):	344610
Transmitter Latitude:	371307	Transmitter Longitude:	0954330
Construction Date:	99/99/1999	Activation Date:	Sep 18 1967
FAA Date:		FCC Date:	Aug 10 1967
File Number:	BPH-5952	FAA ID:	
Antenna Height:	0.0000	Antenna Height (M):	0.0000
Beacon Height:	0.0000	Beacon Height (M):	0.0000
Elevation:	1011.0000	Elevation FAA:	0.0000
Elevation FAA (M):	0.0000	Elevation (M):	308.2000
Structure Height:	238.0000	Structure Height (M):	72.5000
Structure Height FAA:	0.0000	Structure Height FAA (M):	72.5000
Supporting Struct Hgt:	0.0000	Supporting Struct Hgt (M):	0.0000
Tower Height:	0.0000	Tower Height (M):	0.0000
Structure Type:	TOW	Tower Type:	E
Key Remarks:		Date:	
Key Site:	36784	Record Action:	OLD
ID Exam:		ID_ASB_ACC:	X
Paint and Lighting Specs:	1 12 21 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 TOWERS

Map ID
Direction
Distance
Distance (ft.)

EDR ID
Database

B9
East
1/2-1 mi
4572

AMT0009543
AMTOWERS

AM Frequency:	1010	Application Ref:	Not Reported
Item Number:	01	Control Number:	102921
ID Number:	Not Reported	Country:	The United States
Cutoff Date:	Not Reported	File No. Prefix:	Not Reported
Operation Hours:	Nighttime	Region 2 Class:	B
Domestic Pattern:	Theoretical	Domestic Class:	0D
Dummy Data Switch:	Nothing is assumed		
Power (KW):	0000.03200		
Bad Data Switch:	NOT REPORTED		
Domestic Status:	License		
Latitude:	37 13 07	Latitude Direction:	N
Longitude:	095 43 30	Longitude Dir:	W
No. of T-S Stations:	Not Reported	No. of Towers:	01
T-S Call Sign 1:	Not Reported	T-S Call Sign 2:	Not Reported
T-S Call Sign 3:	Not Reported	T-S Call Sign 4:	Not Reported
Updater:	Federal Communications Commission (FCC)		
Canadian Coordination Status:	Not applicable		
Mexican Coordination Status:	Not applicable		
Region 2 Coordination Status:	Not applicable		
Station City:	INDEPENDENCE, KS	Call Sign:	KIND
IFRB Plan Date:	Not Reported	Q Factor (mV/M):	Not Reported
Antenna Mode:	ND1	Complete Sched:	Unlimited time
No. of Augmentations:	00		
IFRB List:	Not Reported		
Comment:	Not Reported		
Pattern RMS (mV/M):	0305.78	E sub u Value:	Not Reported
Change List No.:	Not Reported	Change List Date:	02116
Limiting Call:	O	Notification Status:	Not Reported
IFRB Serial No.:	Not Reported	Last Update Date:	Not Reported
Notified Pattern:	Not Reported	Biased Coords:	T 1

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

B10
East
1/2-1 mi
4572

AMT0009542
AMTOWERS

AM Frequency:	1010	Application Ref:	Not Reported
Item Number:	01	Control Number:	102920
ID Number:	Not Reported	Country:	The United States
Cutoff Date:	Not Reported	File No. Prefix:	Not Reported
Operation Hours:	Daytime	Region 2 Class:	B
Domestic Pattern:	Theoretical	Domestic Class:	0D
Dummy Data Switch:	Nothing is assumed		
Power (KW):	0000.25000		
Bad Data Switch:	NOT REPORTED		
Domestic Status:	License		
Latitude:	37 13 07	Latitude Direction:	N
Longitude:	095 43 30	Longitude Dir:	W
No. of T-S Stations:	Not Reported	No. of Towers:	01
T-S Call Sign 1:	Not Reported	T-S Call Sign 2:	Not Reported
T-S Call Sign 3:	Not Reported	T-S Call Sign 4:	Not Reported
Updater:	Federal Communications Commission (FCC)		
Canadian Coordination Status:	Not applicable		
Mexican Coordination Status:	Not applicable		
Region 2 Coordination Status:	Not applicable		
Station City:	INDEPENDENCE, KS	Call Sign:	KIND
IFRB Plan Date:	Not Reported	Q Factor (mV/M):	Not Reported
Antenna Mode:	ND1	Complete Sched:	Unlimited time
No. of Augmentations:	00		
IFRB List:	Not Reported		
Comment:	Not Reported		
Pattern RMS (mV/M):	0305.78	E sub u Value:	Not Reported
Change List No.:	Not Reported	Change List Date:	02116
Limiting Call:	O	Notification Status:	Not Reported
IFRB Serial No.:	Not Reported	Last Update Date:	Not Reported
Notified Pattern:	Not Reported	Biased Coords:	T 1

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

11
ENE
1/2-1 mi
4761

TOW100000046859
TOWER

Tower ID:	29262		
Tower Owner Name:	S OF 1513 W MAYPLE ST, INDEPENDENCE, KS		
Latitude:	37 13' 134010"	Latitude (in seconds):	134010
Longitude:	95 43' 31"	Longitude (in seconds):	344611
Transmitter Latitude:	371330	Transmitter Longitude	0954331
Construction Date:	99/99/1999	Activation Date:	Jun 14 1965
FAA Date:		FCC Date:	Apr 3 1950
File Number:	9433-D1-ML-E	FAA ID:	
Antenna Height:	0.0000	Antenna Height (M):	0.0000
Beacon Height:	0.0000	Beacon Height (M):	0.0000
Elevation:	1086.0000	Elevation FAA:	0.0000
Elevation FAA (M):	0.0000	Elevation (M):	331.0000
Structure Height:	238.0000	Structure Height (M):	72.5000
Structure Height FAA:	0.0000	Structure Height FAA (M):	72.5000
Supporting Struct Hgt:	0.0000	Supporting Struct Hgt (M):	0.0000
Tower Height:	0.0000	Tower Height (M):	0.0000
Structure Type:	TOW	Tower Type:	E
Key Remarks:		Date:	
Key Site:	36810	Record Action:	OLD
ID Exam:		ID_ASB_ACC:	Y
Paint and Lighting Specs:	12 20 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

No Sites Reported.

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, Midwest Region

1709 Jackson Street

Omaha, NE 68102

402-221-3471

USDA Forest Service, Rocky Mountain

740 Simms Street P.O. Box 25127

Lakewood, CO 80225

303-275-5160

BLM- New Mexico State Office

1474 Rodeo Road

Santa Fe, NM 87502-0115

505-438-7400

Fish & Wildlife Service, Region 6

P.O. Box 25486 Denver Federal Center

Denver, CO 80225

303-236-7917

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

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 6
P.O. Box 25486 Denver Federal Center
Denver, CO 80225
303-236-7917

State Contacts for Additional Information

Dept. of Wildlife and Parks 785-273-6740

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 6
P.O. Box 25486 Denver Federal Center
Denver, CO 80225
303-236-7917

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

KS Designated Critical Habitat: KS Designated Critical Habitat

Critical habitats include those areas documented as currently supporting self-sustaining populations of any threatened or endangered species of wildlife as well as those areas determined by the Kansas Department of Wildlife and Parks to be essential for the conservation of any threatened or endangered species of wildlife

Source: Department of Wildlife and Parks.

Telephone: 316-672-5911

Federal Contacts for Additional Information

Fish & Wildlife Service, Region 6
P.O. Box 25486 Denver Federal Center
Denver, CO 80225
303-236-7917

State Contacts for Additional Information

Natural Heritage Inventory, Kansas Biological Survey 785-864-3453

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

KS Historic Sites: State Register

Listing of historic sites included on the State Register.

Source: Kansas State Historical Society.

Telephone: 785-272-8681

KS Historic Sites: National Register of Historic Places

Listing of historic sites included on the National Register for Kansas.

Source: Kansas State Historical Society.

Telephone: 785-272-8681

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

Kansas State Historical Society 785-272-8681

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

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

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

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>

Anadarko Area Office, Bureau of Indian Affairs
WCD Office Complex P.O. Box 368
Anadarko, OK 73005
405-247-6673

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

Div. Of Emergency Management 785-274-1409

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.

Federal Contacts for Additional Information

Fish & Wildlife Service 813-570-5412

State Contacts for Additional Information

Dept. of Wildlife & Parks 785-273-6740

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

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

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

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

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

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

AM Tower

Federal Communications Commission

Mass Media Bureau
2nd Floor - 445 12th Street SW
Washington DC 20554 USA
Telephone (202) 418-2700

KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

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

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

STREET AND ADDRESS INFORMATION

(c) 2006 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.



EDR® Environmental
Data Resources Inc

The EDR Radius Map with GeoCheck®

**Country Village NE
West Maple Street/Chase Drive
Independence, KS 67301**

Inquiry Number: 2015523.1s

August 27, 2007

The Standard in Environmental Risk 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

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	30
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 SSURGO Soil Map	A-5
Physical Setting Source Map	A-9
Physical Setting Source Map Findings	A-10
Physical Setting Source Records Searched	A-25

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

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2007 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission. EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

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

WEST MAPLE STREET/CHASE DRIVE
INDEPENDENCE, KS 67301

COORDINATES

Latitude (North): 37.220400 - 37° 13' 13.4"
Longitude (West): 95.740800 - 95° 44' 26.9"
Universal Transverse Mercator: Zone 15
UTM X (Meters): 256809.0
UTM Y (Meters): 4122638.8
Elevation: 785 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 37095-B6 INDEPENDENCE, KS
Most Recent Revision: 1979

West Map: 37095-B7 BOLTON, KS
Most Recent Revision: 1979

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 LIENS..... Federal Superfund Liens
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report

EXECUTIVE SUMMARY

RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
RCRA-SQG	Resource Conservation and Recovery Act Information
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
FUDS	Formerly Used 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
LUCIS	Land Use Control Information System
DOT OPS	Incident and Accident Data
ICIS	Integrated Compliance Information System
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
US CDL	Clandestine Drug Labs
RADINFO	Radiation Information Database
LIENS 2	CERCLA Lien Information
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

SWF/LF	Directory of Sanitary Landfills, Solid Waste Transfer Stations and Collector in Kansas
AOCONCERN	Area of Concern
UST	Underground Storage Tank Data
LAST	Leaking Aboveground Storage Tanks
AST	Aboveground Storage Tank Data
SPILLS	Kansas Spills Database
INST CONTROL	Institutional Controls Information
DRYCLEANERS	Registered Drycleaning Facilities
BROWNFIELDS	Identified Sites List
CDL	Clandestine Laboratory Data

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
--------------------------------	---

EXECUTIVE SUMMARY

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.

STATE AND LOCAL RECORDS

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

A review of the SHWS list, as provided by EDR, and dated 05/21/2007 has revealed that there is 1 SHWS 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>
<i>EMERSON MOTOR COMPANY</i> Facility Status: Resolved	<i>2400 WEST LAUREL STREET</i>	<i>1/4 - 1/2 NE</i>	<i>A6</i>	<i>9</i>

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Kansas Department of Environmental Protection's LUST Incident Report.

A review of the LUST list, as provided by EDR, and dated 05/11/2007 has revealed that there are 7 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MIRASTAR # 64037 Facility Status: Closed	2915 W. MAIN	1/4 - 1/2NNE	1	6
MILLER BROTHERS, INDEPENDENCE Facility Status: Monitor	2706 W MAIN ST	1/4 - 1/2NNE	2	6
COASTAL MART Facility Status: Closed	3180 W MAIN	1/4 - 1/2N	3	7
<i>KMART #9037</i> Facility Status: Closed	<i>2505 W MAIN STREET RR #</i>	<i>1/4 - 1/2 NE</i>	<i>4</i>	<i>7</i>
<i>MATCOR METAL FABRICATION INC</i> Facility Status: Closed	<i>2400 W LAUREL</i>	<i>1/4 - 1/2 NE</i>	<i>A7</i>	<i>11</i>
<i>HACKNEY A DIV OF SVC</i> Facility Status: Closed	<i>300 HACKNEY AVE</i>	<i>1/4 - 1/2 NE</i>	<i>A8</i>	<i>19</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
ROMANS MOTOR CO Facility Status: Closed	2313 W MAIN ST	1/4 - 1/2NE	5	8

EXECUTIVE SUMMARY

VCP: Sites included in the Identified Sites List that are identified as Voluntary Cleanup sites.

A review of the VCP list, as provided by EDR, and dated 05/21/2007 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

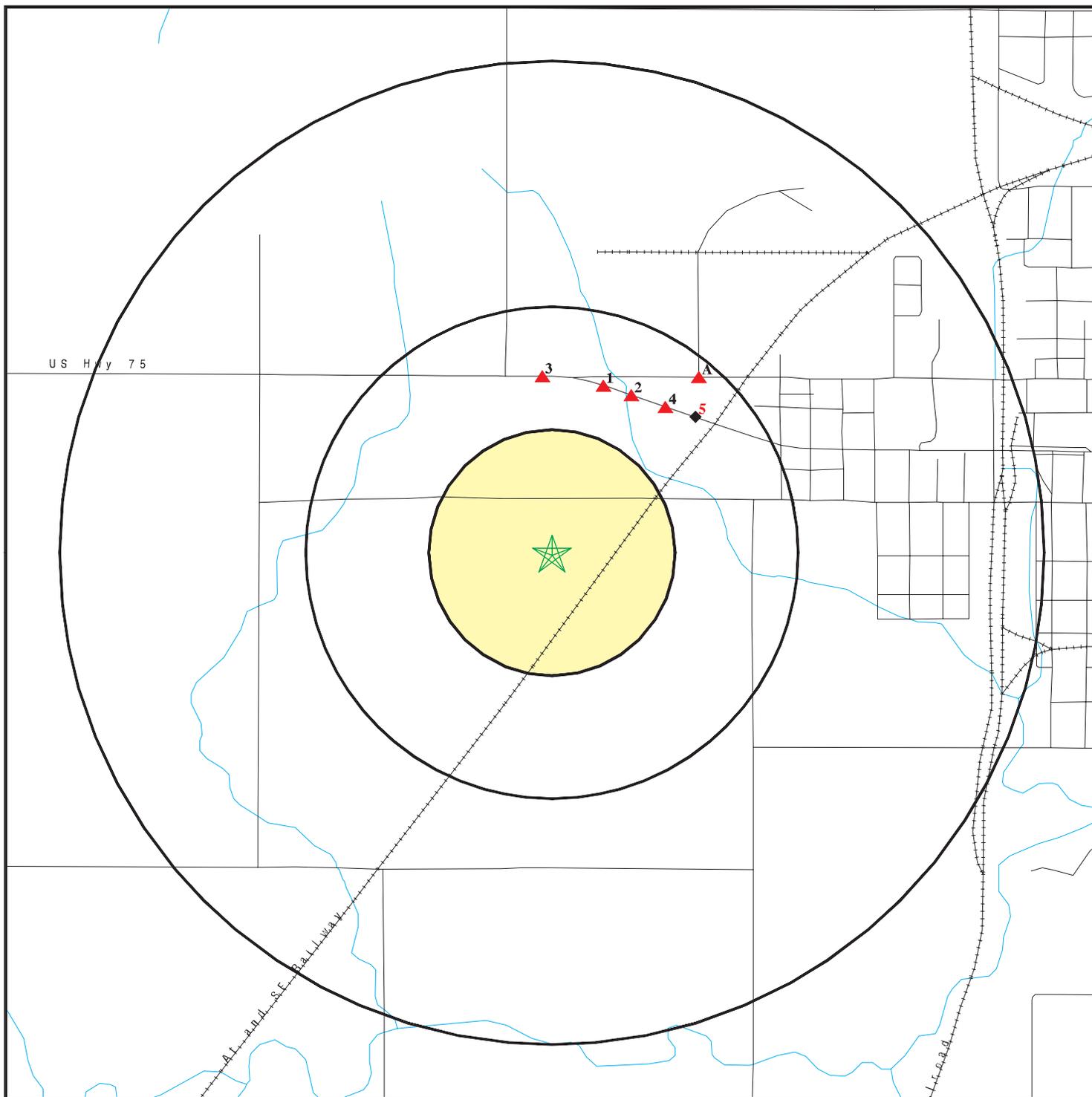
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>EMERSON MOTOR COMPANY</i>	<i>2400 WEST LAUREL STREET</i>	<i>1/4 - 1/2 NE</i>	<i>A6</i>	<i>9</i>

EXECUTIVE SUMMARY

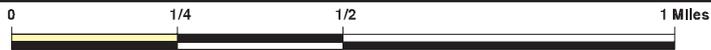
Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
MONTGOMERY COUNTY LANDFILL	SHWS, FINDS
ELK CITY AUXILIARY FIELD #4 (FORMER)	SHWS, FINDS
INDEPENDENCE MUNICIPAL AIRPORT	SHWS, FINDS
INDEPENDENCE AAF	SHWS, FINDS
MAGELLAN PIPELINE - RAJAH ROAD	SHWS, VCP
AUTOMOTIVE CONTROLS CORP -- OAK STREET PLANT	SHWS
INDEPENDENCE SKATE PARK -- BTA	SHWS, BROWNFIELDS
SARCO SLUDGE PONDS	CERCLIS, FINDS
WILLIAMS COMPRESSOR STATION - GRAHAM	CERCLIS
WHITE TANK TRUCK SERVICE	CERCLIS, FINDS
INDEPENDENCE (EX) ARMY AIR FIELD	CERCLIS, FINDS
HEARTLAND CEMENT COMPANY	SWF/LF
RESOURCE RECOVERY, INC.	SWF/LF
MONTGOMERY COUNTY TRANSFER STATION	SWF/LF
INDEPENDENCE CITY PARK	LUST
MURPHY OIL COMPANY	AST
GORDON FARMS	AST
KANSAS DEPT OF TRANSPORTATION	RCRA-SQG, FINDS
TUBULAR & EQUIP SVCS LLC	RCRA-SQG, FINDS
STOUTCO INC	RCRA-SQG, FINDS
WERNER PIPE SVC INC	RCRA-SQG, FINDS
INDEPENDENCE COUNTRY	ERNS

OVERVIEW MAP - 2015523.1s



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



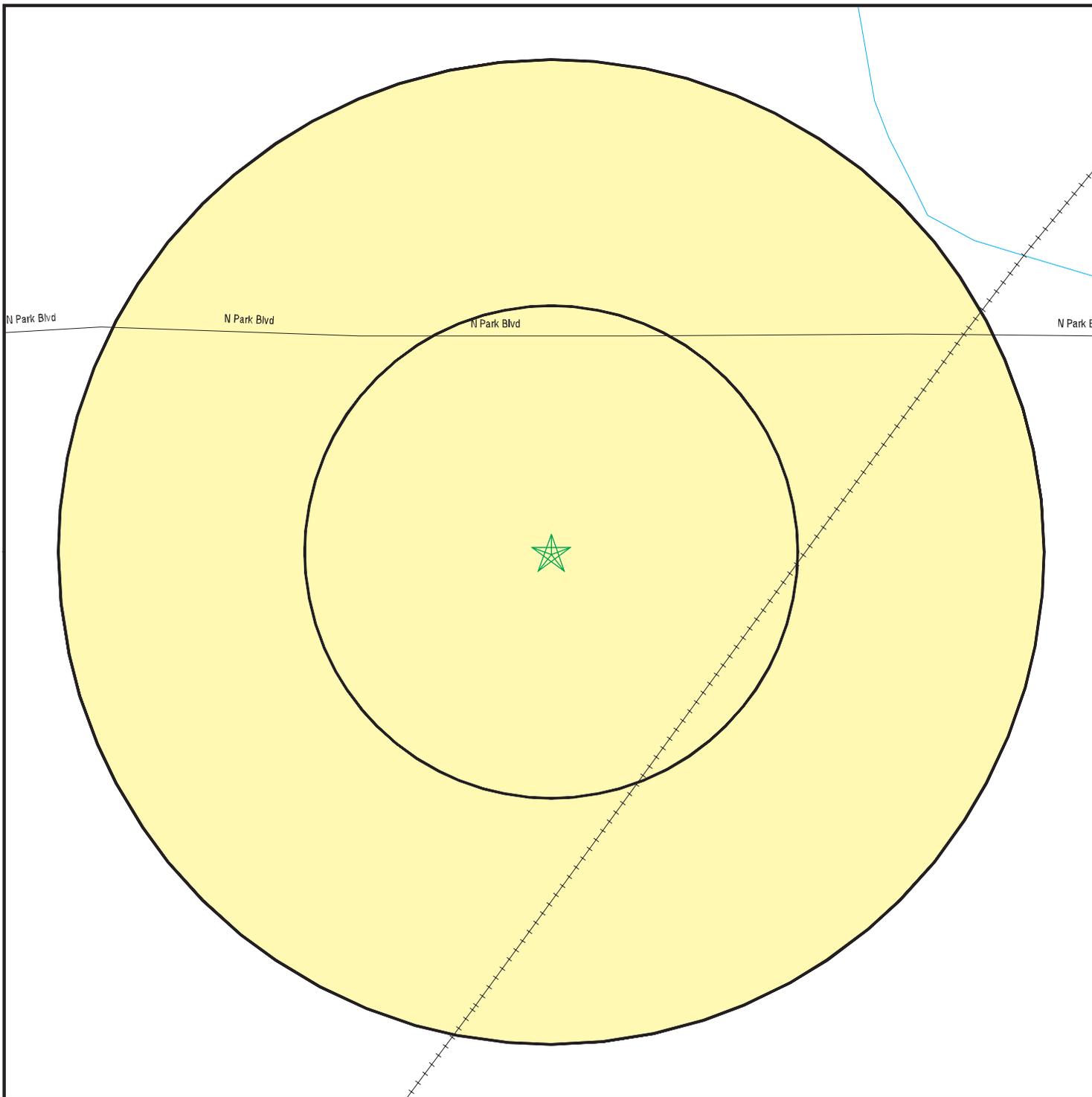
- Indian Reservations BIA
 - ▲ Oil & Gas pipelines
- Areas of Concern



SITE NAME: Country Village NE
ADDRESS: West Maple Street/Chase Drive
 Independence KS 67301
LAT/LONG: 37.2204 / 95.7408

CLIENT: Transystems Corporation
CONTACT: Eric Viera
INQUIRY #: 2015523.1s
DATE: August 27, 2007 6:26 pm

DETAIL MAP - 2015523.1s



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



- Indian Reservations BIA
- Oil & Gas pipelines

- Areas of Concern



SITE NAME: Country Village NE
 ADDRESS: West Maple Street/Chase Drive
 Independence KS 67301
 LAT/LONG: 37.2204 / 95.7408

CLIENT: Transystems Corporation
 CONTACT: Eric Viera
 INQUIRY #: 2015523.1s
 DATE: August 27, 2007 6:26 pm

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 LIENS		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	0	NR	NR	NR	0
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	0	NR	0
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
LUCIS		0.500	0	0	0	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
LIENS 2		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	1	0	NR	1
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	7	NR	NR	7
AOCONCERN		1.000	0	0	0	0	NR	0
UST		0.250	0	0	NR	NR	NR	0
LAST		0.500	0	0	0	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
SPILLS		TP	NR	NR	NR	NR	NR	0

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
INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	1	NR	NR	1
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.000	0	0	0	0	NR	0
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 FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

1
NNE
1/4-1/2
1878 ft.

MIRASTAR # 64037
2915 W. MAIN
INDEPENDENCE, KS 67301

LUST **S106531391**
N/A

Relative:
Equal

LUST:

Actual:
785 ft.

Project Number: U3-063-13556
 Project Name: Mirastar # 64037
 Legal Desc Section: 35
 Legal Desc Township: 32S
 Legal Desc Range: 15E
Site Status: Closed
 Facility ID: 30130
 Initial Report Date: 5/25/2004
 Release Date: Not reported
 Owner Id: 30171
 Owner: Tesoro Refining & Marketing Co.
 Leak Type: Piping
 Reported By: Ron Yorgavan
 Kdhe Staffname: William Thornton
 Assessment Description: Fuel line leaked into the dispenser sump, where the spillage was contained.
 Update Information: No remedial work was directed. No further action required. Inspection revealed the sump had been emptied of product and the line repaired. Soil was not examined for possible impact due to the release. This incident is considered Closed.
 Lat/Longitude: 37.22532 / -95.74382
 Trust: Not reported

2
NNE
1/4-1/2
1895 ft.

MILLER BROTHERS, INDEPENDENCE
2706 W MAIN ST
INDEPENDENCE, KS 67301

LUST **S102407040**
N/A

Relative:
Higher

LUST:

Actual:
790 ft.

Project Number: U3-063-10594
 Project Name: Miller Brothers, Independence
 Legal Desc Section: 35
 Legal Desc Township: 32S
 Legal Desc Range: 15E
Site Status: Monitor
 Facility ID: 17913
 Initial Report Date: 10/11/1995
 Release Date: Not reported
 Owner Id: 17913
 Owner: Miller Bros, Inc
 Leak Type: Not reported
 Reported By: Not reported
 Kdhe Staffname: William Thornton
 Assessment Description: Petroleum product was discovered during environmental assessment. Mr. Sparks requested access to the state trust fund.
 Update Information: Not reported
 Lat/Longitude: 37.22582 / -95.74015
 Trust: Yes

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

3 **COASTAL MART**
North **3180 W MAIN**
1/4-1/2 **INDEPENDENCE, KS 67301**
1900 ft.

LUST **S101834473**
 N/A

Relative:
Higher

LUST:

Actual:
797 ft.

Project Number: U3-063-00432
 Project Name: Coastal Mart
 Legal Desc Section: 27
 Legal Desc Township: 32S
 Legal Desc Range: 15E
Site Status: **Closed**
 Facility ID: 07184
 Initial Report Date: 8/13/1991
 Release Date: Not reported
 Owner Id: 03006
 Owner: Coastal Mart Store
 Leak Type: Piping
 Reported By: Smokie Debold, Coastal Mart
 Kdhe Staffname: William Thornton
 Assessment Description: during testing, line would not hold pressure. subsequent line repair revealed soil contamination. during preliminary investigation, the diesel contam soil appeared to have a gasoline odor in addition to diesel. requested site investigation.

 Update Information: LSA performed, site put into monitoring in november 1999 by trust fund staff. Site closed under KRBCA Tier 3B in June 2003.

 Lat/Longitude: 37.22577 / -95.74445
 Trust: Yes

4 **KMART #9037**
NE **2505 W MAIN STREET RR #3**
1/4-1/2 **INDEPENDENCE, KS 67301**
1985 ft.

LUST **U000873199**
UST **N/A**

Relative:
Higher

LUST:

Actual:
786 ft.

Project Number: U3-063-00240
 Project Name: Kmart #9037
 Legal Desc Section: 35
 Legal Desc Township: 32S
 Legal Desc Range: 15E
Site Status: **Closed**
 Facility ID: 26435
 Initial Report Date: 3/20/1990
 Release Date: Not reported
 Owner Id: 26418
 Owner: K-mart Coop
 Leak Type: Not reported
 Reported By: Not reported
 Kdhe Staffname: Norman Mckee
 Assessment Description: One 550 gallon steel waste oil UST and associated piping was removed. Note: The tank registration shows a 1,000 gallon tank.

 Update Information: Not reported
 Lat/Longitude: 37.22502 / -95.73966
 Trust: Not reported

UST:

Facility ID:	26435	Owner ID:	26418
Tank ID:	001	Capacity (Gals):	1000
Tank Type:	U	Tank Exempt:	No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

KMART #9037 (Continued)

U000873199

Tank Status: Permanently Out Of Use			
Hazards: Fire,Chronic			
Petroleum Substance:	Used Oil	NonPetroleum Substance:	Not reported
Estimated Yr in Service:	1976	Date Removed:	3/15/1990
Last Permit Printed:	Not reported	Current Permit Printed:	Not reported
Out of service Mo/Yr:	03/1990	QTY Remaining in Tank:	0
Filled/Removed:	Removed		
Tank Empty:	Not reported		
Line Construction:	Not reported		
Facility Signed Date:	4/3/1986		
Owner Signed Date:	4/3/1986		
Facility Update Date:	4/3/1986		
Phone 24 Hours:	316-331-1100		
Marketer?:	Not reported	Standby?:	Not reported
Contact:	M W Swope	Contact Title:	Manager
Facility Tel:	316-331-1100		
Facility 911 Address:	2505 W MAIN ST.		
Facility 911 Zip:	INDEPENDENCE, KS 67301		
Facility District:	SE		
Facility Location Method:	GARMIN 3 PLUS	Facility Lat/Long:	37.22502/-95.73966
Facility Feature:	Facility Center		
Facility Datum:	WGS84		
Owner:	K-MART CORPORATION		
Owner Type:	Private Or Corp.		
Owner/Rep Name:	J B Ronan		
Owner/Rep Title:	Assistant Contr		
Owner Tel:	313-643-1790		
Owner Address:	3100 W BIG BEAVER		
Owner City, State, Zip:	TROY, MI 48084		
Owner County:	OAKLAND		
Principal CERCLA Substance/Chem Abstract Service Num:	Not reported		

5 ROMANS MOTOR CO
NE 2313 W MAIN ST
1/4-1/2 INDEPENDENCE, KS 67301
2122 ft.

LUST S102407033
N/A

Relative:	LUST:	
Lower	Project Number:	U3-063-00592
	Project Name:	Romans Motor Co
Actual:	Legal Desc Section:	35
779 ft.	Legal Desc Township:	32S
	Legal Desc Range:	15E
	Site Status:	Closed
	Facility ID:	19547
	Initial Report Date:	8/27/1993
	Release Date:	Not reported
	Owner Id:	19547
	Owner:	Romans Motor Company
	Leak Type:	Not reported
	Reported By:	Not reported
	Kdhe Staffname:	Timothy Wilson
	Assessment Description:	One 500 gallon UST was removed from east of the building. One 1,000 gallon UST was removed from southwest of the building. They over excavated the site. Approximately 16-20 yards of waste oil contaminated soil was removed to be land farmed. The land
	Update Information:	Not reported
	Lat/Longitude:	37.22356 / -95.73635

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

ROMANS MOTOR CO (Continued)

EDR ID Number
 EPA ID Number

Database(s)

Trust: Not reported

S102407033

**A6
 NE
 1/4-1/2
 2458 ft.**

**EMERSON MOTOR COMPANY
 2400 WEST LAUREL STREET
 INDEPENDENCE, KS 67301**

**SHWS S105257422
 VCP N/A**

Site 1 of 3 in cluster A

**Relative:
 Higher**

SHWS:

**Actual:
 788 ft.**

Site ID: 763
 Has Env Use Control: No
 Project code: C306370963
 PM Name: ARNWINE, F.
Site Status: Resolved
 District Office: SEDO
 Lat/Long: 37.22817 / -95.73748
 River Basin: Verdigris
 Aquifer Yield: Unknown
 Other Aquifers: Not reported
 Parent PC: Not reported
 Parent Name: Not reported
 CERCLIS ID: Not reported
 Discovery Date: 2000-02-29
 Depth To GW: 0-10 feet
 Depth To Bedrock: 0-10 feet
 Aquifer Yield: 0-10 gpm
 GW Flow Direction: Not reported
 Acres Affected: 5-25 acres
 Waste Present: False
 Product Present: False
 Program: Voluntary Cleanup
 Lead Agency: BER - Remedial
 Contaminants: Other (see Site Narrative)
 Media Act: Soil
 Media Pot: Not reported
 Source: Abandoned Facility
 Land Use: Commercial, Industrial
 Private well: Monitoring
 Waste Present: Not reported
 Product: Not reported
 Receptor Act: Not reported
 Receptor Pot: Not reported
 Remed Air: Not reported
 Remed Soil: Contaminated Soil Removed/Offsite, Off-Site Disposal
 Remed Water: Not reported
 Remedir: Not reported
 Alias: Not reported
 Eucan Number: Not reported
 Date: Not reported

Narrative: The EMC facility was constructed in the early 1970's and was used for the manufacture of fractional horsepower electric motors. EMC ceased the manufacturing operations at the facility in August 1999. The site is located in a commercial and industrial area of Independence, with no residential properties adjacent to the property. This area has been zoned for heavy industrial use by the city of Independence. The site is characterized by a thin layer of soil and unconsolidated material that overlies sedimentary bedrock comprised of interbedded shale, limestone and siltstone/sandstone. The voluntary cleanup investigation performed by ESC found TPH/DRO at a maximum concentration of

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

EMERSON MOTOR COMPANY (Continued)

S105257422

12,000 mg/kg in the subsurface soil. This level is within the Kansas Tier 2 Risk Based standards for a nonresidential area. No contaminants exceeding these standards were found during the investigation. No further action was deemed necessary at this site and the voluntary agreement was terminated on May 21, 2001.

Activity Type: No Further Action (NFA) Letter Issued
Activity Status: C
Start Date: Not reported
End Date: 5/4/2001

Activity Type: Voluntary Cleanup Investigation (VCI)
Activity Status: C
Start Date: 7/24/2000
End Date: 4/6/2001

Activity Type: Voluntary Agreement
Activity Status: C
Start Date: Not reported
End Date: 5/16/2000

Activity Type: No Further Action (NFA) Letter Issued
Activity Status: C
Start Date: Not reported
End Date: 5/4/2001

Activity Type: Voluntary Cleanup Investigation (VCI)
Activity Status: C
Start Date: 7/24/2000
End Date: 4/6/2001

Activity Type: Voluntary Agreement
Activity Status: C
Start Date: Not reported
End Date: 5/16/2000

VCP:

Site ID: 763
Project code: C306370963
PM Name: ARNWINE, F.
Site Status: Resolved

Program: Voluntary Cleanup

Narrative: The EMC facility was constructed in the early 1970's and was used for the manufacture of fractional horsepower electric motors. EMC ceased the manufacturing operations at the facility in August 1999. The site is located in a commercial and industrial area of Independence, with no residential properties adjacent to the property. This area has been zoned for heavy industrial use by the city of Independence. The site is characterized by a thin layer of soil and unconsolidated material that overlies sedimentary bedrock comprised of interbedded shale, limestone and siltstone/sandstone. The voluntary cleanup investigation performed by ESC found TPH/DRO at a maximum concentration of 12,000 mg/kg in the subsurface soil. This level is within the Kansas Tier 2 Risk Based standards for a nonresidential area. No contaminants exceeding these standards were found during the investigation. No further action was deemed necessary at this site and the voluntary agreement was terminated on May 21, 2001.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EMERSON MOTOR COMPANY (Continued)

S105257422

Activity Type: No Further Action (NFA) Letter Issued
 Activity Status: C
 Start Date: Not reported
 End Date: 5/4/2001

Activity Type: Voluntary Cleanup Investigation (VCI)
 Activity Status: C
 Start Date: 7/24/2000
 End Date: 4/6/2001

Activity Type: Voluntary Agreement
 Activity Status: C
 Start Date: Not reported
 End Date: 5/16/2000

Activity Type: No Further Action (NFA) Letter Issued
 Activity Status: C
 Start Date: Not reported
 End Date: 5/4/2001

Activity Type: Voluntary Cleanup Investigation (VCI)
 Activity Status: C
 Start Date: 7/24/2000
 End Date: 4/6/2001

Activity Type: Voluntary Agreement
 Activity Status: C
 Start Date: Not reported
 End Date: 5/16/2000

**A7
 NE
 1/4-1/2
 2458 ft.**

**MATCOR METAL FABRICATION INC
 2400 W LAUREL
 INDEPENDENCE, KS 67301**

**RCRA-SQG 1000369585
 FINDS KSD065768277
 LUST
 UST**

Site 2 of 3 in cluster A

**Relative:
 Higher**

RCRAInfo:
 Owner: EMERSON ELECTRIC CO
 (314) 553-2000
 EPA ID: KSD065768277
 Contact: BOBBY JONES
 (620) 331-9580

**Actual:
 788 ft.**

Classification: Conditionally Exempt Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: kar 28 31 4 g 4
 Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
 Date Violation Determined: 09/15/1998
 Actual Date Achieved Compliance: 10/26/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 09/15/1998
 Penalty Type: Not reported

Regulation Violated: kar 28 31 4 g 4
 Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
 Date Violation Determined: 09/15/1998

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MATCOR METAL FABRICATION INC (Continued)

1000369585

Actual Date Achieved Compliance: 10/26/1998
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/15/1998
Penalty Type: Not reported
Regulation Violated: kar 28 31 4 j
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 09/15/1998
Actual Date Achieved Compliance: 09/15/1998
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/15/1998
Penalty Type: Not reported
Regulation Violated: KAR 28 31 4 G 4
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 10/16/1996
Actual Date Achieved Compliance: 10/25/1996
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/16/1996
Penalty Type: Not reported
Regulation Violated: KAR 28 31 4 G 4
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 10/16/1996
Actual Date Achieved Compliance: 10/25/1996
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/16/1996
Penalty Type: Not reported
Regulation Violated: KAR 28 31 4 G4
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 10/16/1996
Actual Date Achieved Compliance: 10/25/1996
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/16/1996
Penalty Type: Not reported
Regulation Violated: KAR 28 31 4 G 4
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 10/16/1996
Actual Date Achieved Compliance: 10/25/1996
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/16/1996
Penalty Type: Not reported
Regulation Violated: KAR 28 31 4 G 4
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 10/16/1996
Actual Date Achieved Compliance: 10/25/1996
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/16/1996
Penalty Type: Not reported
Regulation Violated: KAR 28 31 4 K
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 10/16/1996
Actual Date Achieved Compliance: 10/25/1996

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

MATCOR METAL FABRICATION INC (Continued)

1000369585

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/16/1996
Penalty Type: Not reported

Regulation Violated: KAR 28 31 4 K
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 10/16/1996
Actual Date Achieved Compliance: 10/25/1996

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 10/16/1996
Penalty Type: Not reported

Regulation Violated: KAR 28-31-4(C)(1)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 08/18/1994
Actual Date Achieved Compliance: 09/13/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/18/1994
Penalty Type: Not reported

Regulation Violated: KAR 28-31-4
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 08/18/1994
Actual Date Achieved Compliance: 09/13/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/18/1994
Penalty Type: Not reported

Regulation Violated: 40 CFR 265.16(D)(3)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 08/18/1994
Actual Date Achieved Compliance: 10/18/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/18/1994
Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/13/1994
Penalty Type: Not reported

Regulation Violated: KAR 28-31-4 (J)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 08/18/1994
Actual Date Achieved Compliance: 09/13/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/18/1994
Penalty Type: Not reported

Regulation Violated: KAR 29-31-4(K)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 08/18/1994
Actual Date Achieved Compliance: 09/13/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/18/1994
Penalty Type: Not reported

Regulation Violated: KAR 28-31-4-(K)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MATCOR METAL FABRICATION INC (Continued)

1000369585

Date Violation Determined: 08/18/1994
 Actual Date Achieved Compliance: 09/13/1994

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 08/18/1994
 Penalty Type: Not reported

Regulation Violated: Not reported
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 05/04/1990
 Actual Date Achieved Compliance: 06/07/1990

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 05/21/1990
 Penalty Type: Not reported

Regulation Violated: Not reported
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 10/21/1988
 Actual Date Achieved Compliance: 11/23/1988

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 10/25/1988
 Penalty Type: Not reported

Regulation Violated: Not reported
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 01/28/1987
 Actual Date Achieved Compliance: 07/13/1987

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
 Enforcement Action Date: 06/10/1987
 Penalty Type: Proposed Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 02/19/1987
 Penalty Type: Proposed Monetary Penalty

Regulation Violated: Not reported
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 01/28/1987
 Actual Date Achieved Compliance: 04/27/1987

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 02/19/1987
 Penalty Type: Not reported

Regulation Violated: Not reported
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 01/28/1987
 Actual Date Achieved Compliance: 04/27/1987

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 02/19/1987
 Penalty Type: Not reported

There are 21 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19981026
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19981026
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980915
Compliance Evaluation Inspection	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19961025

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
MATCOR METAL FABRICATION INC (Continued)		
		1000369585
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19961025
Compliance Schedule Evaluation	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19941018
Compliance Evaluation Inspection	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19940913
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19940913
	GENERATOR-GENERAL REQUIREMENTS	19940913
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19940913
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19940913
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19941018
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19900607
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19881123
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19870427
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19870427
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19870713

FINDS:

Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

KS-FP (Kansas - Facility Profiler) is a geographically-based data warehouse site that presents information about facilities and locations of interest to the KDHE. This site has in excess of twenty environmental interest which contains information on closed facilities, completed cleanups, and past operations as well as data on current operations and activities.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

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.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

MATCOR METAL FABRICATION INC (Continued)

1000369585

LUST:

Project Number: U3-063-00345
 Project Name: Emerson Electric Co.
 Legal Desc Section: 26
 Legal Desc Township: 32S
 Legal Desc Range: 15E
Site Status: Closed
 Facility ID: 24001
 Initial Report Date: 10/3/1990
 Release Date: Not reported
 Owner Id: 24001
 Owner: Not reported
 Leak Type: Not reported
 Reported By: Not reported
 Kdhe Staffname: Not reported
 Assessment Description: usts removed. soil removed from excavation <200ppm. kdhe authorized soil to be spread out on site. lines associated with 1 of tank area left in place. investigation to determine any contamination to be performed. borings will be drilled & samples co
 Update Information: 04/98: site assigned monitor status based on information in 2 monitoring reports. 02/10/99: site assigned a closed status by district staff.
 Lat/Longitude: 37.22659 / -95.7377
 Trust: Not reported

UST:

Facility ID:	24001	Owner ID:	24001
Tank ID:	001	Capacity (Gals):	10000
Tank Type:	U	Tank Exempt:	No
Tank Status:	Permanently Out Of Use		
Hazards:	Not reported		
Petroleum Substance:	Not reported	NonPetroleum Substance:	VARNISH
Estimated Yr in Service:	1973	Date Removed:	10/15/1990
Last Permit Printed:	Not reported	Current Permit Printed:	Not reported
Out of service Mo/Yr:	101990	QTY Remaining in Tank:	0
Filled/Removed:	Removed		
Tank Empty:	Not reported		
Line Construction:	Not reported		
Facility Signed Date:	3/26/1986		
Owner Signed Date:	3/26/1986		
Facility Update Date:	3/26/1986		
Phone 24 Hours:	316-331-6650		
Marketer?:	Not reported	Standby?:	Not reported
Contact:	Stan Meyer	Contact Title:	Engineering Manager
Facility Tel:	316-331-6650		
Facility 911 Address:	2400 W LAUREL		
Facility 911 Zip:	INDEPENDENCE, KS 67301		
Facility District:	SE		
Facility Location Method:	GARMIN 3 PLUS	Facility Lat/Long:	37.22659/-95.73770
Facility Feature:	Facility Center		
Facility Datum:	WGS84		
Owner:	EMERSON ELECTRIC CO		
Owner Type:	Current		
Owner/Rep Name:	Stan Meyer		
Owner/Rep Title:	Not reported		
Owner Tel:	316-331-6650		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

MATCOR METAL FABRICATION INC (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000369585

Owner Address: 2400 W LAUREL
 Owner City, State, Zip: INDEPENDENCE, KS 67301
 Owner County: MONTGOMERY
 Principal CERCLA Substance/Chem Abstract Service Num: Not reported

Facility ID:	24001	Owner ID:	24001
Tank ID:	002	Capacity (Gals):	10000
Tank Type:	U	Tank Exempt:	No

Tank Status: Permanently Out Of Use
Hazards: Fire,Chronic,Acute

Petroleum Substance:	Not reported	NonPetroleum Substance:	XYLENE
Estimated Yr in Service:	1973	Date Removed:	10/15/1990
Last Permit Printed:	Not reported	Current Permit Printed:	Not reported
Out of service Mo/Yr:	101990	QTY Remaining in Tank:	0
Filled/Removed:	Removed		
Tank Empty:	Not reported		
Line Construction:	Not reported		
Facility Signed Date:	3/26/1986		
Owner Signed Date:	3/26/1986		
Facility Update Date:	3/26/1986		
Phone 24 Hours:	316-331-6650		
Marketer?:	Not reported	Standby?:	Not reported
Contact:	Stan Meyer	Contact Title:	Engineering Manager
Facility Tel:	316-331-6650		
Facility 911 Address:	2400 W LAUREL		
Facility 911 Zip:	INDEPENDENCE, KS 67301		
Facility District:	SE		
Facility Location Method:	GARMIN 3 PLUS	Facility Lat/Long:	37.22659/-95.73770
Facility Feature:	Facility Center		
Facility Datum:	WGS84		
Owner:	EMERSON ELECTRIC CO		
Owner Type:	Current		
Owner/Rep Name:	Stan Meyer		
Owner/Rep Title:	Not reported		
Owner Tel:	316-331-6650		
Owner Address:	2400 W LAUREL		
Owner City, State, Zip:	INDEPENDENCE, KS 67301		
Owner County:	MONTGOMERY		
Principal CERCLA Substance/Chem Abstract Service Num:	1330-20-7		

Facility ID:	24001	Owner ID:	24001
Tank ID:	003	Capacity (Gals):	500
Tank Type:	U	Tank Exempt:	No

Tank Status: Permanently Out Of Use
Hazards: Not reported

Petroleum Substance:	Empty	NonPetroleum Substance:	Not reported
Estimated Yr in Service:	1973	Date Removed:	10/15/1990
Last Permit Printed:	Not reported	Current Permit Printed:	Not reported
Out of service Mo/Yr:	101990	QTY Remaining in Tank:	0
Filled/Removed:	Removed		
Tank Empty:	Not reported		
Line Construction:	Not reported		
Facility Signed Date:	3/26/1986		
Owner Signed Date:	3/26/1986		
Facility Update Date:	3/26/1986		
Phone 24 Hours:	316-331-6650		
Marketer?:	Not reported	Standby?:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

MATCOR METAL FABRICATION INC (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000369585

Contact:	Stan Meyer	Contact Title:	Engineering Manager
Facility Tel:	316-331-6650		
Facility 911 Address:	2400 W LAUREL		
Facility 911 Zip:	INDEPENDENCE, KS 67301		
Facility District:	SE		
Facility Location Method:	GARMIN 3 PLUS	Facility Lat/Long:	37.22659/-95.73770
Facility Feature:	Facility Center		
Facility Datum:	WGS84		
Owner:	EMERSON ELECTRIC CO		
Owner Type:	Current		
Owner/Rep Name:	Stan Meyer		
Owner/Rep Title:	Not reported		
Owner Tel:	316-331-6650		
Owner Address:	2400 W LAUREL		
Owner City, State, Zip:	INDEPENDENCE, KS 67301		
Owner County:	MONTGOMERY		
Principal CERCLA Substance/Chem Abstract Service Num:	Not reported		
Facility ID:	24001	Owner ID:	24001
Tank ID:	004	Capacity (Gals):	10000
Tank Type:	U	Tank Exempt:	No
Tank Status:	Permanently Out Of Use		
Hazards:	Not reported		
Petroleum Substance:	Not reported	NonPetroleum Substance:	LAM OIL
Estimated Yr in Service:	1979	Date Removed:	10/15/1990
Last Permit Printed:	Not reported	Current Permit Printed:	Not reported
Out of service Mo/Yr:	101990	QTY Remaining in Tank:	0
Filled/Removed:	Removed		
Tank Empty:	Not reported		
Line Construction:	Not reported		
Facility Signed Date:	3/26/1986		
Owner Signed Date:	3/26/1986		
Facility Update Date:	3/26/1986		
Phone 24 Hours:	316-331-6650		
Marketer?:	Not reported	Standby?:	Not reported
Contact:	Stan Meyer	Contact Title:	Engineering Manager
Facility Tel:	316-331-6650		
Facility 911 Address:	2400 W LAUREL		
Facility 911 Zip:	INDEPENDENCE, KS 67301		
Facility District:	SE		
Facility Location Method:	GARMIN 3 PLUS	Facility Lat/Long:	37.22659/-95.73770
Facility Feature:	Facility Center		
Facility Datum:	WGS84		
Owner:	EMERSON ELECTRIC CO		
Owner Type:	Current		
Owner/Rep Name:	Stan Meyer		
Owner/Rep Title:	Not reported		
Owner Tel:	316-331-6650		
Owner Address:	2400 W LAUREL		
Owner City, State, Zip:	INDEPENDENCE, KS 67301		
Owner County:	MONTGOMERY		
Principal CERCLA Substance/Chem Abstract Service Num:	Not reported		

MAP FINDINGS

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A8
NE
1/4-1/2
2458 ft.

HACKNEY A DIV OF SVC
300 HACKNEY AVE
INDEPENDENCE, KS 67301

RCRA-SQG 1000271526
FINDS 67301HCKNY30
LUST
TRIS
UST
AST

Relative:
Higher

Site 3 of 3 in cluster A

Actual:
788 ft.

RCRAInfo:

Owner: TRANSPORTATION TECHNOLOGIES INC
 (252) 946-6521
 EPA ID: KSD062737770
 Contact: JANA DANIELS
 (620) 331-6600

Classification: Small Quantity Generator
 TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: kar 28 31 4 b
 Area of Violation: GENERATOR-GENERAL REQUIREMENTS
 Date Violation Determined: 07/02/1998
 Actual Date Achieved Compliance: 08/28/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/02/1998
 Penalty Type: Not reported

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/14/1998
 Penalty Type: Not reported

Regulation Violated: kar 28 31 4 g 2
 Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
 Date Violation Determined: 05/15/1998
 Actual Date Achieved Compliance: 07/13/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 05/15/1998
 Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/02/1998
 Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/14/1998
 Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
 Enforcement Action Date: 12/16/1998
 Penalty Type: Final Monetary Penalty

Regulation Violated: kar 28 31 4 j
 Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
 Date Violation Determined: 05/15/1998
 Actual Date Achieved Compliance: 07/13/1998

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 05/15/1998
 Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 07/02/1998
 Penalty Type: Final Monetary Penalty

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HACKNEY A DIV OF SVC (Continued)

1000271526

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/14/1998
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 12/16/1998
Penalty Type: Final Monetary Penalty

Regulation Violated: kar 28 31 4 j
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 05/15/1998
Actual Date Achieved Compliance: 07/13/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/15/1998
Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/02/1998
Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/14/1998
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 12/16/1998
Penalty Type: Final Monetary Penalty

Regulation Violated: kar 28 31 4 g 1
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 05/15/1998
Actual Date Achieved Compliance: 07/13/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/15/1998
Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/02/1998
Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/14/1998
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 12/16/1998
Penalty Type: Final Monetary Penalty

Regulation Violated: kar 28 31 4 g 4
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 05/15/1998
Actual Date Achieved Compliance: 07/13/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/15/1998
Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/02/1998
Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/14/1998

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HACKNEY A DIV OF SVC (Continued)

1000271526

Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 12/16/1998
Penalty Type: Final Monetary Penalty
Regulation Violated: kar 28 31 4 g 4
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 05/15/1998
Actual Date Achieved Compliance: 07/13/1998
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/15/1998
Penalty Type: Final Monetary Penalty
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/02/1998
Penalty Type: Final Monetary Penalty
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/14/1998
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 12/16/1998
Penalty Type: Final Monetary Penalty
Regulation Violated: kar 28 31 14
Area of Violation: GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined: 05/15/1998
Actual Date Achieved Compliance: 07/13/1998
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/15/1998
Penalty Type: Final Monetary Penalty
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/02/1998
Penalty Type: Final Monetary Penalty
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/14/1998
Penalty Type: Final Monetary Penalty
Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 12/16/1998
Penalty Type: Final Monetary Penalty
Regulation Violated: kar 28 31 4 g 3
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 05/15/1998
Actual Date Achieved Compliance: 07/13/1998
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/15/1998
Penalty Type: Final Monetary Penalty
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/02/1998
Penalty Type: Final Monetary Penalty
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/14/1998
Penalty Type: Final Monetary Penalty

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

HACKNEY A DIV OF SVC (Continued)

1000271526

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 12/16/1998
Penalty Type: Final Monetary Penalty

Regulation Violated: kar 28 31 4 g 4
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 05/15/1998
Actual Date Achieved Compliance: 07/13/1998

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/15/1998
Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/02/1998
Penalty Type: Final Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/14/1998
Penalty Type: Final Monetary Penalty

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 12/16/1998
Penalty Type: Final Monetary Penalty

Regulation Violated: 40 CFR 265.16(D)(4)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 07/20/1994
Actual Date Achieved Compliance: 08/16/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/20/1994
Penalty Type: Not reported

Regulation Violated: KAR 28-31-4(J)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 07/20/1994
Actual Date Achieved Compliance: 08/16/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/20/1994
Penalty Type: Not reported

Regulation Violated: KAR 28-31-4(G)(3)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 07/20/1994
Actual Date Achieved Compliance: 08/16/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/20/1994
Penalty Type: Not reported

Regulation Violated: 40 CFR 262.34(A)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 07/20/1994
Actual Date Achieved Compliance: 08/16/1994

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/20/1994
Penalty Type: Not reported

Regulation Violated: 40 CFR 265.15(D)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 07/20/1994

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

HACKNEY A DIV OF SVC (Continued)

1000271526

Actual Date Achieved Compliance: 08/16/1994
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/20/1994
Penalty Type: Not reported
Regulation Violated: KAR 28-31-4(K)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 07/20/1994
Actual Date Achieved Compliance: 08/16/1994
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/20/1994
Penalty Type: Not reported
Regulation Violated: 40 CER 262.20
Area of Violation: GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined: 07/20/1994
Actual Date Achieved Compliance: 08/16/1994
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/20/1994
Penalty Type: Not reported
Regulation Violated: KAR 28-31-4(C)(1)
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 07/20/1994
Actual Date Achieved Compliance: 08/16/1994
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/20/1994
Penalty Type: Not reported
Regulation Violated: KAR 28-31-4(G)(2)
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 07/20/1994
Actual Date Achieved Compliance: 08/16/1994
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 07/20/1994
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 11/27/1990
Actual Date Achieved Compliance: 01/11/1991
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 12/03/1990
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 05/10/1989
Actual Date Achieved Compliance: 06/27/1989
Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 05/30/1989
Penalty Type: Not reported
Regulation Violated: Not reported
Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 05/10/1989
Actual Date Achieved Compliance: 06/27/1989

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HACKNEY A DIV OF SVC (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000271526

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 05/30/1989
 Penalty Type: Not reported

Regulation Violated: Not reported
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 02/24/1988
 Actual Date Achieved Compliance: 11/30/1988

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/17/1988
 Penalty Type: Not reported

Regulation Violated: Not reported
 Area of Violation: GENERATOR-ALL REQUIREMENTS (OVERSIGHT)
 Date Violation Determined: 02/24/1988
 Actual Date Achieved Compliance: 08/31/1988

Enforcement Action: FINAL 3008(A) COMPLIANCE ORDER
 Enforcement Action Date: 05/31/1988
 Penalty Type: Proposed Monetary Penalty

Enforcement Action: WRITTEN INFORMAL
 Enforcement Action Date: 03/17/1988
 Penalty Type: Proposed Monetary Penalty

Penalty Summary:

Penalty Description	Penalty Date	Penalty Amount	Lead Agency
Final Monetary Penalty	12/16/1998	13600	STATE

There are 24 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Schedule Evaluation	GENERATOR-MANIFEST REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
Compliance Schedule Evaluation	GENERATOR-GENERAL REQUIREMENTS	19980828
	GENERATOR-MANIFEST REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19980828
	GENERATOR-MANIFEST REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
HACKNEY A DIV OF SVC (Continued)		1000271526
Compliance Evaluation Inspection	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19980713
	GENERATOR-MANIFEST REQUIREMENTS	19940816
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19940816
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19940816
	GENERATOR-GENERAL REQUIREMENTS	19940816
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19940816
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19940816
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19940816
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19910111
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19890627
Compliance Evaluation Inspection	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19881130
	GENERATOR-ALL REQUIREMENTS (OVERSIGHT)	19880831

FINDS:

Other Pertinent Environmental Activity Identified at Site

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

KS-FP (Kansas - Facility Profiler) is a geographically-based data warehouse site that presents information about facilities and locations of interest to the KDHE. This site has in excess of twenty environmental interest which contains information on closed facilities, completed cleanups, and past operations as well as data on current operations and activities.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HACKNEY A DIV OF SVC (Continued)

1000271526

their precursors, as well as hazardous air pollutants (HAPs).

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

LUST:

Project Number:	U3-063-00346
Project Name:	Hackney & Sons
Legal Desc Section:	26
Legal Desc Township:	32S
Legal Desc Range:	15E
Site Status:	Closed
Facility ID:	23986
Initial Report Date:	10/3/1990
Release Date:	Not reported
Owner Id:	23986
Owner:	Not reported
Leak Type:	Not reported
Reported By:	Hackney & Sons Midwest
Kdhe Staffname:	Not reported
Assessment Description:	a site investigation will be conducted to determine the extent of the problem. there is no immediate environmental threat.
Update Information:	04/14/93: site assigned closed status
Lat/Longitude:	37.22734 / -95.73354
Trust:	Not reported

UST:

Facility ID:	23986	Owner ID:	23986
Tank ID:	001	Capacity (Gals):	2000
Tank Type:	U	Tank Exempt:	No
Tank Status:	Permanently Out Of Use		
Hazards:	Fire,Chronic,Acute		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HACKNEY A DIV OF SVC (Continued)

1000271526

Petroleum Substance: Gas (Incl Alcohol) Estimated Yr in Service: 1979 Last Permit Printed: Not reported Out of service Mo/Yr: 121992 Filled/Removed: Removed Tank Empty: Not reported Line Construction: Not reported Facility Signed Date: 5/6/1986 Owner Signed Date: 5/6/1986 Facility Update Date: 5/6/1986 Phone 24 Hours: 316-331-6600 Marketer?: Not reported Contact: George D Wait Facility Tel: 316-331-6600 Facility 911 Address: 300 HACKNEY AVE Facility 911 Zip: INDEPENDENCE, KS 67301 Facility District: SE Facility Location Method: GARMIN 3 PLUS Facility Feature: Facility Center Facility Datum: WGS84 Owner: HACKNEY & SONS (MIDWEST) INC Owner Type: Private Or Corp. Owner/Rep Name: Keith D Hackney Owner/Rep Title: General Counsel Owner Tel: 316-331-6600 Owner Address: XXXXX Owner City, State, Zip: INDEPENDENCE, KS 67301 Owner County: MONTGOMERY Principal CERCLA Substance/Chem Abstract Service Num: 8006-61-9	NonPetroleum Substance: Not reported Date Removed: 12/15/1992 Current Permit Printed: Not reported QTY Remaining in Tank: 0 Standby?: Not reported Contact Title: Plant Manager Facility Lat/Long: 37.22734/-95.73354 Owner ID: 23986 Capacity (Gals): 4000 Tank Exempt: No NonPetroleum Substance: Not reported Date Removed: 12/15/1992 Current Permit Printed: Not reported QTY Remaining in Tank: 0 Standby?: Not reported Contact Title: Plant Manager Facility Lat/Long: 37.22734/-95.73354
--	---

Tank Status: Permanently Out Of Use
Hazards: Fire,Chronic,Acute

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

HACKNEY A DIV OF SVC (Continued)

1000271526

Owner/Rep Name: Keith D Hackney
 Owner/Rep Title: General Counsel
 Owner Tel: 316-331-6600
 Owner Address: XXXXX
 Owner City, State, Zip: INDEPENDENCE, KS 67301
 Owner County: MONTGOMERY
 Principal CERCLA Substance/Chem Abstract Service Num: 8006-61-9

Facility ID: 23986 Owner ID: 23986
 Tank ID: 003 Capacity (Gals): 4000
 Tank Type: U Tank Exempt: No

Tank Status: Permanently Out Of Use

Hazards: Not reported

Petroleum Substance: Diesel NonPetroleum Substance: Not reported
 Estimated Yr in Service: 1979 Date Removed: 12/15/1992
 Last Permit Printed: Not reported Current Permit Printed: Not reported
 Out of service Mo/Yr: 12/1992 QTY Remaining in Tank: 0

Filled/Removed: Removed
 Tank Empty: Not reported

Line Construction: Not reported

Facility Signed Date: 5/6/1986

Owner Signed Date: 5/6/1986

Facility Update Date: 5/6/1986

Phone 24 Hours: 316-331-6600

Marketer?: Not reported

Standby?: Not reported

Contact: George D Wait

Contact Title: Plant Manager

Facility Tel: 316-331-6600

Facility 911 Address: 300 HACKNEY AVE

Facility 911 Zip: INDEPENDENCE, KS 67301

Facility District: SE

Facility Location Method: GARMIN 3 PLUS

Facility Lat/Long: 37.22734/-95.73354

Facility Feature: Facility Center

Facility Datum: WGS84

Owner: HACKNEY & SONS (MIDWEST) INC

Owner Type: Private Or Corp.

Owner/Rep Name: Keith D Hackney

Owner/Rep Title: General Counsel

Owner Tel: 316-331-6600

Owner Address: XXXXX

Owner City, State, Zip: INDEPENDENCE, KS 67301

Owner County: MONTGOMERY

Principal CERCLA Substance/Chem Abstract Service Num: Not reported

AST:

Facility ID: 23986 Owner ID: 23986

Tank ID: 001 Capacity (Gals): 560

Tank Type: A Tank Status: Current In Use

Tank Empty: Not reported Line Construction: Not reported

Facility Signed Date: 5/6/1986 Owner Signed Date: 5/6/1986

Facility Update Date: 5/6/1986 Phone 24 Hours: 316-331-6600

Installation Year: 1900 Date Removed: Not reported

Last Permit Printed: Not reported Current Permit Printed: Not reported

Marketer?: Not reported Standby?: Not reported

Material of Construction: Not reported

Petroleum Substance: Gas (Incl Alcohol) NonPetroleum Substance: Not reported

Hazards: Fire,Chronic,Acute QTY remaining in Tank: 0

Out of service Mo/Yr: Not reported Exempt: No

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

HACKNEY A DIV OF SVC (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000271526

Contact:	George D Wait	Contact Title:	Plant Manager
Facility 911 Address:	300 HACKNEY AVE		
Facility 911 City,St,Zip:	INDEPENDENCE, KS 67301		
Facility Phone:	316-331-6600	Facility District:	SE
Facility Lat/Long:	37.22734 -95.73354	Facility Location Method:	GARMIN 3 PLUS
Facility Feature:	Facility Center	Facility Datum:	WGS84
Owner Type:	Private Or Corp.		
Owner Name:	HACKNEY & SONS (MIDWEST) INC		
Owner Address:	XXXXX		
Owner City,St Zip:	INDEPENDENCE, KS 67301		
Owner County:	MONTGOMERY		
Owner Phone:	316-331-6600		
Owner Replacement Name:		Keith D Hackney	
Owner Replacement title:		General Counsel	
Principal CERCLA Substance/Chem Abstract Service Num:		8006-61-9	
Facility ID:	23986	Owner ID:	23986
Tank ID:	002	Capacity (Gals):	560
Tank Type:	A	Tank Status:	Current In Use
Tank Empty:	Not reported	Line Construction:	Not reported
Facility Signed Date:	5/6/1986	Owner Signed Date:	5/6/1986
Facility Update Date:	5/6/1986	Phone 24 Hours:	316-331-6600
Installation Year:	1900	Date Removed:	Not reported
Last Permit Printed:	Not reported	Current Permit Printed:	Not reported
Marketer?:	Not reported	Standby?:	Not reported
Material of Construction:	Not reported		
Petroleum Substance:	Diesel	NonPetroleum Substance:	Not reported
Hazards:	Not reported	QTY remaining in Tank:	0
Out of service Mo/Yr:	Not reported	Exempt:	No
Contact:	George D Wait	Contact Title:	Plant Manager
Facility 911 Address:	300 HACKNEY AVE		
Facility 911 City,St,Zip:	INDEPENDENCE, KS 67301		
Facility Phone:	316-331-6600	Facility District:	SE
Facility Lat/Long:	37.22734 -95.73354	Facility Location Method:	GARMIN 3 PLUS
Facility Feature:	Facility Center	Facility Datum:	WGS84
Owner Type:	Private Or Corp.		
Owner Name:	HACKNEY & SONS (MIDWEST) INC		
Owner Address:	XXXXX		
Owner City,St Zip:	INDEPENDENCE, KS 67301		
Owner County:	MONTGOMERY		
Owner Phone:	316-331-6600		
Owner Replacement Name:		Keith D Hackney	
Owner Replacement title:		General Counsel	
Principal CERCLA Substance/Chem Abstract Service Num:		Not reported	

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
INDEPENDENCE	1005440786	SARCO SLUDGE PONDS	RT 1	67301	CERCLIS, FINDS
INDEPENDENCE	1000482697	WILLIAMS COMPRESSOR STATION - GRAHAM	NE 1/4, NE 1/4, SECTION 27	67301	CERCLIS
INDEPENDENCE	1000984253	WHITE TANK TRUCK SERVICE	NW 1/4, SE 1/4, SW 1/4, SECTION 26	67301	CERCLIS, FINDS
INDEPENDENCE	A100297815	MURPHY OIL COMPANY	3800 W. 75 HWY	67301	AST
INDEPENDENCE	S108194744	INDEPENDENCE CITY PARK	CITY PARK	67301	LUST
INDEPENDENCE	1007475654	MONTGOMERY COUNTY LANDFILL	COUNTY ROAD 2600	67301	SHWS, FINDS
INDEPENDENCE	1007475418	ELK CITY AUXILIARY FIELD #4 (FORMER)	ELK CITY STATE PARK, PO BOX 945	67301	SHWS, FINDS
INDEPENDENCE	1000110488	KANSAS DEPT OF TRANSPORTATION	W HWY 75	67301	RCRA-SQG, FINDS
INDEPENDENCE	1001219401	TUBULAR & EQUIP SVCS LLC	1 ME HWY 160	67301	RCRA-SQG, FINDS
INDEPENDENCE	1004702360	STOUTCO INC	3800 W HWY 75	67301	RCRA-SQG, FINDS
INDEPENDENCE	A100268300	GORDON FARMS	3162 W. HWY 160	67301	AST
INDEPENDENCE	2006785058	INDEPENDENCE COUNTRY	INDEPENDENCE COUNTRY		ERNS
INDEPENDENCE	1007474320	INDEPENDENCE MUNICIPAL AIRPORT	INDEPENDENCE MUNICIPAL AIRPORT	67301	SHWS, FINDS
INDEPENDENCE	S105811766	HEARTLAND CEMENT COMPANY	1765 LIMESTONE LANE	67301	SWF/LF
INDEPENDENCE	1007477235	INDEPENDENCE AAF	6 MILES SOUTHWEST OF INDEPENDENCE	67301	SHWS, FINDS
INDEPENDENCE	S107556449	MAGELLAN PIPELINE - RAJAH ROAD	NEAR RAJAH ROAD	67301	SHWS, VCP
INDEPENDENCE	S106080052	AUTOMOTIVE CONTROLS CORP -- OAK STREET PLANT	OAK STREET	67301	SHWS
INDEPENDENCE	1000826098	WERNER PIPE SVC INC	4 MS ON HWY 75	67301	RCRA-SQG, FINDS
INDEPENDENCE	S106153411	INDEPENDENCE SKATE PARK -- BTA	6TH / RAILROAD STREETS	67301	SHWS, BROWNFIELDS
INDEPENDENCE	1001404235	INDEPENDENCE (EX) ARMY AIR FIELD	SEC 20, 21, 22, 28 & 29 T33S, R15E	67301	CERCLIS, FINDS
MONTGOMERY COUNTY	S106779913	RESOURCE RECOVERY, INC.	4237 COUNTY ROAD 5300		SWF/LF
MONTGOMERY COUNTY	S106779866	MONTGOMERY COUNTY TRANSFER STATION	2597 N. HWY. 169		SWF/LF

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: 04/20/2007	Source: EPA
Date Data Arrived at EDR: 05/03/2007	Telephone: N/A
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 07/31/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 10/29/2007
	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

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

Date of Government Version: 04/20/2007	Source: EPA
Date Data Arrived at EDR: 05/03/2007	Telephone: N/A
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 08/03/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 10/29/2007
	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: 04/20/2007	Source: EPA
Date Data Arrived at EDR: 05/03/2007	Telephone: N/A
Date Made Active in Reports: 06/25/2007	Last EDR Contact: 08/03/2007
Number of Days to Update: 53	Next Scheduled EDR Contact: 10/29/2007
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	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: 08/20/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/19/2007
	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: 02/27/2007	Source: EPA
Date Data Arrived at EDR: 03/21/2007	Telephone: 703-412-9810
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 06/20/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 09/17/2007
	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: 03/21/2007	Source: EPA
Date Data Arrived at EDR: 04/27/2007	Telephone: 703-412-9810
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 06/15/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/14/2007	Source: EPA
Date Data Arrived at EDR: 03/20/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 06/04/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 09/03/2007
	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: 913-551-7003
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 07/16/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 09/17/2007
	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: 12/31/2006	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/24/2007	Telephone: 202-267-2180
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 07/23/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 10/22/2007
	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: 03/05/2007	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 04/17/2007	Telephone: 202-366-4555
Date Made Active in Reports: 05/14/2007	Last EDR Contact: 07/18/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/15/2007
	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: 04/20/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/26/2007	Telephone: 703-603-8905
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 07/02/2007
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/01/2007
	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: 04/20/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/26/2007	Telephone: 703-603-8905
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 07/02/2007
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/01/2007
	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: 08/09/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 11/05/2007
	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: 08/13/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 10/01/2007
	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: 04/04/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/04/2007	Telephone: 202-566-2777
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 06/11/2007
Number of Days to Update: 51	Next Scheduled EDR Contact: 09/10/2007
	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: 08/23/2006	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 03/06/2007	Telephone: Varies
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 08/23/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/22/2007
	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: 03/27/2007	Source: EPA
Date Data Arrived at EDR: 03/27/2007	Telephone: 703-416-0223
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 07/02/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 10/01/2007
	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: 07/05/2007
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/17/2007
	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: 12/31/2005	Source: EPA
Date Data Arrived at EDR: 04/27/2007	Telephone: 202-566-0250
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 06/19/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 09/17/2007
	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: 07/30/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/15/2007
	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: 04/13/2007	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/25/2007	Telephone: 202-566-1667
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 06/15/2007
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/13/2007	Source: EPA
Date Data Arrived at EDR: 04/25/2007	Telephone: 202-566-1667
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 06/15/2007
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/17/2007
	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: 12/31/2005	Source: EPA
Date Data Arrived at EDR: 03/13/2007	Telephone: 202-564-4203
Date Made Active in Reports: 04/27/2007	Last EDR Contact: 07/16/2007
Number of Days to Update: 45	Next Scheduled EDR Contact: 10/15/2007
	Data Release Frequency: Annually

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 03/08/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/12/2007	Telephone: 202-564-6023
Date Made Active in Reports: 05/14/2007	Last EDR Contact: 08/20/2007
Number of Days to Update: 32	Next Scheduled EDR Contact: 11/19/2007
	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: 05/01/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/03/2007	Telephone: 202-343-9775
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 08/01/2007
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/29/2007
	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: 06/29/2007
Number of Days to Update: 3	Next Scheduled EDR Contact: 09/24/2007
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 06/15/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/17/2007
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/21/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/03/2007	Telephone: 202-564-5088
Date Made Active in Reports: 05/14/2007	Last EDR Contact: 06/22/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 07/16/2007
	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: 06/11/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/10/2007
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 05/14/2007	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 05/30/2007	Telephone: 202-366-4595
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 05/30/2007
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/27/2007
	Data Release Frequency: Varies

PADS: PCB Activity Database System

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

Date of Government Version: 10/17/2006	Source: EPA
Date Data Arrived at EDR: 11/29/2006	Telephone: 202-566-0500
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 08/09/2007
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/05/2007
	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: 04/05/2007	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 04/25/2007	Telephone: 301-415-7169
Date Made Active in Reports: 05/25/2007	Last EDR Contact: 07/02/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/01/2007
	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: 02/06/2007	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 03/28/2007	Telephone: 303-231-5959
Date Made Active in Reports: 05/14/2007	Last EDR Contact: 06/28/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 09/24/2007
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/12/2007	Source: EPA
Date Data Arrived at EDR: 05/17/2007	Telephone: (913) 551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 07/02/2007
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/01/2007
	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/04/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/03/2007
	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.

Date of Government Version: 12/31/2005	Source: EPA/NTIS
Date Data Arrived at EDR: 03/06/2007	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2007	Last EDR Contact: 06/12/2007
Number of Days to Update: 38	Next Scheduled EDR Contact: 09/10/2007
	Data Release Frequency: Biennially

PWS: Public Water System Data

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 02/24/2000	Source: EPA
Date Data Arrived at EDR: 04/27/2005	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: 08/20/2007
Number of Days to Update: 0	Next Scheduled EDR Contact: 11/19/2007
	Data Release Frequency: N/A

USGS WATER WELLS: National Water Information System (NWIS)

This database consists of well records in the United States. Available site descriptive information includes well location information (latitude and longitude, well depth, site use, water use, and aquifer).

Date of Government Version: 03/25/2005	Source: USGS
Date Data Arrived at EDR: 03/25/2005	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: 03/25/2005
Number of Days to Update: 0	Next Scheduled EDR Contact: N/A
	Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE AND LOCAL RECORDS

SHWS: Identified Sites 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: 05/21/2007	Source: Department of Health and Environment
Date Data Arrived at EDR: 05/22/2007	Telephone: 785-296-1660
Date Made Active in Reports: 06/28/2007	Last EDR Contact: 08/06/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/05/2007
	Data Release Frequency: Semi-Annually

SWF/LF: Directory of Sanitary Landfills, Solid Waste Transfer Stations and Collector in Kansas

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: 05/25/2007	Source: Department of Health and Environment
Date Data Arrived at EDR: 05/29/2007	Telephone: 785-296-1590
Date Made Active in Reports: 06/28/2007	Last EDR Contact: 08/13/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 11/12/2007
	Data Release Frequency: Annually

LUST: Leaking Underground Storage Tank Data

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 05/11/2007	Source: Department of Health and Environment
Date Data Arrived at EDR: 05/11/2007	Telephone: 785-296-1685
Date Made Active in Reports: 06/04/2007	Last EDR Contact: 06/25/2007
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/24/2007
	Data Release Frequency: Quarterly

AOCONCERN: Area of Concern

The City of Wichita has taken the lead for the investigation and remediation efforts with the Kansas Department of Health & Environment, Bureau of Remediation. The primary contaminants of concern are chlorinated solvents and their degradation products.

Date of Government Version: N/A	Source: Department of Environmental Health
Date Data Arrived at EDR: 04/25/2002	Telephone: 315-268-8351
Date Made Active in Reports: 06/28/2002	Last EDR Contact: 03/13/2007
Number of Days to Update: 64	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

UST: Underground Storage Tank Data

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: 05/11/2007	Source: Department of Health and Environment
Date Data Arrived at EDR: 05/11/2007	Telephone: 785-296-1685
Date Made Active in Reports: 06/06/2007	Last EDR Contact: 06/25/2007
Number of Days to Update: 26	Next Scheduled EDR Contact: 09/24/2007
	Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tanks

Leaking aboveground storage tank site locations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/11/2007
Date Data Arrived at EDR: 05/11/2007
Date Made Active in Reports: 06/04/2007
Number of Days to Update: 24

Source: Department of Health & Environment
Telephone: 785-296-1685
Last EDR Contact: 06/25/2007
Next Scheduled EDR Contact: 09/24/2007
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Data
Registered Aboveground Storage Tanks.

Date of Government Version: 05/11/2007
Date Data Arrived at EDR: 05/11/2007
Date Made Active in Reports: 06/06/2007
Number of Days to Update: 26

Source: Department of Health and Environment
Telephone: 785-296-1685
Last EDR Contact: 06/25/2007
Next Scheduled EDR Contact: 09/24/2007
Data Release Frequency: Quarterly

SPILLS: Kansas Spills Database

All spills reported under the regulatory authority of the Department of Health & Environment and the Kansas Corporation Commission.

Date of Government Version: 06/12/2007
Date Data Arrived at EDR: 06/19/2007
Date Made Active in Reports: 06/28/2007
Number of Days to Update: 9

Source: Department of Health and Environment
Telephone: 785-296-1660
Last EDR Contact: 08/06/2007
Next Scheduled EDR Contact: 11/05/2007
Data Release Frequency: Semi-Annually

INST CONTROL: Institutional Controls Information

Sites that have institutional control information entered into the Identified Sites List database.

Date of Government Version: 05/21/2007
Date Data Arrived at EDR: 05/22/2007
Date Made Active in Reports: 06/28/2007
Number of Days to Update: 37

Source: Department of Health & Environment
Telephone: 785-296-8049
Last EDR Contact: 08/06/2007
Next Scheduled EDR Contact: 11/05/2007
Data Release Frequency: Quarterly

VCP: Identified Sites List

Sites included in the Identified Sites List that are identified as Voluntary Cleanup sites.

Date of Government Version: 05/21/2007
Date Data Arrived at EDR: 05/22/2007
Date Made Active in Reports: 06/28/2007
Number of Days to Update: 37

Source: Department of Health & Environment
Telephone: 785-296-8049
Last EDR Contact: 08/06/2007
Next Scheduled EDR Contact: 11/05/2007
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaning Facilities

A listing of registered drycleaners.

Date of Government Version: 06/25/2007
Date Data Arrived at EDR: 06/26/2007
Date Made Active in Reports: 07/23/2007
Number of Days to Update: 27

Source: Department of Health & Environment
Telephone: 785-291-3250
Last EDR Contact: 06/25/2007
Next Scheduled EDR Contact: 09/24/2007
Data Release Frequency: Varies

BROWNFIELDS: Identified Sites List

Sites included in the Identified Sites List that are identified as Brownfields sites.

Date of Government Version: 05/21/2007
Date Data Arrived at EDR: 05/22/2007
Date Made Active in Reports: 06/28/2007
Number of Days to Update: 37

Source: Department of Health & Environment
Telephone: 785-296-8049
Last EDR Contact: 08/06/2007
Next Scheduled EDR Contact: 11/05/2007
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CDL: Clandestine Laboratory Data
Clandestine meth lab location

Date of Government Version: 06/13/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 06/28/2007
Number of Days to Update: 14

Source: Department of Health and Environment
Telephone: 785-368-7301
Last EDR Contact: 06/11/2007
Next Scheduled EDR Contact: 09/10/2007
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 08/09/2007
Next Scheduled EDR Contact: 11/05/2007
Data Release Frequency: Semi-Annually

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

Date of Government Version: 05/23/2007
Date Data Arrived at EDR: 05/24/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 42

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
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: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
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: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Varies

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

Date of Government Version: 03/20/2007
Date Data Arrived at EDR: 04/16/2007
Date Made Active in Reports: 05/14/2007
Number of Days to Update: 28

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
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.

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: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/18/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/18/2007	Telephone: 415-972-3372
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 08/20/2007
Number of Days to Update: 17	Next Scheduled EDR Contact: 11/19/2007
	Data Release Frequency: Quarterly

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: 05/30/2007	Source: EPA Region 8
Date Data Arrived at EDR: 05/31/2007	Telephone: 303-312-6271
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 08/20/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 05/23/2007	Source: EPA Region 10
Date Data Arrived at EDR: 05/24/2007	Telephone: 206-553-2857
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 08/20/2007
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/19/2007
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 05/30/2007	Source: EPA Region 8
Date Data Arrived at EDR: 05/31/2007	Telephone: 303-312-6137
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 08/20/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/19/2007
	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: 08/20/2007
Number of Days to Update: 59	Next Scheduled EDR Contact: 11/19/2007
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 06/06/2007	Source: EPA Region 6
Date Data Arrived at EDR: 06/07/2007	Telephone: 214-665-7591
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 08/20/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/19/2007
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2007	Source: EPA Region 7
Date Data Arrived at EDR: 06/14/2007	Telephone: 913-551-7003
Date Made Active in Reports: 07/05/2007	Last EDR Contact: 08/20/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 11/19/2007
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/20/2007
Date Data Arrived at EDR: 04/16/2007
Date Made Active in Reports: 05/14/2007
Number of Days to Update: 28

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Semi-Annually

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 06/18/2007
Date Data Arrived at EDR: 06/18/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 17

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004
Date Data Arrived at EDR: 12/29/2004
Date Made Active in Reports: 02/04/2005
Number of Days to Update: 37

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 08/20/2007
Next Scheduled EDR Contact: 11/19/2007
Data Release Frequency: Varies

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

FEDERAL RECORDS

PUBLIC SCHOOLS: Public Schools

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.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/13/2004
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: National Center for Education statistics
Telephone: 202-502-7300
Last EDR Contact: 07/11/2007
Next Scheduled EDR Contact: 10/08/2007
Data Release Frequency: N/A

NURSING HOMES: Directory of Nursing Homes

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

Date of Government Version: N/A
Date Data Arrived at EDR: 10/11/2005
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: N/A
Telephone: 800-568-3282
Last EDR Contact: 09/22/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MEDICAL CENTERS: Provider of Services Listing

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 & Human Services.

Date of Government Version: 06/01/1998	Source: Centers for Medicare & Medicaid Services
Date Data Arrived at EDR: 11/10/2005	Telephone: 410-786-3000
Date Made Active in Reports: N/A	Last EDR Contact: 01/12/2007
Number of Days to Update: 0	Next Scheduled EDR Contact: N/A
	Data Release Frequency: N/A

HOSPITALS: AHA Hospital Guide

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

Date of Government Version: N/A	Source: American Hospital Association
Date Data Arrived at EDR: 10/19/1994	Telephone: 800-242-2626
Date Made Active in Reports: N/A	Last EDR Contact: 09/22/2006
Number of Days to Update: 0	Next Scheduled EDR Contact: N/A
	Data Release Frequency: N/A

COLLEGES: Integrated Postsecondary Education Data

The National Center for Education Statistics' primary database on integrated postsecondary education in the United States.

Date of Government Version: N/A	Source: National Center for Education Statistics
Date Data Arrived at EDR: 10/12/2005	Telephone: 202-502-7300
Date Made Active in Reports: N/A	Last EDR Contact: 09/22/2006
Number of Days to Update: 0	Next Scheduled EDR Contact: N/A
	Data Release Frequency: N/A

PRIVATE SCHOOLS: Private Schools of the United States

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

Date of Government Version: N/A	Source: National Center for Education Statistics
Date Data Arrived at EDR: 10/07/2005	Telephone: 202-502-7300
Date Made Active in Reports: N/A	Last EDR Contact: 09/22/2006
Number of Days to Update: 0	Next Scheduled EDR Contact: N/A
	Data Release Frequency: N/A

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: 12/31/2005	Source: Department of Environmental Protection
Date Data Arrived at EDR: 06/15/2007	Telephone: 860-424-3375
Date Made Active in Reports: 08/20/2007	Last EDR Contact: 06/13/2007
Number of Days to Update: 66	Next Scheduled EDR Contact: 09/10/2007
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/01/2007
Next Scheduled EDR Contact: 08/27/2007
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/12/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/18/2007
Next Scheduled EDR Contact: 09/17/2007
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 06/08/2007
Number of Days to Update: 42

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/09/2007
Next Scheduled EDR Contact: 10/08/2007
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

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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.

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.

STREET AND ADDRESS INFORMATION

© 2007 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

COUNTRY VILLAGE NE
WEST MAPLE STREET/CHASE DRIVE
INDEPENDENCE, KS 67301

TARGET PROPERTY COORDINATES

Latitude (North):	37.22040 - 37° 13' 13.4"
Longitude (West):	95.7408 - 95° 44' 26.9"
Universal Transverse Mercator:	Zone 15
UTM X (Meters):	256809.0
UTM Y (Meters):	4122638.8
Elevation:	785 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37095-B6 INDEPENDENCE, KS
Most Recent Revision:	1979
West Map:	37095-B7 BOLTON, KS
Most Recent Revision:	1979

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).

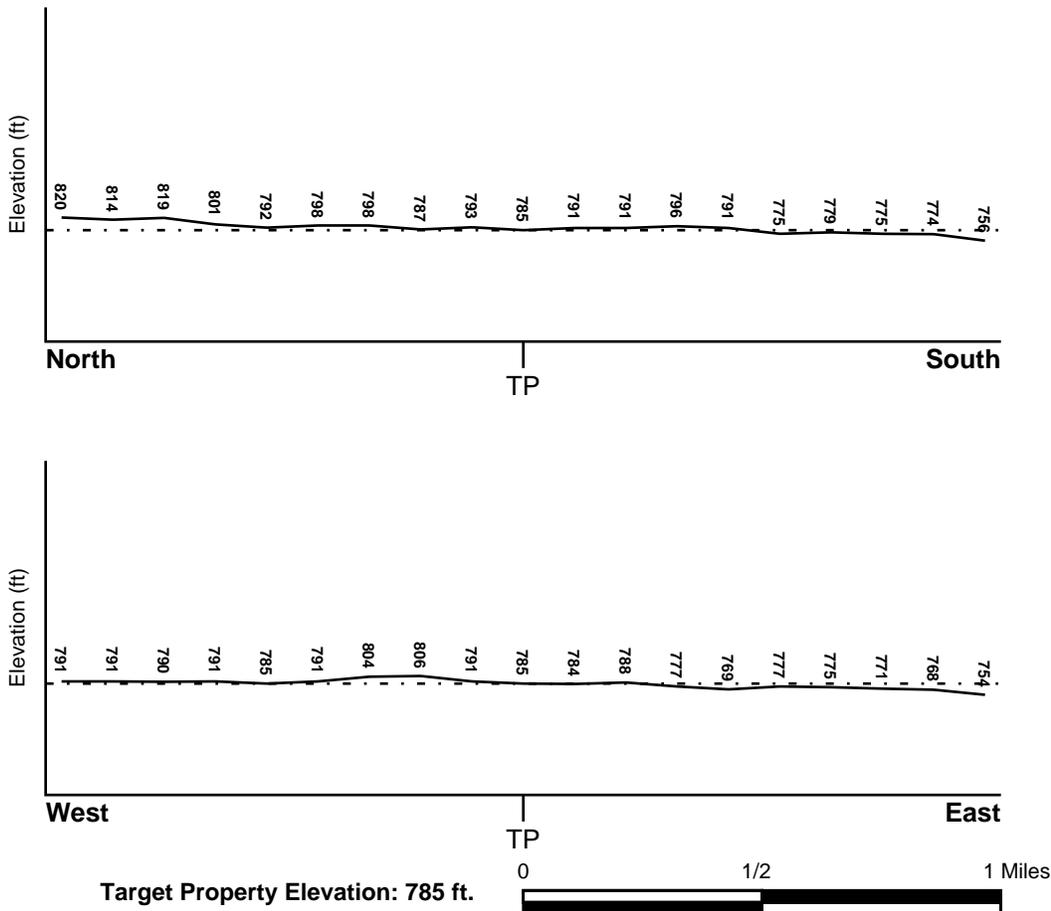
TOPOGRAPHIC INFORMATION

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 East

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>	<u>FEMA Flood Electronic Data</u>
MONTGOMERY, KS	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
INDEPENDENCE	Not Available

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

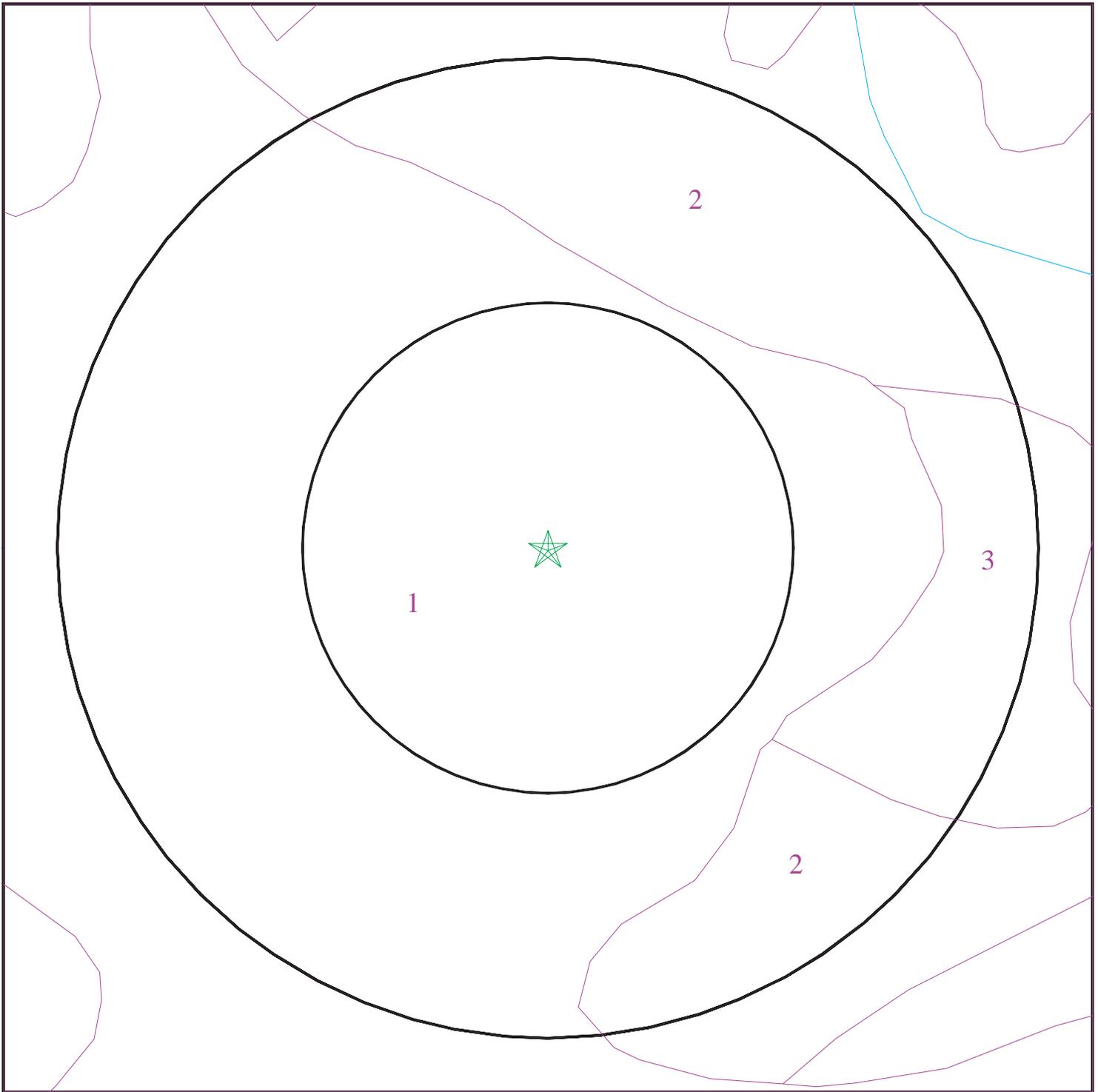
Era: Paleozoic
System: Pennsylvanian
Series: Missourian Series
Code: PP3 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 2015523.1s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Country Village NE
ADDRESS: West Maple Street/Chase Drive
Independence KS 67301
LAT/LONG: 37.2204 / 95.7408

CLIENT: Transystems Corporation
CONTACT: Eric Viera
INQUIRY #: 2015523.1s
DATE: August 27, 2007 6:26 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: KENOMA

Soil Surface Texture: silt loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

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%), Lean Clay	Max: 0.60 Min: 0.20	Max: 6.50 Min: 5.10
2	12 inches	60 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.06 Min: 0.00	Max: 7.80 Min: 5.10

Soil Map ID: 2

Soil Component Name: ZAAR

Soil Surface Texture: silty clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is 1 to 3 feet.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

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	14 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.06 Min: 0.00	Max: 7.30 Min: 5.60
2	14 inches	60 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.06 Min: 0.00	Max: 8.40 Min: 6.10

Soil Map ID: 3

Soil Component Name: DENNIS

Soil Surface Texture: silt loam

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

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

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

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 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	13 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 5.10
2	13 inches	19 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 0.60 Min: 0.20	Max: 6.00 Min: 4.50
3	19 inches	60 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 5.10

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

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

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

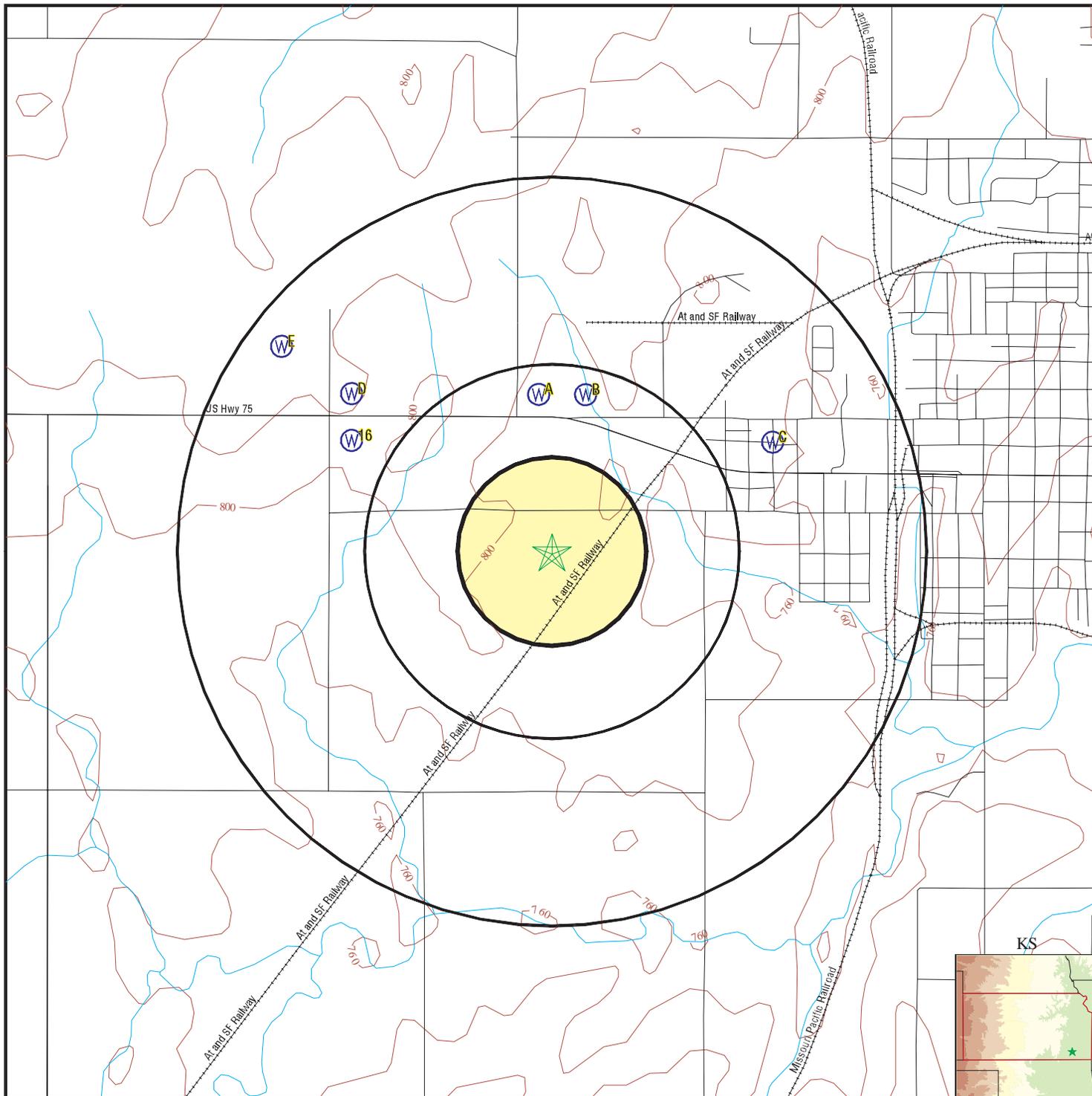
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	KS20007396	1/4 - 1/2 Mile North
A2	KS20007395	1/4 - 1/2 Mile North
A3	KS20007397	1/4 - 1/2 Mile North
A4	KS20007399	1/4 - 1/2 Mile North
A5	KS20007398	1/4 - 1/2 Mile North
B6	KS20007387	1/4 - 1/2 Mile NNE
B7	KS20007388	1/4 - 1/2 Mile NNE
B8	KS20007386	1/4 - 1/2 Mile NNE
B9	KS20007384	1/4 - 1/2 Mile NNE
B10	KS20007385	1/4 - 1/2 Mile NNE
B11	KS20007392	1/4 - 1/2 Mile NNE
B12	KS20007393	1/4 - 1/2 Mile NNE
B13	KS20007391	1/4 - 1/2 Mile NNE
B14	KS20007389	1/4 - 1/2 Mile NNE
B15	KS20007390	1/4 - 1/2 Mile NNE
16	KS20007335	1/2 - 1 Mile WNW
C17	KS20007329	1/2 - 1 Mile ENE
C18	KS20007330	1/2 - 1 Mile ENE
C19	KS20007327	1/2 - 1 Mile ENE
C20	KS20007328	1/2 - 1 Mile ENE
C21	KS20007333	1/2 - 1 Mile ENE
C22	KS20007334	1/2 - 1 Mile ENE
C23	KS20007331	1/2 - 1 Mile ENE
C24	KS20007332	1/2 - 1 Mile ENE
D25	KS20007413	1/2 - 1 Mile NW
D26	KS20007414	1/2 - 1 Mile NW
D27	KS20007412	1/2 - 1 Mile NW
D28	KS20007405	1/2 - 1 Mile NW
D29	KS20007406	1/2 - 1 Mile NW
D30	KS20007404	1/2 - 1 Mile NW
D31	KS20007402	1/2 - 1 Mile NW
D32	KS20007403	1/2 - 1 Mile NW
D33	KS20007410	1/2 - 1 Mile NW
D34	KS20007411	1/2 - 1 Mile NW
D35	KS20007409	1/2 - 1 Mile NW
D36	KS20007407	1/2 - 1 Mile NW
D37	KS20007408	1/2 - 1 Mile NW
E38	KS20007496	1/2 - 1 Mile NW
E39	KS20007497	1/2 - 1 Mile NW
E40	KS20007498	1/2 - 1 Mile NW

PHYSICAL SETTING SOURCE MAP - 2015523.1s



- County Boundary
- Major Roads
- Contour Lines
- 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: Country Village NE
 ADDRESS: West Maple Street/Chase Drive
 Independence KS 67301
 LAT/LONG: 37.2204 / 95.7408

CLIENT: Transystems Corporation
 CONTACT: Eric Viera
 INQUIRY #: 2015523.1s
 DATE: August 27, 2007 6:26 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
North
1/4 - 1/2 Mile
Higher

KS WELLS KS20007396

Well id:	112795	County:	Montgom
Township:	32	Twn dir:	S
Range:	15	Range dir:	E
Section:	26	Spot:	SWSESW
Longitude:	-95.74118	Latitude:	37.22641
Owner:	MILLER BROS OIL	Well use:	Monitoring well/observation/piezometer
Comple dat:	05-Feb-1997	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	2706 W. MAIN, INDEPENDENCE, KS		
Well depth:	15	Elev:	Not Reported
Static dep:	6.82	Est yield:	Not Reported
Driller:	Associated Environmental, Inc.	Site id:	KS20007396

A2
North
1/4 - 1/2 Mile
Higher

KS WELLS KS20007395

Well id:	112794	County:	Montgom
Township:	32	Twn dir:	S
Range:	15	Range dir:	E
Section:	26	Spot:	SWSESW
Longitude:	-95.74118	Latitude:	37.22641
Owner:	MILLER BROS.OIL	Well use:	Monitoring well/observation/piezometer
Comple dat:	05-Feb-1997	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	2706 W. MAIN, INDEPENDENCE, KS		
Well depth:	15	Elev:	Not Reported
Static dep:	5.23	Est yield:	Not Reported
Driller:	Associated Environmental, Inc.	Site id:	KS20007395

A3
North
1/4 - 1/2 Mile
Higher

KS WELLS KS20007397

Well id:	112796	County:	Montgom
Township:	32	Twn dir:	S
Range:	15	Range dir:	E
Section:	26	Spot:	SWSESW
Longitude:	-95.74118	Latitude:	37.22641
Owner:	MILLER BROS OIL	Well use:	Monitoring well/observation/piezometer
Comple dat:	05-Feb-1997	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	2706 W. MAIN, INDEPENDENCE, KS		
Well depth:	15	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	6.28	Est yield:	Not Reported
Driller:	Associated Environmental, Inc.	Site id:	KS20007397

A4
North
1/4 - 1/2 Mile
Higher

KS WELLS KS20007399

Well id:	112798	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	26	Spot:	SWSESW
Longitude:	-95.74118	Latitude:	37.22641
Owner:	MILLER BROS OIL	Well use:	Monitoring well/observation/piezometer
Comple dat:	05-Feb-1997	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	2706 W. MAIN, INDEPENDENCE, KS		
Well depth:	15	Elev:	Not Reported
Static dep:	11.62	Est yield:	Not Reported
Driller:	Associated Environmental, Inc.	Site id:	KS20007399

A5
North
1/4 - 1/2 Mile
Higher

KS WELLS KS20007398

Well id:	112797	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	26	Spot:	SWSESW
Longitude:	-95.74118	Latitude:	37.22641
Owner:	MILLER BROS OIL	Well use:	Monitoring well/observation/piezometer
Comple dat:	05-Feb-1997	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	2706 W. MAIN, INDEPENDENCE, KS		
Well depth:	15	Elev:	Not Reported
Static dep:	9.99	Est yield:	Not Reported
Driller:	Associated Environmental, Inc.	Site id:	KS20007398

B6
NNE
1/4 - 1/2 Mile
Higher

KS WELLS KS20007387

Well id:	302130	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	26	Spot:	SE SE
Longitude:	-95.73891	Latitude:	37.2264
Owner:	Emerson Motor C	Well use:	Monitoring well/observation/piezometer
Comple dat:	28-Jan-1999	Status:	PLUGGED
Other id:	MW 7	Dwr number:	Not Reported
Directions:	2400 West Laurel, Independence		
Well depth:	24.5	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	9.2	Est yield:	Not Reported
Driller:	Max's Enterprise	Site id:	KS20007387

B7
NNE
1/4 - 1/2 Mile
Higher

KS WELLS KS20007388

Well id:	302131	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	26	Spot:	SE SE
Longitude:	-95.73891	Latitude:	37.2264
Owner:	Emerson Motor C	Well use:	Monitoring well/observation/piezometer
Comple dat:	28-Jan-1999	Status:	PLUGGED
Other id:	MW 8	Dwr number:	Not Reported
Directions:	2400 West Laurel, Independence		
Well depth:	36	Elev:	Not Reported
Static dep:	9.5	Est yield:	Not Reported
Driller:	Max's Enterprise	Site id:	KS20007388

B8
NNE
1/4 - 1/2 Mile
Higher

KS WELLS KS20007386

Well id:	302129	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	26	Spot:	SE SE
Longitude:	-95.73891	Latitude:	37.2264
Owner:	Emerson Motor C	Well use:	Monitoring well/observation/piezometer
Comple dat:	28-Jan-1999	Status:	PLUGGED
Other id:	MW 6	Dwr number:	Not Reported
Directions:	2400 West Laurel, Independence		
Well depth:	23.5	Elev:	Not Reported
Static dep:	12.1	Est yield:	Not Reported
Driller:	Max's Enterprise	Site id:	KS20007386

B9
NNE
1/4 - 1/2 Mile
Higher

KS WELLS KS20007384

Well id:	302127	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	26	Spot:	SE SE
Longitude:	-95.73891	Latitude:	37.2264
Owner:	Emerson Motor C	Well use:	Monitoring well/observation/piezometer
Comple dat:	28-Jan-1999	Status:	PLUGGED
Other id:	MW 5	Dwr number:	Not Reported
Directions:	2400 West Laurel, Independence		
Well depth:	22.5	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	11.1	Est yield:	Not Reported
Driller:	Max's Enterprise	Site id:	KS20007384

**B10
NNE
1/4 - 1/2 Mile
Higher**

KS WELLS KS20007385

Well id:	302128	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	26	Spot:	SE SE
Longitude:	-95.73891	Latitude:	37.2264
Owner:	Emerson Motor C	Well use:	Monitoring well/observation/piezometer
Comple dat:	28-Jan-1999	Status:	PLUGGED
Other id:	MW 1A	Dwr number:	Not Reported
Directions:	2400 West Laurel, Independence		
Well depth:	20	Elev:	Not Reported
Static dep:	13.5	Est yield:	Not Reported
Driller:	Max's Enterprise	Site id:	KS20007385

**B11
NNE
1/4 - 1/2 Mile
Higher**

KS WELLS KS20007392

Well id:	305443	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	26	Spot:	SE SE
Longitude:	-95.73891	Latitude:	37.2264
Owner:	Emerson Motor C	Well use:	Monitoring well/observation/piezometer
Comple dat:	28-Jan-1999	Status:	PLUGGED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	2400 W. Laurel, Independence		
Well depth:	24.5	Elev:	Not Reported
Static dep:	9.2	Est yield:	Not Reported
Driller:	Max's Enterprise	Site id:	KS20007392

**B12
NNE
1/4 - 1/2 Mile
Higher**

KS WELLS KS20007393

Well id:	305444	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	26	Spot:	SE SE
Longitude:	-95.73891	Latitude:	37.2264
Owner:	Emerson Motor C	Well use:	Monitoring well/observation/piezometer
Comple dat:	28-Jan-1999	Status:	PLUGGED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	Located at 2400 W. Laurel, Independence, KS		
Well depth:	36	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	9.5	Est yield:	Not Reported
Driller:	Max's Enterprise	Site id:	KS20007393

B13
NNE
1/4 - 1/2 Mile
Higher

KS WELLS KS20007391

Well id:	305442	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	26	Spot:	SE SE
Longitude:	-95.73891	Latitude:	37.2264
Owner:	Emerson Motor C	Well use:	Monitoring well/observation/piezometer
Comple dat:	28-Jan-1999	Status:	PLUGGED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	Located at 2400 W. Laurel, Independence, KS		
Well depth:	23.5	Elev:	Not Reported
Static dep:	12.1	Est yield:	Not Reported
Driller:	Max's Enterprise	Site id:	KS20007391

B14
NNE
1/4 - 1/2 Mile
Higher

KS WELLS KS20007389

Well id:	305440	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	26	Spot:	SE SE
Longitude:	-95.73891	Latitude:	37.2264
Owner:	Emerson Motor C	Well use:	Monitoring well/observation/piezometer
Comple dat:	28-Jan-1999	Status:	PLUGGED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	2400 W. Laurel, Independence		
Well depth:	20	Elev:	Not Reported
Static dep:	13.5	Est yield:	Not Reported
Driller:	Max's Enterprise	Site id:	KS20007389

B15
NNE
1/4 - 1/2 Mile
Higher

KS WELLS KS20007390

Well id:	305441	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	26	Spot:	SE SE
Longitude:	-95.73891	Latitude:	37.2264
Owner:	Emerson Motor C	Well use:	Monitoring well/observation/piezometer
Comple dat:	28-Jan-1999	Status:	PLUGGED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	Located at 2400 W. Laurel, Independence, KS		
Well depth:	72.5	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	11.1	Est yield:	Not Reported
Driller:	Max's Enterprise	Site id:	KS20007390

**16
WNW
1/2 - 1 Mile
Higher**

KS WELLS KS20007335

Well id:	301601	County:	Montgom
Township:	32	TwN dir:	S
Range:	15	Range dir:	E
Section:	34	Spot:	NW NE
Longitude:	-95.75023	Latitude:	37.22463
Owner:	Coastal Mart, I	Well use:	Monitoring well/observation/piezometer
Comple dat:	11-Feb-1998	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	3180 W. Main		
Well depth:	8.5	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Defenbaugh Industries, Inc. (T.E. S	Site id:	KS20007335

**C17
ENE
1/2 - 1 Mile
Higher**

KS WELLS KS20007329

Well id:	301488	County:	Montgom
Township:	32	TwN dir:	S
Range:	15	Range dir:	E
Section:	35	Spot:	NE NE
Longitude:	-95.72986	Latitude:	37.22456
Owner:	Conoco Food Sto	Well use:	Monitoring well/observation/piezometer
Comple dat:	07-Aug-1997	Status:	CONSTRUCTED
Other id:	MW 8	Dwr number:	Not Reported
Directions:	Not Reported		
Well depth:	10	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Associated Environmental, Inc.	Site id:	KS20007329

**C18
ENE
1/2 - 1 Mile
Higher**

KS WELLS KS20007330

Well id:	301489	County:	Montgom
Township:	32	TwN dir:	S
Range:	15	Range dir:	E
Section:	35	Spot:	NE NE
Longitude:	-95.72986	Latitude:	37.22456
Owner:	Conoco Food Sto	Well use:	Monitoring well/observation/piezometer
Comple dat:	07-Aug-1997	Status:	CONSTRUCTED
Other id:	MW 7	Dwr number:	Not Reported
Directions:	100 N. 25th, Independence		
Well depth:	10	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	4.27	Est yield:	Not Reported
Driller:	Associated Environmental, Inc.	Site id:	KS20007330

**C19
ENE
1/2 - 1 Mile
Higher**

KS WELLS KS20007327

Well id:	118844	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	35	Spot:	NENENE
Longitude:	-95.72986	Latitude:	37.22456
Owner:	CONOCO	Well use:	Monitoring well/observation/piezometer
Comple dat:	26-Jun-1997	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	100 NORTH 25TH STREET, INDEPENDENCE (CONOCO FOOD STORE)		
Well depth:	9	Elev:	Not Reported
Static dep:	3.91	Est yield:	Not Reported
Driller:	Associated Environmental, Inc.	Site id:	KS20007327

**C20
ENE
1/2 - 1 Mile
Higher**

KS WELLS KS20007328

Well id:	118845	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	35	Spot:	NENENE
Longitude:	-95.72986	Latitude:	37.22456
Owner:	CONOCO	Well use:	Monitoring well/observation/piezometer
Comple dat:	26-Jun-1997	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	100 NORTH 25TH STREET, INDEPENDENCE (CONOCO FOOD STORE)		
Well depth:	10	Elev:	Not Reported
Static dep:	3.63	Est yield:	Not Reported
Driller:	Associated Environmental, Inc.	Site id:	KS20007328

**C21
ENE
1/2 - 1 Mile
Higher**

KS WELLS KS20007333

Well id:	301492	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	35	Spot:	NE NE
Longitude:	-95.72986	Latitude:	37.22456
Owner:	Conoco Food Sto	Well use:	Monitoring well/observation/piezometer
Comple dat:	26-Jun-1997	Status:	CONSTRUCTED
Other id:	MW 4	Dwr number:	Not Reported
Directions:	100 N 25th, Independence		
Well depth:	10	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	4.85	Est yield:	Not Reported
Driller:	Associated Environmental, Inc.	Site id:	KS20007333

**C22
ENE
1/2 - 1 Mile
Higher**

KS WELLS KS20007334

Well id:	301493	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	35	Spot:	NE NE
Longitude:	-95.72986	Latitude:	37.22456
Owner:	Conoco Food Sto	Well use:	Monitoring well/observation/piezometer
Comple dat:	26-Jun-1997	Status:	CONSTRUCTED
Other id:	MW 1	Dwr number:	Not Reported
Directions:	100 N 25th, Independence		
Well depth:	10	Elev:	Not Reported
Static dep:	4.8	Est yield:	Not Reported
Driller:	Associated Environmental, Inc.	Site id:	KS20007334

**C23
ENE
1/2 - 1 Mile
Higher**

KS WELLS KS20007331

Well id:	301490	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	35	Spot:	NE NE
Longitude:	-95.72986	Latitude:	37.22456
Owner:	Conoco Food Sto	Well use:	Monitoring well/observation/piezometer
Comple dat:	26-Jun-1997	Status:	CONSTRUCTED
Other id:	MW 6	Dwr number:	Not Reported
Directions:	100 N. 25th, Independence		
Well depth:	10	Elev:	Not Reported
Static dep:	3.47	Est yield:	Not Reported
Driller:	Associated Environmental, Inc.	Site id:	KS20007331

**C24
ENE
1/2 - 1 Mile
Higher**

KS WELLS KS20007332

Well id:	301491	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	35	Spot:	NE NE
Longitude:	-95.72986	Latitude:	37.22456
Owner:	Conoco Food Sto	Well use:	Monitoring well/observation/piezometer
Comple dat:	26-Jun-1997	Status:	CONSTRUCTED
Other id:	MW 5	Dwr number:	Not Reported
Directions:	100 N 25th, Independence		
Well depth:	10	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	4.88	Est yield:	Not Reported
Driller:	Associated Environmental, Inc.	Site id:	KS20007332

**D25
NW
1/2 - 1 Mile
Higher**

KS WELLS KS20007413

Well id:	341561	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	27	Spot:	SW SE
Longitude:	-95.75023	Latitude:	37.22644
Owner:	CMI	Well use:	Monitoring well/observation/piezometer
Comple dat:	09-Oct-2003	Status:	PLUGGED
Other id:	MW 5	Dwr number:	Not Reported
Directions:	3024 W Main, Independence		
Well depth:	8	Elev:	Not Reported
Static dep:	3.9	Est yield:	Not Reported
Driller:	Handex Environmental, Inc.	Site id:	KS20007413

**D26
NW
1/2 - 1 Mile
Higher**

KS WELLS KS20007414

Well id:	341562	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	27	Spot:	SW SE
Longitude:	-95.75023	Latitude:	37.22644
Owner:	CMI	Well use:	Monitoring well/observation/piezometer
Comple dat:	09-Oct-2003	Status:	PLUGGED
Other id:	MW 6	Dwr number:	Not Reported
Directions:	3024 W Main, Independence		
Well depth:	9	Elev:	Not Reported
Static dep:	3.1	Est yield:	Not Reported
Driller:	Handex Environmental, Inc.	Site id:	KS20007414

**D27
NW
1/2 - 1 Mile
Higher**

KS WELLS KS20007412

Well id:	341560	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	27	Spot:	SW SE
Longitude:	-95.75023	Latitude:	37.22644
Owner:	CMI	Well use:	Monitoring well/observation/piezometer
Comple dat:	09-Oct-2003	Status:	PLUGGED
Other id:	MW 4	Dwr number:	Not Reported
Directions:	3024 W Main, Independence		
Well depth:	3.36	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	11	Est yield:	Not Reported
Driller:	Handex Environmental, Inc.	Site id:	KS20007412

**D28
NW
1/2 - 1 Mile
Higher**

KS WELLS KS20007405

Well id:	301599	County:	Montgom
Township:	32	Tw n dir:	S
Range:	15	Range dir:	E
Section:	27	Spot:	SW SE
Longitude:	-95.75023	Latitude:	37.22644
Owner:	Coastal Mart, I	Well use:	Monitoring well/observation/piezometer
Comple dat:	11-Feb-1998	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	3180 W. Main		
Well depth:	8	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Defenbaugh Industries, Inc. (T.E. S	Site id:	KS20007405

**D29
NW
1/2 - 1 Mile
Higher**

KS WELLS KS20007406

Well id:	301600	County:	Montgom
Township:	32	Tw n dir:	S
Range:	15	Range dir:	E
Section:	27	Spot:	SW SE
Longitude:	-95.75023	Latitude:	37.22644
Owner:	Coastal Mart, I	Well use:	Monitoring well/observation/piezometer
Comple dat:	11-Feb-1998	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	3180 W. Main		
Well depth:	8.25	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Defenbaugh Industries, Inc. (T.E. S	Site id:	KS20007406

**D30
NW
1/2 - 1 Mile
Higher**

KS WELLS KS20007404

Well id:	301598	County:	Montgom
Township:	32	Tw n dir:	S
Range:	15	Range dir:	E
Section:	27	Spot:	SW SE
Longitude:	-95.75023	Latitude:	37.22644
Owner:	Coastal Mart, I	Well use:	Monitoring well/observation/piezometer
Comple dat:	11-Feb-1998	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	3180 W. Main		
Well depth:	10	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Defenbaugh Industries, Inc. (T.E. Site id:		KS20007404

**D31
NW
1/2 - 1 Mile
Higher**

KS WELLS KS20007402

Well id:	301596	County:	Montgom
Township:	32	Tw n dir:	S
Range:	15	Range dir:	E
Section:	27	Spot:	SW SE
Longitude:	-95.75023	Latitude:	37.22644
Owner:	Coastal Mart, I	Well use:	Monitoring well/observation/piezometer
Comple dat:	11-Feb-1998	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	3180 W. Main		
Well depth:	13	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Defenbaugh Industries, Inc. (T.E. Site id:		KS20007402

**D32
NW
1/2 - 1 Mile
Higher**

KS WELLS KS20007403

Well id:	301597	County:	Montgom
Township:	32	Tw n dir:	S
Range:	15	Range dir:	E
Section:	27	Spot:	SW SE
Longitude:	-95.75023	Latitude:	37.22644
Owner:	Coastal Mart, I	Well use:	Monitoring well/observation/piezometer
Comple dat:	11-Feb-1998	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	3180 W. Main		
Well depth:	9.5	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Defenbaugh Industries, Inc. (T.E. Site id:		KS20007403

**D33
NW
1/2 - 1 Mile
Higher**

KS WELLS KS20007410

Well id:	341558	County:	Montgom
Township:	32	Tw n dir:	S
Range:	15	Range dir:	E
Section:	27	Spot:	SW SE
Longitude:	-95.75023	Latitude:	37.22644
Owner:	CMI	Well use:	Monitoring well/observation/piezometer
Comple dat:	09-Oct-2003	Status:	PLUGGED
Other id:	MW 2	Dwr number:	Not Reported
Directions:	3024 W Main, Independence		
Well depth:	5.02	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	9.6	Est yield:	Not Reported
Driller:	Handex Environmental, Inc.	Site id:	KS20007410

**D34
NW
1/2 - 1 Mile
Higher**

KS WELLS KS20007411

Well id:	341559	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	27	Spot:	SW SE
Longitude:	-95.75023	Latitude:	37.22644
Owner:	CMI	Well use:	Monitoring well/observation/piezometer
Comple dat:	09-Oct-2003	Status:	PLUGGED
Other id:	MW 3	Dwr number:	Not Reported
Directions:	3024 W Main, Independence		
Well depth:	12	Elev:	Not Reported
Static dep:	4.8	Est yield:	Not Reported
Driller:	Handex Environmental, Inc.	Site id:	KS20007411

**D35
NW
1/2 - 1 Mile
Higher**

KS WELLS KS20007409

Well id:	341557	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	27	Spot:	SW SE
Longitude:	-95.75023	Latitude:	37.22644
Owner:	CMI	Well use:	Monitoring well/observation/piezometer
Comple dat:	09-Oct-2003	Status:	PLUGGED
Other id:	MW 1	Dwr number:	Not Reported
Directions:	3024 W Main, Independence		
Well depth:	13	Elev:	Not Reported
Static dep:	4.8	Est yield:	Not Reported
Driller:	Handex Environmental, Inc.	Site id:	KS20007409

**D36
NW
1/2 - 1 Mile
Higher**

KS WELLS KS20007407

Well id:	341554	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	27	Spot:	SW SE
Longitude:	-95.75023	Latitude:	37.22644
Owner:	CMI	Well use:	Monitoring well/observation/piezometer
Comple dat:	09-Oct-2003	Status:	PLUGGED
Other id:	EXMW 1	Dwr number:	Not Reported
Directions:	3024 W Main, Independence		
Well depth:	11	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	3.36	Est yield:	Not Reported
Driller:	Handex Environmental, Inc.	Site id:	KS20007407

**D37
NW
1/2 - 1 Mile
Higher**

KS WELLS KS20007408

Well id:	341556	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	27	Spot:	SW SE
Longitude:	-95.75023	Latitude:	37.22644
Owner:	CMI	Well use:	Monitoring well/observation/piezometer
Comple dat:	09-Oct-2003	Status:	PLUGGED
Other id:	EXMW 2	Dwr number:	Not Reported
Directions:	3024 W Main, Independence		
Well depth:	12	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Handex Environmental, Inc.	Site id:	KS20007408

**E38
NW
1/2 - 1 Mile
Higher**

KS WELLS KS20007496

Well id:	40441	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	27	Spot:	NCSWSE
Longitude:	-95.75362	Latitude:	37.22827
Owner:	Coastal Mart, I	Well use:	Monitoring well/observation/piezometer
Comple dat:	19-May-1992	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	3180 W. MAIN ST. INDEPENDENCE, KS.		
Well depth:	13	Elev:	Not Reported
Static dep:	9	Est yield:	Not Reported
Driller:	Associated Environmental Industries	Site id:	KS20007496

**E39
NW
1/2 - 1 Mile
Higher**

KS WELLS KS20007497

Well id:	40442	County:	Montgom
Township:	32	Twon dir:	S
Range:	15	Range dir:	E
Section:	27	Spot:	NCSWSE
Longitude:	-95.75362	Latitude:	37.22827
Owner:	Coastal Mart, I	Well use:	Monitoring well/observation/piezometer
Comple dat:	19-May-1992	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	3180 W. MAIN ST. INDEPENDENCE, KS.		
Well depth:	13	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	9	Est yield:	Not Reported
Driller:	Associated Environmental Industri	Site id:	KS20007497

**E40
NW
1/2 - 1 Mile
Higher**

KS WELLS KS20007498

Well id:	40443	County:	Montgom
Township:	32	Tw n dir:	S
Range:	15	Range dir:	E
Section:	27	Spot:	NCSWSE
Longitude:	-95.75362	Latitude:	37.22827
Owner:	Coastal Mart, I	Well use:	Monitoring well/observation/piezometer
Comple dat:	19-May-1992	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Directions:	3180 W. MAIN ST. INDEPENDENCE, KS.		
Well depth:	13	Elev:	Not Reported
Static dep:	9	Est yield:	Not Reported
Driller:	Associated Environmental Industri	Site id:	KS20007498

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: KS Radon

Radon Test Results

County	Total Sites	Avg. (pCi/L)	Max.	> 4.0 pCi/L
MONTGOMERY	43	1.88	72	12

Federal EPA Radon Zone for MONTGOMERY County: 2

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

Federal Area Radon Information for Zip Code: 67301

Number of sites tested: 14

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.650 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.750 pCi/L	100%	0%	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.

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.

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.

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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

Kansas Water Well Completion Records Database

Source: Kansas Geological Survey

Telephone: 913-864-3965

OTHER STATE DATABASE INFORMATION

RADON

State Database: KS Radon

Source: Department of Health & Environment

Telephone: 785-296-1500

Kansas Indoor Radon Measurements

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

STREET AND ADDRESS INFORMATION

© 2007 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

Appendix D
City of Independence Utility Providers

City of Independence Utility Providers		
Electrical	Westar – Vic Gorman	620-235-3645
Water	City of Independence – Terry Lybarger	620-332-2507
Sewer	City of Independence - Terry Lybarger	620-332-2507
Solid Waste Disposal	Independence Trash Service	620-332-2507
Law Enforcement	Independence City Police Dept	620 332-1700
	Montgomery County Sheriff	620-330-1000
Fire Protection	City of Independence	620-332-2504
Medical	Mercy Hospital	620-331-2200
Communications	Cox Communications	620- 289-4115
	Southwestern Bell	800-464-7928
Natural Gas	N/A	