

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**PROPOSED GO TOPEKA DEVELOPMENT 1 & 2
SOUTHEAST OF INTERSTATE 335 (I-335) AND US HIGHWAY
TOPEKA, SHAWNEE COUNTY, KANSAS**

Project Number: 14087014

Report Date: April 21, 2008

Prepared for:

**GO TOPEKA/CHAMBER OF COMMERCE
Topeka, Kansas**

Prepared by:

Terracon
Topeka, Kansas

Terracon

April 21, 2008



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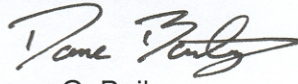
Re: Phase I Environmental Site Assessment
Proposed Go Topeka Development 1 & 2
Southeast of Interstate 335 (I-335) and US Highway
Topeka, Shawnee County, Kansas
Project No. 14087014


Dear Ms. Moellenberndt:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced site. This assessment was performed in accordance with our proposal dated March 19, 2008.

We appreciate the opportunity to perform these services for you. Please contact us if you have questions regarding this information or if we can provide any other services.

Sincerely,
Terracon Consultants, Inc.


Dane G. Bailey
Environmental Scientist


Bridget M. Aeschliman, P.G.
Environmental Department Manager

Attachments

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TOPEKA, SHAWNEE COUNTY, KANSAS**

**Project No. 14087014
Report Date: April 21, 2008**

EXECUTIVE SUMMARY

This Phase I ESA was performed in accordance with our proposal dated March 19, 2008, and was conducted consistent with the procedures included in ASTM E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA was conducted under the supervision or responsible charge of Bridget M. Aeschliman, P.G., environmental professional. Dane G. Bailey performed the site reconnaissance on April 8, 2008.

A cursory summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

- The site is located at Southeast of Interstate 335 (I-335) and US Highway in Topeka, Shawnee County, Kansas. The site is an approximate 400 acres tract of land that has been improved with Undeveloped Grass and Tree Covered Lot. The site is an approximate 400 acre tract of land southeast of Interstate 335 and US Highway 75. The property is currently an undeveloped grass and tree covered area.
- The site is covered by agricultural fields, pasture, and wooded areas. Two intermittent streams and one drainage ditch were observed along the eastern portion of the property. During the site visit, Terracon observed the presence of water wells that had recently been plugged, evidence of a former farmstead, and a large area of dumped trash and debris along the bank of the intermittent stream along the extreme eastern portion of the site. The dumped trash and debris observed along the bank of the intermittent stream constitutes a REC to the site. No other RECs were observed during the site reconnaissance.
- Based on review of the historical information, the site the site appears to have been undeveloped grass and tree covered land since at least 1942. Property to the west and south of the site has primarily been undeveloped grass covered land - some used for agricultural purposes. City directories indicate the historical presence of an auto salvage facility and auto repair facility immediately southeast and upgradient of the site. The presence of these facilities and the unknown nature of their impact on the site represents a REC to the site.

EXECUTIVE SUMMARY (cont.)



- During the site visit, Terracon observed the properties to the north and west to be undeveloped grass and tree covered land. East of the site are railroad tracks and various commercial businesses along Topeka Boulevard, including the Nollar Auto Salvage facility which is located southeast and upgradient from the site. This facility is considered a REC to the site. The Target Distributions center is located south of the site.
- The regulatory review identified 7 LUST and 1 RCRA-CESQG facilities within the search radii. The Noller Auto Salvage facility was listed as a RCRA-CESQG and is located adjacent to the site (southeast) in the upgradient direction. This facility corresponds with the historical auto salvage yard identified in the historical review. The long term presence of the salvage yard adjacent to the site presents a REC. The local agency inquiries for environmental records did not reveal the project site to be a REC based on information contained in the database.
- In 2007, Terracon conducted a Geotechnical Study for Go Topeka, Inc. on a 30 acre portion in the southwest corner of the site. The geotechnical report completed indicated that bedrock was encountered between 8 and 16 feet. Ground water was generally encountered during the geotechnical study at depths between 8.5 and 16 feet below ground surface. Terracon also conducted a Preliminary Jurisdictional Determination study over the entire site area. The Preliminary Jurisdictional Determination found four areas that were determined to be potentially jurisdictional US Waters, one herbaceous wetland and three intermittent streams.
- Terracon contacted the U.S. Fish and Wildlife Service as well as the Kansas Department of Wildlife and Parks (KDWP) to evaluate the site area and determine the potential for impacts to threatened and endangered species. The KDWP provided a response to the request indicating that no T&E species will be impacted by the project.
- Terracon contacted the Kansas State Historic Preservation Office (SHPO) to determine if cultural or archeological concerns are present at the site. The SHPO office indicated that according to their records, there are no recorded archeological sites or standing structures present at the site. The SHPO office did recommend that prior to construction activities, the southwestern portion of the site along the South Branch of the Shunganunga Creek be surveyed by a professional archeologist. However, if the project is not utilizing federal funds, the SHPO agency has no legal authority to require the additional assessment.

Recommendations

Based on the scope of services, limitations, and findings of this assessment, Terracon identified the following RECs:

- Disposal of trash and debris located in the creek at the east side of site.

EXECUTIVE SUMMARY (cont.)



- The long term historical presence of an auto salvage yard and automotive repair facility immediately east (upgradient) from the site.

Based on this information, Terracon recommends limited soil and/or ground water sampling along the eastern edge of the site to determine if the site has been impacted by off-site historical automotive salvage and repair activities. Terracon also recommends additional soil sampling activities in the vicinity of the trash and debris located in the creek, as well as both up and down stream water sample collection.

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1.0 INTRODUCTION

1.1 Site Description

Site Description

Site Name	Proposed Go Topeka Development 1 & 2
Site Location/Address	Southeast of Interstate 335 (I-335) and US Highway, Topeka, Shawnee County, Kansas
Land Area	Approximately 400 acres
Site Improvements	Undeveloped Grass and Tree Covered Lot

The site location is depicted on Figure 1 of Appendix A, which was reproduced from a portion of the USGS 7.5-minute series topographic map. A diagram of the site and adjoining properties is included as Figure 2 of Appendix A. Acronyms and terms used in this report are described in Appendix B.

1.2 Scope of Services

This Phase I ESA was performed in accordance with our proposal dated March 19, 2008, and was conducted consistent with the procedures included in ASTM E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations, ASTM deviations, and significant gaps (if identified) are evident from reviewing the applicable scope of services and the report text.

1.3 Standard of Care

This ESA was performed in accordance with generally accepted practices of this profession, undertaken in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not

received by the report date. When appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I ESAs, such as the one performed at this site, are of limited scope, are noninvasive and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the site beyond what is identified by the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records were not reviewed. It should be recognized that environmental concerns may be documented in public records that were not reviewed. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the site or otherwise uses the report for any other purpose. These risks may be further evaluated - but not eliminated - through additional research or assessment. We will, upon request, advise you of additional research or assessment options that may be available and associated costs.

1.4 Additional Scope Limitations, ASTM Deviations and Significant Data Gaps

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, business environmental risk evaluations, or other services not particularly identified and discussed herein. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Consideration of such information is beyond the scope of this assessment. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder. This ESA was further limited by the following:

- *Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request.*
- *Pertinent documents are referred to in the text of this report, and a separate reference section has not been included.*
- *Due to dense vegetation, portions of the southwest corner of the site could not be accessed and surface conditions could not be observed.*

An evaluation of the significance of these limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the site's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice.

1.5 Reliance

This ESA report is prepared for the exclusive use and reliance of Go Topeka/Chamber of Commerce. Use or reliance by any other party is prohibited without the written authorization of Go Topeka/Chamber of Commerce and Terracon Consultants, Inc. (Terracon).

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, ESA report, and Terracon's Agreement for Services. The limitation of liability defined in the Agreement for Services is the aggregate limit of Terracon's liability to the client and all relying parties.

Continued viability of this report is subject to ASTM E 1527-05 Sections 4.6 and 4.8. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E 1527-05.

1.6 Client Provided Information

Prior to the site visit, Ms. Kathy Moellenberndt, client's representative, provided the following information.

1.6.1 Specialized Knowledge or Experience

Ms. Moellenberndt was not aware of specialized knowledge or experience that is material to RECs in connection with the site.

1.6.2 Actual Knowledge of Environmental Liens or AULs

Ms. Moellenberndt did not have actual knowledge of environmental liens or AULs encumbering the site or in connection with the site.

1.6.3 Reason for Significantly Lower Purchase Price

Ms. Moellenberndt was not aware of a significantly lower purchase price because of the presence of hazardous substances or petroleum products.

1.6.4 Commonly Known or Reasonably Ascertainable Information

Ms. Moellenberndt was not aware of commonly known or reasonably ascertainable information within the local community about the site that is material to RECs in connection with the site.

1.6.5 Obvious Indicators of Contamination at the Site

Ms. Moellenberndt was not aware of obvious indicators that point to the presence or likely presence of contamination at the site.

2.0 PHYSICAL SETTING

Physical Setting

PHYSICAL SETTING INFORMATION FOR SITE AND SURROUNDING AREA		SOURCE
Topography (Refer to Appendix A for an excerpt of the Topographic Map)		
Site Elevation	Approximately 1000 feet (NGVD)	USGS Topographic Map, Wakarusa, Kansas Quadrangle, 1983.
Surface Runoff/ Topographic Gradient	Gently sloping towards the west/northwest	
Closest Surface Water	South Branch Shunganunga Creek located on the site.	
Soil Characteristics		
Soil Type	Ladysmith silty clay loam, 1 to 3 percent slopes; Dwight-Martin silty clay loams, 1 to 3 percent slopes; Labette silty clay loam, 1 to 3 percent slopes; Kennebec silt loam; Martin silty clay loam, 1 to 3	Shawnee County, Kansas USDA, Natural Resources Conservation Service Soil Survey issued USDA Web Soil Survey, 2008

percent slopes; Martin silty clay loam, 3 to 7 percent slopes; Morrill clay loam, 3 to 7 percent slopes; Morrill gravelly loam, 4 to 20 percent slopes, stony; Pawnee clay loam, 3 to 6 percent slopes; Pawnee clay loam, 3

PHYSICAL SETTING INFORMATION FOR SITE AND SURROUNDING AREA		SOURCE
Description	to 7 percent slopes, eroded	
	<p><u>Ladysmith silty clay loam, 1 to 3 percent slope:</u> This soil is found on paleoterraces on uplands. The parent material consists of clayey alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is low.</p> <p><u>Dwight-Martin silty clay loams, 1 to 3 percent slopes:</u> This soil is found on hillslopes on uplands. The parent material consists of silty and clayey residuum weathered from cherty limestone. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is low.</p> <p><u>Labette silty clay loam, 1 to 3 percent slopes:</u> This soil is found on hillslopes on uplands. The parent material consists of silty and clayey residuum weathered from limestone and shale. Depth to a root restrictive layer, bedrock, lithic, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low.</p> <p><u>Kennebec silt loam, frequently flooded:</u> This soil is found on flood plains on valleys. The parent material consists of silty alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high.</p> <p><u>Martin silty clay loam, 1 to 3 percent slopes:</u> This soil is found on hillslopes on uplands. The parent material consists of silty and clayey colluvium derived from limestone and shale over silty and clayey residuum weathered from limestone and shale. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low.</p> <p><u>Martin silty clay loam, 3 to 7 percent slopes:</u> This soil is found on hillslopes on uplands. The parent material consists of silty and clayey colluvium derived from limestone and shale over silty and clayey residuum weathered from limestone and shale. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained.</p>	

PHYSICAL SETTING INFORMATION FOR SITE AND SURROUNDING AREA		SOURCE
	<p><u>Morrill clay loam, 3 to 7 percent slopes:</u> This soil is found on hillslopes on uplands. The parent material consists of fine-loamy glaciofluvial deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high.</p> <p><u>Morrill gravelly loam, 4 to 20 percent slopes, stony:</u> This soil is found on hillslopes on uplands. The parent material consists of fine-loamy glaciofluvial deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high.</p> <p><u>Pawnee clay loam, 3 to 6 percent slopes :</u> This soil is found on hillslopes on uplands. The parent material consists of clayey drift. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low.</p> <p><u>Pawnee clay loam, 3 to 7 percent slopes, eroded:</u> This soil is found on hillslopes on uplands. The parent material consists of clayey drift. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low.</p>	
Geology/Hydrogeology		
<i>Formation</i>	Pennsylvanian	
<i>Description</i>	<p>The southern part of Shawnee County is in the Osage Plains section of the Central Lowlands physiographic province. The major topographic features are the valleys of the Kansas and Wakarusa Rivers that lead to the east and the uplands consisting of low rounded hills with sharp breaks and rock outcrops in some parts near the streams. North of the Kansas River, in the glaciated part of the county, the topography is more subdued than that south of the river, where the bedrock topography formed by the differential erosion of limestone, shale, and sandstone.</p> <p>The underlying bedrock in the area of the subject property is of the Pennsylvanian System; Upper Pennsylvanian Series (Virgilian Stage) Wabunsee Group in the Time Stratigraphic Unit age classification.</p>	<p>Zeller, Doris E., The Stratigraphic Succession in Kansas, Kansas Geological Survey Bulletin 189, 1968</p>

PHYSICAL SETTING INFORMATION FOR SITE AND SURROUNDING AREA		SOURCE
	<p>Alternating layers of limestone and shale with an occasional sandstone layer are common in the Pennsylvanian age stratigraphic section.</p> <p>The combined river and alluvial-aquifer systems are the principal source of water for municipal, industrial, and irrigation supplies along the Kansas River valley in northeast Kansas. The depth to water in the valley-fill deposits ranges from 0 to 50 feet below land surface and averages about 25 feet. Wells yielding more than 1,000 gallons per minute are common. The chemical quality of the groundwater is suitable for most uses; however, the water is generally very hard and may contain elevated concentrations of iron.</p>	
<i>Estimated Depth to First Occurrence of Ground water</i>	According to on site wells plugged in April 2008, the depth to ground water at the site is approximately 6 feet below ground surface.	Water Well Records, GO Topeka Inc., prepared by Terracon 2008
<i>Primary Aquifer</i>	Western Interior Plains Aquifer	Groundwater Atlas of the U.S., Segment 3, Hydrologic Investigations Atlas HA 730-D, USGS, 1997
<i>*Hydrogeologic Gradient:</i>	Not known - may be inferred to be parallel to topographic gradient (primarily to the west/northwest.)	

* The groundwater flow direction and the depth to shallow, unconfined groundwater, if present, would likely vary depending upon seasonal variations in rainfall and other hydrogeological features. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

3.0 HISTORICAL USE INFORMATION

Terracon reviewed the following historical sources for indications of RECs. A summary of the historical review is included in Section 3.12. Copies of selected historical documents are included in Appendix C.

3.1 Historical Topographic Maps

Readily available historical USGS topographic maps were reviewed to identify RECs in connection with the site. Reviewed historical topographic maps are summarized below.

- Topeka, Kansas, published **1889** (1:125,000)
- Wakarusa, Kansas, published **1955** (1:24,000)
- Wakarusa, Kansas, published 1955, photorevised **1970** (1:24,000)

- Wakarusa, Kansas, published 1955, photorevised **1975** (1:24,000)
- Wakarusa, Kansas, published **1983** (1:24,000)

Historical Topographic Maps

Direction	Description
Site	<p>1886: Site appears to be undeveloped.</p> <p>1955, 1970: Portions of the Shunganunga Creek are located at the site. Two small structures resembling a homestead are located south of 49th Street, otherwise the site appears undeveloped.</p>
North	<p>1886: Portions of the Shunganunga Creek are approximately 3 miles north followed by the City of Topeka.</p> <p>1955: The Kansas Turnpike is under construction approximately .25 mile north of the site, followed by an intermittent stream.</p> <p>1970, 1975, 1983: Similar to 1955 except the Kansas Turnpike has been completed and three sewage lagoons are located approximately 0.25 mile north of the site, the South Topeka Interchange has been constructed approximately 0.5 mile north of the site.</p>
East	<p>1886: AT&SF Railroad tracks are approximately 0.5 mile to the east.</p> <p>1955: AT&SF Railroad tracks abut the site to the east, followed by South Topeka Boulevard, then the Terra Heights residential subdivision to the east and Forbes Air Force Base to the southeast.</p> <p>1970, 1975, 1983: Similar to 1955 except a small trailer park is now located north of 49th Street just east of the railroad tracks.</p>
South	<p>1886: Area to the south appears to be undeveloped.</p> <p>1955: 57th Street is located approximately 0.25 mile south; the Pauline area is located to the south-southeast.</p> <p>1970: Similar to the 1955 map except a trailer park is now located south of 57th Street near Pauline, and a residential area called Cullen Village is approximately 1.25 miles south of the site.</p> <p>1975, 1983: A large amount of development is now apparent around Forbes Field. Development to the southeast of the site includes what appears to be barracks, admin buildings, and three large above ground storage tanks. To the south the Forbes Industrial Park and a golf course have been developed 1.5 miles to the south.</p>
West	<p>1886: Appears to be undeveloped, Shunganunga Creek is approximately 5 miles to the west (Creek runs from the northwest to the southeast).</p> <p>1955: The South Branch of Shunganunga Creek abuts the site to the west, followed by the Kansas Turnpike under construction approximately 0.5 mile to the west, followed by Burlingame Road.</p> <p>1970, 1975, 1983: Similar to the 1955 map except the Kansas Turnpike is now completed.</p>

No indications of RECs were apparent during the review of historical topographic maps.

3.2 Historical Aerial Photographs

Selected historical aerial photographs from the Shawnee County USDA office and the Terraserver website (www.terraserver.com) were reviewed at approximately 10 to 15 year intervals, if readily available, to obtain information concerning the history of development on and near the site. Evaluation of these aerals may be limited by a photo's quality and scale. Selected photographs are summarized below.

- USDA/NRCS, **1942**, Scale Unknown
- USDA/NRCS, **1966**, Scale Unknown
- USDA/NRCS, **1976**, Scale Unknown
- USDA/NRCS, **1993**, Scale Unknown
- www.terraserver.com, **2005**

Historical Aerial Photographs

Direction	Description
Site	1942, 1966, 1976, 1993: Site appears undeveloped except for a farmstead with two building south of 49 th Street. 2005: Similar to 1993 except the farmstead has been demolished.
North	1942: Does not appear on photo. 1966: The Kansas Turnpike has been constructed approximately 0.25 mile north. 1976: Does not appear on photo 1993: Similar to 1966, except three sewage lagoons are located approximately 0.25 miles north of the Site and directly south of the Kansas Turnpike. 2005: A large manufacturing facility resembling the present day Frito-Lay plant has been constructed 0.25 mile to the north.
East	1942: Railroad tracks abut the site to the east, followed by Topeka Boulevard with three farmsteads to the east. 1966: Similar to 1942 except Topeka Boulevard has seen heavy commercial development, including two trailer parks. A vehicle salvage lot has appeared east of the southeast corner of the Site. 1976: Does not appear on photo. 1993, 2005: Similar to 1966 except Topeka Boulevard has continued to grow commercially, mainly on the west side of the street.
South	1942: Undeveloped land followed by 57 th Street with a farmstead on the south side. 1966, 1976, 1993: Two trailer parks have been developed at 57 th Street and Topeka Boulevard, both on the north and south side of 57 th Street. 2005: The a large warehouse building resembling the present day Target Distribution Center and Wenger Drive have been constructed abutting the Site to the south.

Direction	Description
West	<p>1942: South Branch of Shunganunga Creek followed by undeveloped land, followed by Burlingame Road and two farmsteads.</p> <p>1966, 1976: The Kansas Turnpike has been constructed between the Site and Burlingame Road.</p> <p>1993: Similar to 1976 except a housing development has appeared west of Burlingame Road.</p> <p>2005: US Highway 75 has been constructed and abuts the Site to the west.</p>

No indications of RECs were identified during the review of historical aerial photographs.

3.3 Historical City Directories

The Polk's city directories used in this study were made available through the Topeka and Shawnee County Public Library (selected years reviewed: 2007 through 1975) and were reviewed at approximate five year intervals. Since these references are copyright protected, reproductions are not provided in this report. Street listings for the area were not available prior to 1975. The site is undeveloped and does not have a street address.

Historical City Directories

Direction	Description
Site	No listings (1980, 1985, 1990, 1995, 2000, 2005)
North	<p>4609 SW Topeka Blvd: Ironhorse Auto (2007-2000); Residential (1995-1975).</p> <p>4601 SW Topeka Blvd: Peyton Place Liquor (2007-1995); E-Z Shop (1990); No Listing (1985-1975).</p>
East	<p>5301 SW Topeka Blvd: 1976-1986 A One Auto Salvage 1991: Noller Auto Salvage 1996: All American Auto Parts/Baby Dolls 2001: No listing</p> <p>5353 SW Topeka Blvd: 1976: Jayhawk Mobile Home 1981: Rainbow King Trailers 1986: Whitey's Auto Repair 1991: CJ Metals 1996: Cleavers Auto Repair 2006: Jims Trailers</p> <p>5519 SW Topeka Blvd: 1976 - 2006: No listing</p> <p>5441 SW Topeka Blvd: 1976-2006: No listing</p> <p>5324 SW Topeka Blvd: 1976: Livingston Motors 1981: Top 20 Used Cars</p>

Direction	Description
	1986: No listing 1991-2006: Ralph Frakes Trucking 5600 SW Topeka Blvd: 1976-2006 Topeka Metal Specialties 5630 SW Topeka Blvd: 1976: No listing 1981: Topeka Ready Mix, Inc. 1986: No listing 1991: Topeka Roll Shudder 1996-2006: No listing
South	No listings (1980, 1985, 1990, 1995, 2000, 2005)
West	<u>2730 SW 57th Street</u> 1980: No listings 1985: Focii Antenna Systems, Leprechan Lawns 1990: Leprechan Lawns, Harkers Meat Packing, Decisions Data/York Publishing, Macfee Refinishing 1995: Same as 1990 with addition of Rawco Inc., Johnsons Cabinet, TJ's Auto Body 2000: AB Express, Ey's Asphalt, Harkers Meat Packing, Great Plains Locating, Johnco, Johnson Cabinet, Manfee, Meyer Russ Supply, Ron Nocktonick Dry Wall, WL Smith Associates, York Publication 2005: AB Express, Christmas Decor, Ey's Upholstery, Clean Sweep, Great Plains Locating, Harker's Meat Packing, Russ Meyer Supply, Stevens Quality Handyman, Proesse Inc. 2007: Same as 2005

Two facilities were identified during the historical city directory search in the upgradient direction of the site. The A One Auto Salvage site is located adjacent to the site to the east. This facility is also discussed in Section 4.1. An apparent former auto repair facility (5353 SW Topeka Boulevard) is also adjacent to the site to the east. These facilities represent a REC to the site.

3.4 Historical Fire Insurance Maps

Historical fire insurance maps produced by the Sanborn Map Company were requested from Environmental Data Resources, Inc. (EDR) to evaluate past uses and relevant characteristics of the site and surrounding properties.

Based upon inquiries to the above-listed Sanborn provider, Sanborn Maps were not available for the site. A copy of the EDR "no coverage" letter has been included in Appendix C.

3.5 Property Tax File Information

Based on a review of information obtained from Shawnee assessor's records, the current site owner is Go Topeka/Chamber of Commerce.

3.6 Title Search

County Deed Records were reviewed by Kansas Secured Title of Topeka, Kansas to obtain a chain-of-title for the site. Ownership records were reviewed back to 1939. The title information is included in Appendix C.

Based on a review of the title provider's research, the current site owner is Go Topeka/Chamber of Commerce, who obtained title on June 22, 2006 from Dana & Nancy Sue Anderson. Additional site property was obtained from Frank & Anita Pase on November 14, 2002. Previous site owners include various private individuals.

3.7 Environmental Liens

Environmental lien records recorded against the site were not provided by the client. At the direction of the client, performance of a review of these records was not included as part of the scope of services and unless notified otherwise, we assume that the client is evaluating this information outside the context of this report.

3.8 Building Department Records

Since no structures are currently on-site and there is no exact address, the building department was not contacted.

3.9 Zoning/Land Use Records

According to City of Topeka Planning Department, the site is currently zoned as I-1-Light Industrial. No information was provided by the department to indicate when the property was zoned or what previous zoning might have been.

3.10 Historical Interviews

The following individuals were interviewed regarding historical use of the site.

Interviewees

<u>Interviewer</u>	<u>Interviewee/Phone #</u>	<u>Title</u>	<u>Date/Time</u>
Dane Bailey	Kathy Moellenberndt	Vice President-Director Economic Development	4-7-2008 / 10:00am

According to Ms. Moellenberndt, GO Topeka Inc. has owned the property since approximately 2002. The property was formerly composed of approximately 7 to 10 parcels

and used as leased agriculture and vacant land. Two historical homesteads were present at the site. Ms. Moellenberndt was unsure if these homesteads had septic systems.

Ms. Moellenberndt was not aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability in connection with the site.

3.11 Prior Report Review

In 2007, Terracon conducted a Geotechnical Study for Go Topeka, Inc. on a 30 acre portion in the southwest corner of the site. A total of 17 borings were installed during the Geotechnical Study. Terracon encountered possible fill material at 5 of the boring locations to depths between 2.5 and 3.5 feet. Native clays were encountered to depths ranging from 7 to 17.5 feet. These soils were underlain by sands of varying gradation and with varying silt and clay contents were observed in twelve of the borings to depths of 8.5 to 17.5 feet. The geotechnical report completed indicated that bedrock was encountered between 8 and 16 feet. Upon completion of the borings static water levels were observed at depths ranging from 8.5 to 16 feet.

Terracon also conducted a Preliminary Jurisdictional Determination study over the entire site area. The Site was evaluated for potential jurisdictional waters, based on a review of readily available information and performance of a Site reconnaissance to assess for wetland hydrology, hydrophytic vegetation and hydric soils. Based on Site observations and other information reviewed during the preliminary assessment, potential jurisdictional waters of the U.S. observed on the Site were identified in the following table:

Jurisdictional Waters Of the U.S.			
Type (Location)	Estimated Length (linear feet)	Average Width (linear feet)	Approximate Area
Herbaceous Wetland (north-central portion of Site)			19,166 square feet (0.44 acres)
Intermittent Stream (along the eastern boundary of the Site)	3,375	4.0	13,500 square feet (0.31 acres)
Intermittent Stream (northwest portion of the Site)	3,503	2.0	7,006 square feet (0.16 acres)
Intermittent Stream (South Branch of Shunganunga Creek)	2,595	5.0	12,975 square feet (0.3 acres)

Terracon recommended that the final jurisdictional waters determination be made by the USACE. Terracon has submitted a copy of the PJD report to the USACE for their determination of potential jurisdictional waters and required USACE permitting.

3.12 Historical Use Information Summary

Based on review of the historical information, the site the site appears to have been undeveloped grass and tree covered land since at least 1942. Property to the west and south of the site has primarily been undeveloped grass covered land - some used for agricultural purposes. City directories indicate the historical presence of an auto salvage facility and auto repair facility immediately east and upgradient of the site. The presence of these facilities and the unknown nature of their impact on the site represents a REC to the site.

4.0 RECORDS REVIEW

Regulatory database information was provided by EDR, a contract information services company. Information in this section is subject to the accuracy of the data provided by the information services company and the date at which the information is updated, and the scope herein did not include confirmation of facilities listed as "unmappable" by regulatory databases.

In some of the following subsections, the words up-gradient, cross-gradient and down-gradient refer to the topographic gradient in relation to the site. As stated previously, the groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

4.1 Federal and State/Tribal Databases

Listed below are the facility listings identified on federal and state/tribal databases within the ASTM-required search distances from the approximate site boundaries. Database definition, descriptions, and the database search report are included in Appendix D.

<u>Database</u>	<u>Description</u>	<u>Radius (miles)</u>	<u>Listings</u>
Federal			
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.	1.0	0
NPL (Delisted)	The NPL (Delisted) refers to facilities that have been removed from the NPL.	0.5	0
CERCLIS	The CERCLIS database is a compilation of facilities which the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances pursuant to the CERCLA of 1980.	0.5	0
CERCLIS / NFRAP	CERCLIS/NFRAP refers to facilities that have been removed and archived from EPA's inventory of CERCLA sites.	0.5	0
RCRA CORRACTS/ TSD	The EPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous waste that are undergoing "corrective action." A "corrective action" order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	1.0	0
RCRA Non- CORRACTS/ TSD	The RCRA Non-CORRACTS/TSD Database is a compilation by the EPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.	0.5	0
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.	Site and adjoining properties	1

<u>Database</u>	<u>Description</u>	<u>Radius (miles)</u>	<u>Listings</u>
IC / EC	A listing of sites with institutional and/or engineering controls in place. IC 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. EC 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.	Site	0
ERNS	The Emergency Response Notification System (ERNS) is a listing compiled by the EPA on reported releases of petroleum and hazardous substances to the air, soil and/or water.	Site	0
State			
SHWS	The Kansas Department of Health and Environment (KDHE) maintains a database of state equivalent CERCLIS facilities in the state of Kansas.	0.5	0
SWF/LF	State and/or Tribal database of solid waste facilities located within Kansas. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.	0.5	0
LUST	State and/or Tribal database of leaking underground storage tanks in the state of Kansas.	0.5	7
UST	State and/or Tribal database of registered storage tanks in the State of Kansas which may include the owner and location of the tanks.	Site and adjoining properties	0
IC	Sites that have institutional control information entered into the Identified Sites List database maintained by the KDHE.	Site	0
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.	0.5	0
Brownfields	State and/or Tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.	0.5	0

In addition to the above ASTM-required listings, Terracon reviewed other federal, state, local and proprietary databases provided by the database firm. A list of the additional reviewed databases is included in the regulatory database report included in Appendix D.

The following table summarizes the site-specific information provided by the database and/or gathered by this office for identified facilities. Facilities are listed in order of proximity to the subject site. Additional discussion for selected facilities may follow the summary table.

Listed Facilities

Facility Name and Location	Estimated Distance/Direction/Gradient	Database Listings
Noller Auto Salvage 5301 South Topeka Boulevard	Adjacent / south-southeast / up-gradient	RCRA-CESQG
Metz Baking 5225 S Topeka	Approximately 150 feet / east / up-gradient	LUST
Coastal Mart (Derby) 5147 S Topeka	Approximately 260 feet / east / up-gradient	LUST
American Lawn And Leisure 4830 S Topeka	Approximately 620 feet / east / cross-gradient	LUST
Davis Sport Cycles Inc 4806 S Topeka	Approximately 670 feet / east / up-gradient	LUST
Ht Paul Co. 4726 S Topeka	Approximately 680 feet / east / cross-gradient	LUST
Black & Gold 4502 Sw Burlingame	Approximately 1860 feet / northwest / down-gradient	LUST
Forbes Air Force Base (No Street Given)	Approximately 2150 feet / southeast / cross-gradient	DOD
Pauline Farmers Coop 417 W 57th St	Approximately 2750 feet / south-southeast / up-gradient	LUST

Noller Auto Salvage

This facility is located up-gradient and adjacent to the subject site to the south-southeast at 5301 South Topeka Boulevard. The database indicates that this facility is a RCRA-Conditionally Exempt Small Quantity Generator. The only listed wastes being produced on-site are ignitable hazardous wastes with flashpoints lower than 140 degrees Fahrenheit (D001). No violations are reported to be found at this facility. This facility is considered a REC due to relative distance from the subject site and topographic gradient.

Coastal Mart (Derby)

This facility is located upgradient of the project site at 5147 South Topeka Boulevard, approximately 260 feet to the east of the subject site. The database indicates this property to be a LUST site. The initial LUST report date was January 19, 1990, four days after the removal of five USTs at C-Mart #9134. The final report date leading to the current "Closed" status of the site was not provided in the database. This facility is not considered to be a REC based on regulatory status.

The remaining facility listings do not appear to represent RECs to the site at this time based upon regulatory status, apparent topographic gradient, and relative distance from the site.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the site. The report listed 20 facilities in the unmapped section. Determining the location of unmapped facilities is beyond the scope of this assessment; however, none of these facilities were identified as the site. These facilities are listed in the database report in Appendix D.

4.2 Local Agency Inquiries

4.2.1 Health Department/Environmental Division

The Shawnee County Health Department was contacted on April 1, 2008 by e-mail regarding environmental records or information indicating environmental concerns for the site. The department responded to Terracon's request on April 8, 2008 indicating they had no records on file for the site.

4.2.2 Fire Department

The City of Topeka Fire Department was contacted on April 1, 2008 by e-mail regarding environmental records or information indicating environmental concerns for the site. At the issuance of this report, a response had not been received from the fire department.

4.2.3 Planning Department

The City of Topeka Planning and Zoning Department was contacted on April 1, 2008 by e-mail regarding environmental records for the site. On April 3, 2008 Ms. Cindy Johnson with the department responded to the request indicating the property is currently zoned as I-1 (Light Industrial). No information relating to the historical property zoning was provided.

4.2.4 Building Permit/Inspection Department

The City of Topeka Code Compliance Department was contacted on April 1, 2008 by e-mail regarding environmental records for the site. At the issuance of this report, a response had not been received from the Building Permit/Inspection department.

4.3 Records Review Summary

The regulatory review identified 7 LUST and 1 RCRA-CESQG facilities within the search radii. The Noller Auto Salvage facility was listed as a RCRA-CESQG and is located adjacent to the site in the upgradient direction. This facility corresponds with the historical auto salvage yard identified in the historical review. The long term presence of the salvage yard adjacent to the site presents a REC. The local agency inquiries for environmental

records did not reveal the project site to be a REC based on information contained in the database.

5.0 SITE RECONNAISSANCE

5.1 General Site Information

Information contained in this section is based on a visual reconnaissance conducted while walking through the site and the accessible interior areas of structures, if any, located on the site. Figure 2 in Appendix A is a diagram of the site. Photo documentation of the site at the time of the visual reconnaissance is provided in Appendix E. Credentials of the individuals planning and conducting the site visit are included in Appendix F.

General Site Information

Site Reconnaissance	
<i>Field Personnel</i>	Dane G. Bailey
<i>Reconnaissance Date</i>	April 8, 2008
<i>Weather Conditions</i>	Clear and nice
<i>Site Contact/Title</i>	Kathy Moellenberndt
Site Description	
<i>Site Name</i>	Proposed Go Topeka Development 1 & 2
<i>Site Location/Address</i>	Southeast of Interstate 335 (I-335) and US Highway, Topeka, Shawnee County, Kansas
<i>Land Area</i>	Approximately 400 acres
<i>Other Site Improvements</i>	Undeveloped Grass and Tree Covered Lot
<i>Zoning</i>	I-1 Light Industrial
<i>Site Topographic Relief</i>	West/northwest
Site Utilities	
<i>Electricity</i>	NA
<i>Drinking Water</i>	NA
<i>Wastewater</i>	NA
<i>Natural Gas</i>	NA

5.2 General Description of Site, Occupants, and Operations

The site is an approximate 400 acre tract of land southeast of Interstate 335 and US Highway 75. The property is currently an undeveloped grass and tree covered area.

5.3 Site Observations

The following table summarizes site observations and interviews. Affirmative responses (designated by an "X") are discussed in more detail following the table.

Site Characteristics

Category	Item or Feature	Observed
Site Operations, Processes, and Equipment	Emergency generators	
	Elevators	
	Air compressors	
	Hydraulic lifts	
	Dry cleaning	
	Photo processing	
	Laboratory hoods and/or incinerators	
	Waste treatment systems and/or water treatment systems	
	Heating and/or cooling systems	
	Other processes or equipment	
Aboveground Chemical or Waste Storage	Aboveground storage tanks	
	Drums, barrels and/or containers ≥ 5 gallons	
	MSDS	
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, catch basins and/or dry wells	
	Grease traps	
	Septic tanks and/or leach fields	
	Oil/water separators	
	Pipeline markers	X
	Interior floor drains	
Electrical Transformers/ PCBs	Pad or pole mounted transformers and/or capacitors	
	Other equipment	
Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	
	Leachate and/or waste seeps	
	Trash, debris and/or other waste materials	X
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	X

Category	Item or Feature	Observed
	Surface water discoloration, odor, sheen, and/or free floating product	
	Strong, pungent or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
Other Notable Site Features	Surface water bodies	X
	Quarries or pits	
	Wells	X

Underground Chemical or Waste Storage, Drainage or Collection Systems

Pipeline markers

Pipeline markers were observed marking an east-west oriented pipeline in the southern portion of the site. Associated labeling indicated that the pipeline contained Natural Gas and was owned by Kansas Gas Service.

Releases or Potential Releases

Trash, debris and/or other waste materials

Trash and debris was observed along the unnamed intermittent creek in the extreme eastern portion of the site during the site reconnaissance. Based on visual observation (only of surface materials) approximately 600 square feet of debris, which consisted of wiring, buckets, appliances, aerosol spray paint cans, motor oil bottles, drums, and tires was observed. Leakage, spills or other releases from these materials were not observed during the visual reconnaissance. The debris and trash pile along the bank of the creek poses a REC to the site due to the amount of materials obscured from view, the unknown age of the material, and due to the unknown nature of materials within buckets, aerosol cans, and other containers.

Construction/demolition debris

Demolition debris including multiple concrete pads, concrete blocks, bricks, limestone, and lumber were observed at the location of the former farmstead south of 49th Street. The materials are likely the remains left after demolition of the farmstead. The demolition debris does not constitute a REC to the site.

Other Notable Site Features

Surface water bodies

A drainage ditch was observed in the eastern portion of the site. No evidence of chemical sheens was observed on the surface of the waters and no noxious odors were observed emanating from within the drainage ditch at the time of the site reconnaissance. An intermittent stream was also noted along the eastern portion of the site. Terracon observed significant amounts of material that had been dumped/disposed of in the creek. This material is described above.

Wells

Two groundwater wells were observed in the north portion of the site by the former residence and in the southeast corner of the site in a tree covered area of the site. According to Terracon's PJD, when the groundwater wells were installed is unknown. Terracon plugged both wells in accordance with KDHE well plugging regulations on April 2, 2008. The groundwater wells do not pose a REC to the site.

5.4 Interviews Conducted During Visual Reconnaissance

The following individuals were interviewed regarding the presence or absence of the features listed in the table above.

Interviewees

<u>Interviewer</u>	<u>Interviewee/Phone #</u>	<u>Title</u>	<u>Date/Time</u>
Dane Bailey	Kathy Moellenberndt	Vice President- Director Economic Development	April 7, 2008 / 10:00am

More information collected during this interview is provided in Section 3.10.

5.5 Site Reconnaissance Summary

The site is covered by agricultural fields, pasture, and wooded areas. Two intermittent streams and one drainage ditch were observed along the eastern portion of the property. During the site visit, Terracon observed the presence of water wells that had recently been plugged, evidence of a former farmstead, and a large area of dumped trash and debris along the bank of the intermittent stream along the extreme eastern portion of the site. The dumped trash and debris observed along the bank of the intermittent stream constitutes a REC to the site. No other RECs were observed during the site reconnaissance.

6.0 ADJOINING PROPERTY RECONNAISSANCE

Visual observations of adjoining properties (from site boundaries) are summarized below.

Adjoining Properties

Direction	Description
North	Grass and tree covered undeveloped area followed by the Frito Lay facility
East	Railroad tracks, various commercial businesses along South Topeka Boulevard including the Noller Auto Salvage Facility
South	Target Distribution Center, 57 th Street
West	US Highway 75 and Interstate 335 followed by undeveloped grass covered land

During the site visit, Terracon observed the properties to the north and west to be undeveloped grass and tree covered land. East of the site are railroad tracks and various commercial businesses along Topeka Boulevard, including the Noller Auto Salvage facility which is located adjacent to and upgradient from the site. This facility is considered a REC to the site. The Target Distributions center is located south of the site.

7.0 ADDITIONAL SERVICES

Per the agreed scope of services specified in the proposal, the following additional services (e.g., asbestos sampling, lead-based paint sampling, wetlands evaluation, lead in drinking water testing, radon testing, etc.) were conducted.

7.1 Limited Threatened/Endangered Species Review

Pursuant to the client's request, literature and agency file searches were conducted to identify the potential occurrence of federally listed threatened and endangered (T&E) species on the site. The search included information from the U.S. Fish and Wildlife Service (USFWS) and/or Kansas Department of Wildlife and Parks (KDWP) databases (<http://www.kdwp.state.ks.us/>). The following is a list of T&E species listed on the KDWP database that are potentially located in Shawnee County, Kansas as of June 2005:

THREATENED AND ENDANGERED SPECIES

(END – Endangered; THR – Threatened; NA – Not Available)

- Burying Beetle *Nicrophorus americanus* State: END Federal: END Critical Habitat: NO
- Bald Eagle *Haliaeetus leucocephalus* State: THR Federal: THR Critical Habitat: YES
- Eastern Spotted Skunk *Spilogale putorius* State: THR Federal: NA Critical Habitat: NO
- Eskimo Curlew *Numenius borealis* State: END Federal: END Critical Habitat: NO
- Least Tern *Sterna antillarum* State: END Federal: END Critical Habitat: YES
- Peregrine Falcon *Falco peregrinus* State: END Federal: NA Critical Habitat: YES
- Piping Plover *Charadrius melodus* State: THR Federal: THR Critical Habitat: YES
- Silver Chub *Macrhybopsis storeriana* State: END Federal: NA Critical Habitat: NO
- Smooth Earth Snake *Virginia valeriae* State: THR Federal: NA Critical Habitat: NO
- Snowy Plover *Charadrius alexandrinus* State: THR Federal: NA Critical Habitat: NO
- Sturgeon Chub *Macrhybopsis gelida* State: THR Federal: CAN Critical Habitat: YES
- Topeka Shiner *Notropis topeka* State: THR Federal: END Critical Habitat: YES
- Whooping Crane *Grus americana* State: END Federal: END Critical Habitat: NO

SPECIES IN NEED OF CONSERVATION (SNC)

- Black Tern *Chlidonias niger* State: SNC Federal: NA Critical Habitat: NA
- Bobolink *Dolichonyx oryzivorus* State: SNC Federal: NA Critical Habitat: NA
- Cerulean Warbler *Dendroica cerulea* State: SNC Federal: NA Critical Habitat: NA
- Golden Eagle *Aquila chrysaetos* State: SNC Federal: NA Critical Habitat: NA
- Henslow's Sparrow *Ammodramus henslowii* State: SNC Federal: NA Critical Habitat: NA
- Plains Minnow *Hybognathus placitus* State: SNC Federal: NA Critical Habitat: NA
- Short-eared Owl *Asio flammeus* State: SNC Federal: NA Critical Habitat: NA
- Southern Bog Lemming *Synaptomys cooperi* State: SNC Federal: NA Critical Habitat: NA
- Southern Flying Squirrel *Glaucomys volans* State: SNC Federal: NA Critical Habitat: NA
- Tadpole Madtom *Noturus gyrinus* State: SNC Federal: NA Critical Habitat: NA
- Timber Rattlesnake *Crotalus horridus* State: SNC Federal: NA Critical Habitat: NA
- Whip-poor-will *Camprimulgus vociferus* State: SNC Federal: NA Critical Habitat: NA
- Yellow-throated Warbler *Dendroica dominica* State: SNC Federal: NA Critical Habitat: NA

The Kansas Department of Wildlife and Parks responded to Terracon's request to evaluate the site for T&E species at the site in a letter dated April 11, 2008. This response is provided in Appendix C. According to the department, no T&E species or public recreations areas should be impacted by the project. The department does indicate that some impact to terrestrial or aquatic habitat may occur. The department provided the following recommendations to mitigated impacts to wildlife:

- Avoid disturbing the bed and banks of streams during the general spawning period from April 1 to July 31;
- Minimize encroachment or development in floodplains;
- Minimize the disturbance to riparian or native hardwood timber;
- Protect warm-season pastures or rangeland;
- Do not fill wetlands or areas that routinely pond water;
- Install appropriate temporary erosion measures (i.e. silt fencing, hay bale ditch checks, erosion control blankets, rock ditch checks, etc.) to control soil erosion and protect water quality during construction;
- Revegetate all disturbed areas with similar native species.

No Kansas Department of Wildlife and Parks permits or special authorizations are required for the site. At the issuance of the report, a response had not yet been received from the U.S. Fish and Wildlife department.

Based on site observations and literature and agency file searches, the property is not likely to support habitat for the listed species. Absence of documented sightings on-site or in the immediate vicinity does not ensure that T&E species are not present. The lack of documented sightings may indicate that the area has not been surveyed or did not previously contain habitat. This level of investigation does not provide a habitat suitability analysis for all species with the potential to be present.

7.2 Limited Historic Properties/Archaeological Resources Review

Pursuant to the client's request, literature and agency file review was conducted to identify the potential occurrence of cultural resources on the site. Cultural resources comprise of both historic properties and archaeological artifacts. The review included the National Register of Historic Places and correspondence with the Kansas State Historical Society Preservation Officer (SHPO).

In a letter dated April 16, 2008, the SHPO responded to the request indicating that according to their records, no recorded archeological sites or standing structures are present. According to the department, most of the project area consists of an upland ridge

with generally low archeological site potential. The only exception appeared to be the narrow southwestern portion of the site that follows Shunganunga Creek. The department recommended this portion of the site be surveyed by a professional archeologist prior to beginning construction, as it is in an area of high and/or moderate archeological potential which has never undergone an archeological survey. The concern of the department is that recorded sites are present along Shunganunga Creek and its major tributaries in similar topographic settings.

The department did emphasize that in the case of this project (a project that appears to use no federal funds and could require only state-level notice of intent (NOI) permits) the department has no legal authority to compel an archeological survey.

Further, Terracon did not note obvious archaeological resources or structures of historical significance on the site.

8.0 FINDINGS, CONCLUSIONS, AND RECOMMENDATIONS

8.1 Findings and Conclusions

This Phase I ESA was performed in accordance with our proposal dated March 19, 2008, and was conducted consistent with the procedures included in ASTM E 1527-05, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA was conducted under the supervision or responsible charge of Bridget M. Aeschliman, P.G., environmental professional. Dane G. Bailey performed the site reconnaissance on April 8, 2008.

A cursory summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

- The site is located at Southeast of Interstate 335 (I-335) and US Highway in Topeka, Shawnee County, Kansas. The site is an approximate 400 acres tract of land that has been improved with Undeveloped Grass and Tree Covered Lot. The site is an approximate 400 acre tract of land southeast of Interstate 335 and US Highway 75. The property is currently an undeveloped grass and tree covered area.
- The site is covered by agricultural fields, pasture, and wooded areas. Two intermittent streams and one drainage ditch were observed along the eastern portion of the property. During the site visit, Terracon observed the presence of water wells

- that had recently been plugged, evidence of a former farmstead, and a large area of dumped trash and debris along the bank of the intermittent stream along the extreme eastern portion of the site. The dumped trash and debris observed along the bank of the intermittent stream constitutes a REC to the site. No other RECs were observed during the site reconnaissance.
- Based on review of the historical information, the site appears to have been undeveloped grass and tree covered land since at least 1942. Property to the west and south of the site has primarily been undeveloped grass covered land - some used for agricultural purposes. City directories indicate the historical presence of an auto salvage facility and auto repair facility immediately east and upgradient of the site. The presence of these facilities and the unknown nature of their impact on the site represents a REC to the site.
 - During the site visit, Terracon observed the properties to the north and west to be undeveloped grass and tree covered land. East of the site are railroad tracks and various commercial businesses along Topeka Boulevard, including the Noller Auto Salvage facility which is located adjacent to and upgradient from the site. This facility is considered a REC to the site. The Target Distributions center is located south of the site.
 - The regulatory review identified 7 LUST and 1 RCRA-CESQG facilities within the search radii. The Noller Auto Salvage facility was listed as a RCRA-CESQG and is located adjacent to the site in the upgradient direction. This facility corresponds with the historical auto salvage yard identified in the historical review. The long term presence of the salvage yard adjacent to the site presents a REC. The local agency inquiries for environmental records did not reveal the project site to be a REC based on information contained in the database.
 - In 2007, Terracon conducted a Geotechnical Study for Go Topeka, Inc. on a 30 acre portion in the southwest corner of the site. The geotechnical report completed indicated that bedrock was encountered between 8 and 16 feet. Ground water was generally encountered during the geotechnical study at depths between 8.5 and 16 feet below ground surface. Terracon also conducted a Preliminary Jurisdictional Determination study over the entire site area. The Preliminary Jurisdictional Determination found four areas that were determined to be potentially jurisdictional US Waters, one herbaceous wetland and three intermittent streams.
 - Terracon contacted the U.S. Fish and Wildlife Service as well as the Kansas Department of Wildlife and Parks (KDWP) to evaluate the site area and determine the potential for impacts to threatened and endangered species. The KDWP provided a response to the request indicating that no T&E species will be impacted by the project.

- Terracon contacted the Kansas State Historic Preservation Office (SHPO) to determine if cultural or archeological concerns are present at the site. The SHPO office indicated that according to their records, there are no recorded archeological sites or standing structures present at the site. The SHPO office did recommend that prior to construction activities, the southwestern portion of the site along the South Branch of the Shunganunga Creek be surveyed by a professional archeologist. However, if the project is not utilizing federal funds, the SHPO agency has no legal authority to require the additional assessment.

8.2 Recommendations

Based on the scope of services, limitations, and findings of this assessment, Terracon identified the following RECs:

- Disposal of trash and debris located in the creek at the east side of site.
- The long term historical presence of an auto salvage yard and automotive repair facility immediately east (upgradient) from the site.

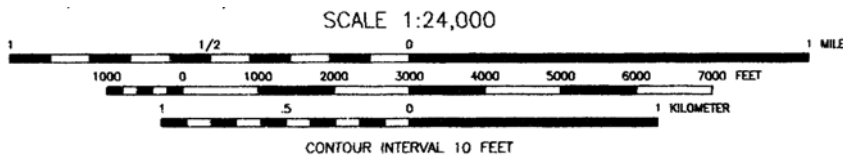
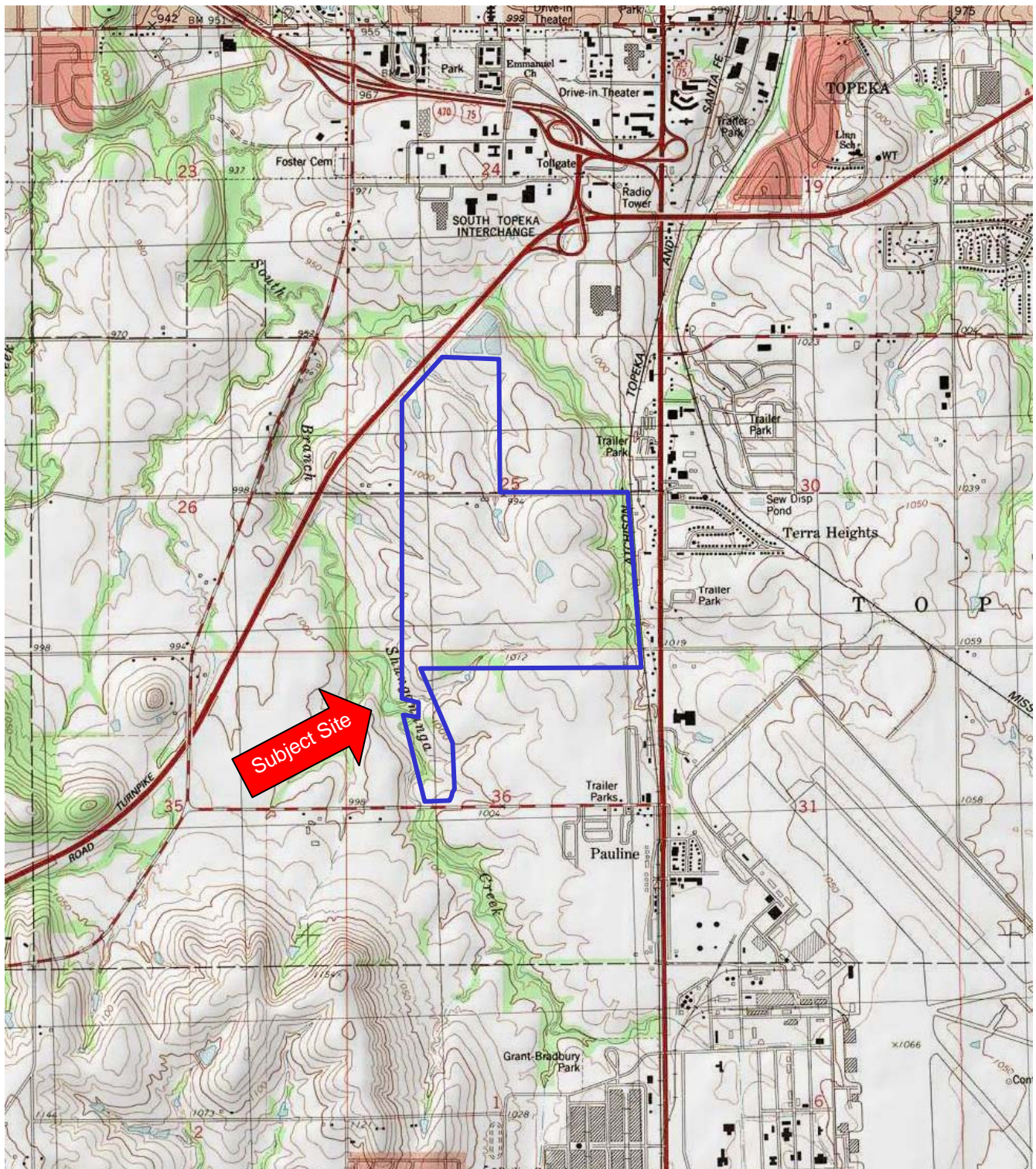
Based on this information, Terracon recommends limited soil and/or ground water sampling along the eastern edge of the site to determine if the site has been impacted by off-site historical automotive salvage and repair activities. Terracon also recommends additional soil sampling activities in the vicinity of the trash and debris located in the creek, as well as both up and down stream water sample collection.

9.0 DECLARATION

I, Bridget M. Aeschliman, P.G., declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a site of the nature, history, and setting of the subject site. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practice set forth in 40 CFR Part 312.

APPENDIX A

Figure 1 - Topographic Map, Figure 2 – Site Diagram



U.S.G.S. 7.5 MINUTE SERIES TOPOGRAPHIC MAP
STATE of KANSAS QUADRANGLE
 WAKARUSA
 1983

FIGURE 1 - TOPOGRAPHIC MAP
 GO TOPEKA PHASE 1
 TOPEKA, KANSAS

Proj. Mngr: DGB

Designed by: BMA

Drawn by: DGB

Terracon
 3113 SW Van Buren
 Topeka, Kansas 66611

Proj. # 14087014

FN: Figure1.ppt

Date: 4/17/08



PROPERTY BOUNDARY

**FIGURE 2 – SITE DIAGRAM
GO TOPEKA PHASE 1
TOPEKA, KANSAS**

Proj. Mngr: DGB

Designed by: BMA

Drawn by: DGB

Terracon
3113 SW Van Buren
Topeka, Kansas 66611

Proj. # 14087014

FN: Figure2.ppt

Date: 4/17/08

APPENDIX B

Description of Terms and Acronyms

COMMON ACRONYMS ¹

ACM	Asbestos containing material
AST	Aboveground storage tank
ASTM	American Society for Testing and Materials
AUL	Activity and use limitation
BGS.....	Below ground surface
BTEX.....	Benzene, toluene, ethylbenzene, and xylenes
CERCLA.....	Comprehensive Environmental Response, Compensation, and Liability Act
CFR.....	Code of Federal Regulations
DOT.....	United States Department of Transportation
EPA	United States Environmental Protection Agency
HREC	Historical recognized environmental condition
LUST	Leaking underground storage tank
MCL.....	Maximum contaminant level
MSDS.....	Material safety data sheet
NGVD.....	National Geodetic Vertical Datum
NOV	Notice of violation
NPL	National Priority List
NRCS.....	USDA Natural Resource Conservation Service
OSHA.....	Occupational Safety and Health Administration
PCB.....	Poly-chlorinated biphenyl
RCRA.....	Resource Conservation and Recovery Act
REC.....	Recognized environmental condition
SPCC	Spill Prevention, Control and Countermeasure
SWPPP	Stormwater pollution prevention plan
TEPH.....	Total extractable petroleum hydrocarbons
TPH.....	Total petroleum hydrocarbons
TVPH.....	Total volatile petroleum hydrocarbons
TRI	Toxic release inventory
TSCA.....	Toxic Substances Control Act
USGS.....	United States Geological Survey
UST	Underground storage tank
VCP.....	Voluntary cleanup program
VOC	Volatile organic compound

Units of measure

sq ft or ft ²	square feet
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
ug/l	micrograms per liter
ppb	parts per billion
ppm.....	parts per million

¹ An additional list of acronyms and definitions is included in Appendix B.

Description of Terms and Acronyms (cont.)

Term/Acronym	Description
FRP	Fiberglass Reinforced Plastic
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clear Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term does not include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."
IC / EC	Industrial Controls / Engineering Controls
ILP	Innocent Landowner Program
IOP	Innocent Owner/Operator Program
LQG	Large quantity generators.
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NGVD	National Geodetic Vertical Datum
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	National Priorities List, as more particularly described under the Records Review section of this report.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/l	picoCuries per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)

Description of Terms and Acronyms (cont.)

Term/Acronym	Description
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ("cradle to grave"). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA generators list is part of the RCRIS database maintained by EPA and lists facilities that generate hazardous waste as part of their normal business operations, as more particularly defined under Section 5.0 of this report.
RCRA CORRACTS/TSDs	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials, which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-CORRACTS/TSDs	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities, which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions are defined by ASTM E 1527-05 as "the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property." The term includes hazardous substances or petroleum products even under conditions of compliance with laws. The term is not intended to include <i>de minimis</i> conditions that generally do not present a material risk of harm to the public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.
SCL	State "CERCLIS" List (see SPL /State Priority List, below).
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small quantity generators.
SWF	Solid Waste Facility. Landfills listed by a state database.
TPH	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers

Description of Terms and Acronyms (cont.)

Term/Acronym	Description
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E 1527-05, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	Voluntary Cleanup Program
VOC	Volatile Organic Compound
Wetlands	<p>Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The <u>Corps of Engineers Wetlands Delineation Manual</u> (Technical Report Y-87-1) defines wetlands as areas 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. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present.</p> <p>The federal Clean Water Act which regulates “waters of the US,” also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.</p>

Description of Terms and Acronyms (cont.)

Kansas Term/Acronym	Description
SHWS	The Kansas Department of Health and Environment (KDHE) maintains a database of state equivalent CERCLIS facilities in the state of Kansas.
SWF/LF	State and/or Tribal database of solid waste facilities located within Kansas. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.
LUST	State and/or Tribal database of leaking underground storage tanks in the state of Kansas.
UST	State and/or Tribal database of registered storage tanks in the State of Kansas which may include the owner and location of the tanks.
IC	Sites that have institutional control information entered into the Identified Sites List database maintained by the KDHE.
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.
Brownfields	State and/or Tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.

APPENDIX C

Historical Documentation

Certified Sanborn® Map Report



Sanborn® Library search results
Certification # 54EC-46DA-9BC6

Go Topeka ESA
US Hwy 75 & SW 49th Street
Topeka, KS 66609

Inquiry Number 2182429.2

April 01, 2008



EDR® Environmental
Data Resources Inc

The Standard in Environmental Risk Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

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

Certified Sanborn® Map Report

4/01/08

Site Name:

Go Topeka ESA
US Hwy 75 & SW 49th Street
Topeka, KS 66609

Client Name:

Terracon, Inc.
3113 S.W. Van Buren Street
Topeka, KS 66611

EDR Inquiry # 2182429.2

Contact: Dane Bailey



EDR® Environmental
Data Resources Inc

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

Certified Sanborn Results:

Site Name: Go Topeka ESA
Address: US Hwy 75 & SW 49th Street
City, State, Zip: Topeka, KS 66609
Cross Street:
P.O. # NA
Project: 14087014
Certification # 54EC-46DA-9BC6



Sanborn® Library search results
Certification # 54EC-46DA-9BC6

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Total Maps: 0

The Sanborn Library includes more than 1.2 million Sanborn fire insurance maps, which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

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KANSAS

KSR&C No. 08-04-139

Kansas State Historical Society
Jennie Chinn, *Executive Director*

KATHLEEN SEBELIUS, GOVERNOR

April 16, 2008

Dane Bailey
Environmental Project Manager
Terracon Consultants, Inc.
3113 Southwest Van Buren Street
Topeka, Kansas 66611

RE: Potential Development Area
47th Street and U.S. Highway 75
Shawnee County

Dear Mr. Bailey:

The Kansas State Historic Preservation Office has reviewed its cultural resources files for the area of the proposed project as described in your letter of April 2, 2008 in accordance with 36 CFR 800. According to our records, there are no recorded archeological sites or standing structures present. Most of the proposed project area consists of an upland ridge with generally low archeological site potential. The only exception is the narrow southwestern portion that follows the South Branch of Shunganunga Creek. That portion of the project should be surveyed by a professional archeologist prior to beginning construction, as it is in an area of high and/or moderate archeological potential which has never undergone an archeological survey. Our concern is that recorded sites are present along Shunganunga Creek and its major tributaries in similar topographic settings.

That said though, we must emphasize that in the case of a project such as this that appears to use no federal funds and could require only state-level notice of intent (NOI) permits; our agency has no legal authority to compel your firm or your client to fund an archeological survey. If, however, any federal funds are to be used or if any federal permits (such as a Section 404 permit from the Corps of Engineers) might ultimately be required, then Section 106 of the National Historic Preservation Act will apply this recommendation will become a requirement.

Any archeologist meeting the Minimum Professional Qualifications of this office as outlined in *The State Historic Preservation Officer's Guide For Archeological Survey, Assessment, and Reports* (SHPO's Guide), is eligible to perform the requested work. A list of archeological contractors meeting these standards is available from our web site at <http://www.kshs.org/resource/section106home.htm>. Two **unbound** copies of the report documenting the survey, its results, and recommendations for mitigating the effects of construction on archeological sites, if any, should be sent to this office.

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 at (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
Executive Director and
State Historic Preservation Officer


Patrick Zollner
Deputy State Historic Preservation Officer



KANSAS

DEPARTMENT OF WILDLIFE AND PARKS

KATHLEEN SEBELIUS, GOVERNOR

4/11/2008

Ref: D9.0000

Dane G. Bailey
Environmental Project Manager
Terracon Consultants, Inc.
3113 Southwest Van Buren Street
Topeka, KS 66611

RE: *Environmental Assessment - 47th Street & US Highway 75 (Project No. 14087014)*

Dear Sir/Madam:

The project was reviewed for potential impacts on crucial wildlife habitats, current state-listed threatened and endangered wildlife species, and public recreation areas for which this agency has some administrative authority.

Our review indicates no Threatened or Endangered state-listed species or public recreation areas should be significantly impacted by the project; however, some impact to terrestrial or aquatic habitat may occur. We advocate incorporating the following project recommendations to mitigate impacts to wildlife; avoid disturbing the bed and banks of streams during the general spawning period from April 1 – July 31, minimize encroachment or development in floodplains, minimize the disturbance to riparian or native hardwood timber, protect warm-season pastures or rangeland, do not fill wetlands or areas that routinely pond water, install appropriate temporary erosion measures (e.g. silt fencing, hay bale ditch checks, erosion control blankets, rock ditch checks, etc.) to control soil erosion and protect water quality during construction, revegetate all disturbed areas with similar native species.

No Department of Wildlife and Parks permits or special authorizations are required. Because the Department's recreational land obligations, state threatened and endangered species list and critical habitat designations periodically change; if construction has not started within one year of the date of this review, or if design changes are made in the project plans, the project sponsor must contact this office to verify continued applicability of this review assessment. For our purposes, we consider construction started when advertisements for bids are distributed.

KDWP Ecologist, James Larson, jamesl@wp.state.ks.us performed this review. Please contact our office if you have any questions, comments, or suggestions. Thank you for the opportunity to provide these comments and recommendations.

KDWP Environmental Services Section

APPENDIX D

Environmental Database Information



The EDR Radius Map with GeoCheck®

**Go Topeka ESA
US Hwy 75 & SW 49th Street
Topeka, KS 66609**

Inquiry Number: 2182429.1s

April 01, 2008

The Standard in Environmental Risk Information

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

US HWY 75 & SW 49TH STREET
TOPEKA, KS 66609

COORDINATES

Latitude (North):	38.975590 - 38° 58' 32.1"
Longitude (West):	95.696830 - 95° 41' 48.6"
Universal Transverse Mercator:	Zone 15
UTM X (Meters):	266372.4
UTM Y (Meters):	4317319.5
Elevation:	1011 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	38095-H6 WAKARUSA, KS
Most Recent Revision:	1983

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
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Transporters, Storage and Disposal
RCRA-LQG	RCRA - Large Quantity Generators

EXECUTIVE SUMMARY

RCRA-NonGen	RCRA - Non Generators
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ODI	Open Dump Inventory
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

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

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants
--------------------------------	---

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

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.

FEDERAL RECORDS

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

A review of the RCRA-SQG list, as provided by EDR, and dated 09/11/2007 has revealed that there is 1 RCRA-SQG site within approximately 0.75 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>FRITO LAY INC TOPEKA FAC</i>	<i>4236 SW KIRKLAND</i>	<i>1/2 - 1 NNE</i>	<i>13</i>	<i>22</i>

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 09/11/2007 has revealed that there are 2 RCRA-CESQG sites within approximately 0.75 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>NOLLER AUTO SALVAGE</i>	<i>5301 SOUTH TOPEKA BOULE</i>	<i>1/2 - 1 ESE</i>	<i>B7</i>	<i>15</i>
<i>TOPEKA TOUR & TRAIL</i>	<i>5319 S TOPEKA BLVD</i>	<i>1/2 - 1 ESE</i>	<i>B8</i>	<i>17</i>

DOD: 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.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1.5 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>FORBES AIR FORCE BASE</i>		<i>1 - 2 SE</i>	<i>0</i>	<i>6</i>

EXECUTIVE SUMMARY

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 01/04/2008 has revealed that there are 2 FINDS 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>
C-MART #9134	5147 SW TOPEKA BLVD	1/4 - 1/2 E	3	10
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DAVIS, JOE	1435 SW 49TH ST	1/4 - 1/2 NW	1	6

STATE AND LOCAL RECORDS

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 01/31/2008 has revealed that there are 7 LUST sites 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>
METZ BAKING Facility Status: Closed	5225 S TOPEKA	1/2 - 1 ESE	A5	13
DAVIS SPORT CYCLES INC Facility Status: Closed	4806 S TOPEKA	1/2 - 1 ENE	6	14
AMERICAN LAWN AND LEISURE Facility Status: Closed	4830 S TOPEKA	1/2 - 1 ENE	9	19
COASTAL MART (DERBY) Facility Status: Closed	5147 S TOPEKA	1/2 - 1 NE	12	22
PAULINE FARMERS COOP Facility Status: Monitor	417 W 57TH ST	1/2 - 1 SSE	15	25
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
HT PAUL CO. Facility Status: Closed	4726 S TOPEKA	1/2 - 1 NE	14	25
BLACK & GOLD Facility Status: Closed	4502 SW BURLINGAME	1/2 - 1 NW	16	26

EXECUTIVE SUMMARY

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Health & Environment's UST (Report) Listing Including Names.

A review of the UST list, as provided by EDR, and dated 01/31/2008 has revealed that there are 6 UST sites within approximately 0.75 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
C-MART #9134	5145 SOUTH TOP BLV	1/4 - 1/2 E	2	6
HM OF TOPEKA, LLC	5305 S TOPEKA	1/2 - 1 ESE	A4	11
METZ BAKING	5225 S TOPEKA	1/2 - 1 ESE	A5	13
DAVIS SPORT CYCLES INC	4806 S TOPEKA	1/2 - 1 ENE	6	14
TOPEKA LAWN & TRACTOR INC.	4826 S. TOPEKA	1/2 - 1 NE	10	19
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
MID-AMERICA IMPORT SALVAGE, IN	5725 S. TOPEKA	1/2 - 1 SE	11	21

LAST: The Leaking Aboveground Storage Tanks database

A review of the LAST list, as provided by EDR, and dated 01/31/2008 has revealed that there is 1 LAST site within approximately 1 mile of the target property.

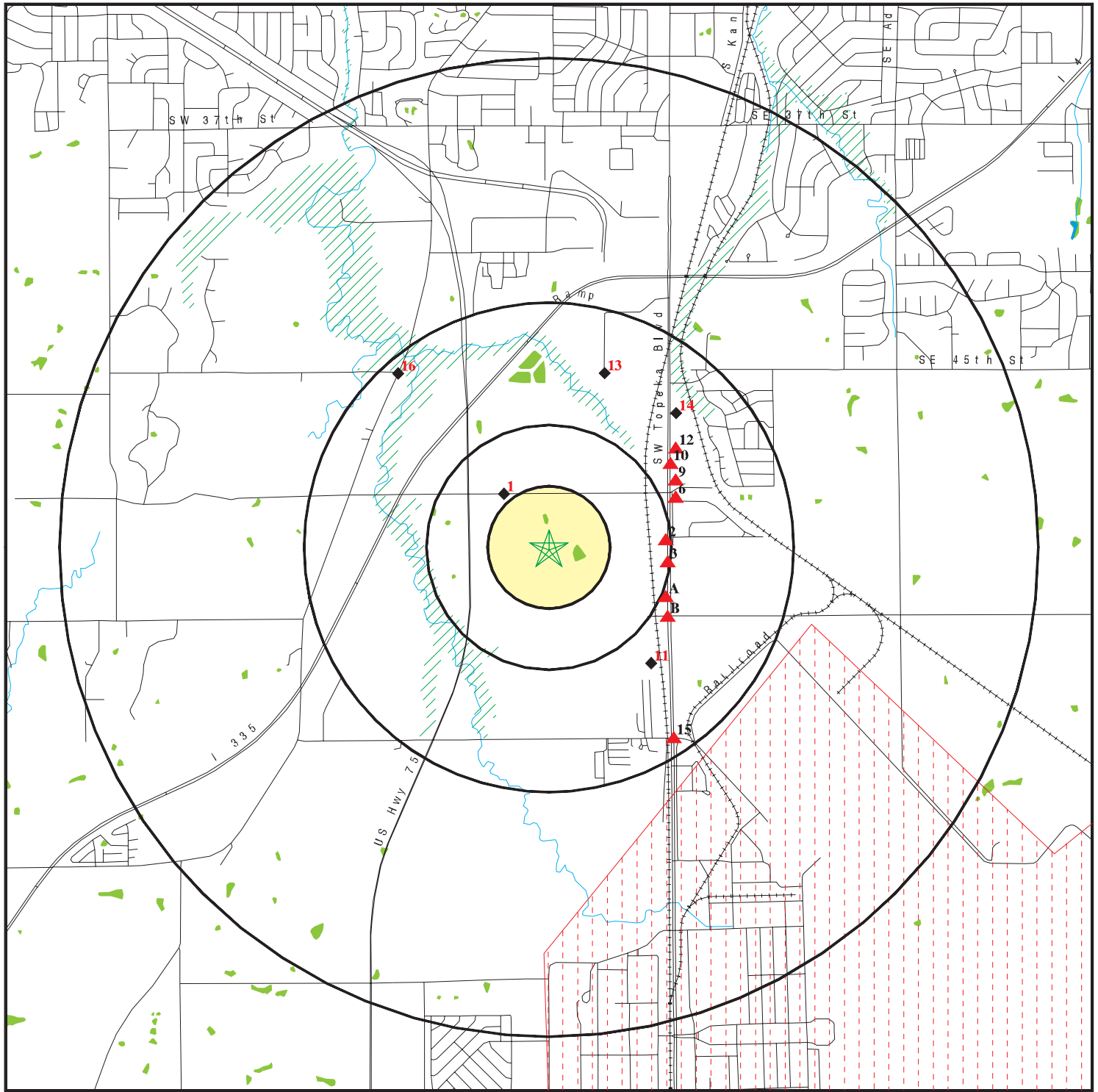
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PAULINE FARMERS COOP	417 W 57TH ST	1/2 - 1 SSE	15	25
Facility Status: Closed				

EXECUTIVE SUMMARY

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

<u>Site Name</u>	<u>Database(s)</u>
2020 SE 10TH	CDL
21ST AND OAKLEY	CDL
700 BLOCK NE ARTER	CDL
SHADDEN RD NORTH OF HWY 40	CDL
TINKER WAREHOUSE ANNEX (FORMER)	SHWS
FORBES AFB - RADIO RANGE TANK T177	SHWS
ESSEX GROUP, INC.	SHWS, FINDS, VCP
PAULINE FARM STORE (FORMER FCA)	SHWS
CITY OF TOPEKA/PARK DEPT	SWF/LF
BETTIS ASPHALT & CONSTRUCTION, INC	SWF/LF
ROLLING MEADOWS	SWF/LF
TOPEKA WASTE SYSTEMS	SWF/LF
IRWIG, J E, TOPEKA	LUST
JIM'S TRAILER SALES	LUST
TOMMY MCGEENEY MOTORS	LUST
6700 SW TOPEKA BLVD BLDG 820	HMIRS
TOPEKA TERMINAL LLC	FINDS
FAA, TOPEKA RTR	FINDS
IRWIG, J E, TOPEKA	FINDS
2020 SE 10TH	US CDL

OVERVIEW MAP - 2182429.1s



★ 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

■ 100-year flood zone

■ 500-year flood zone

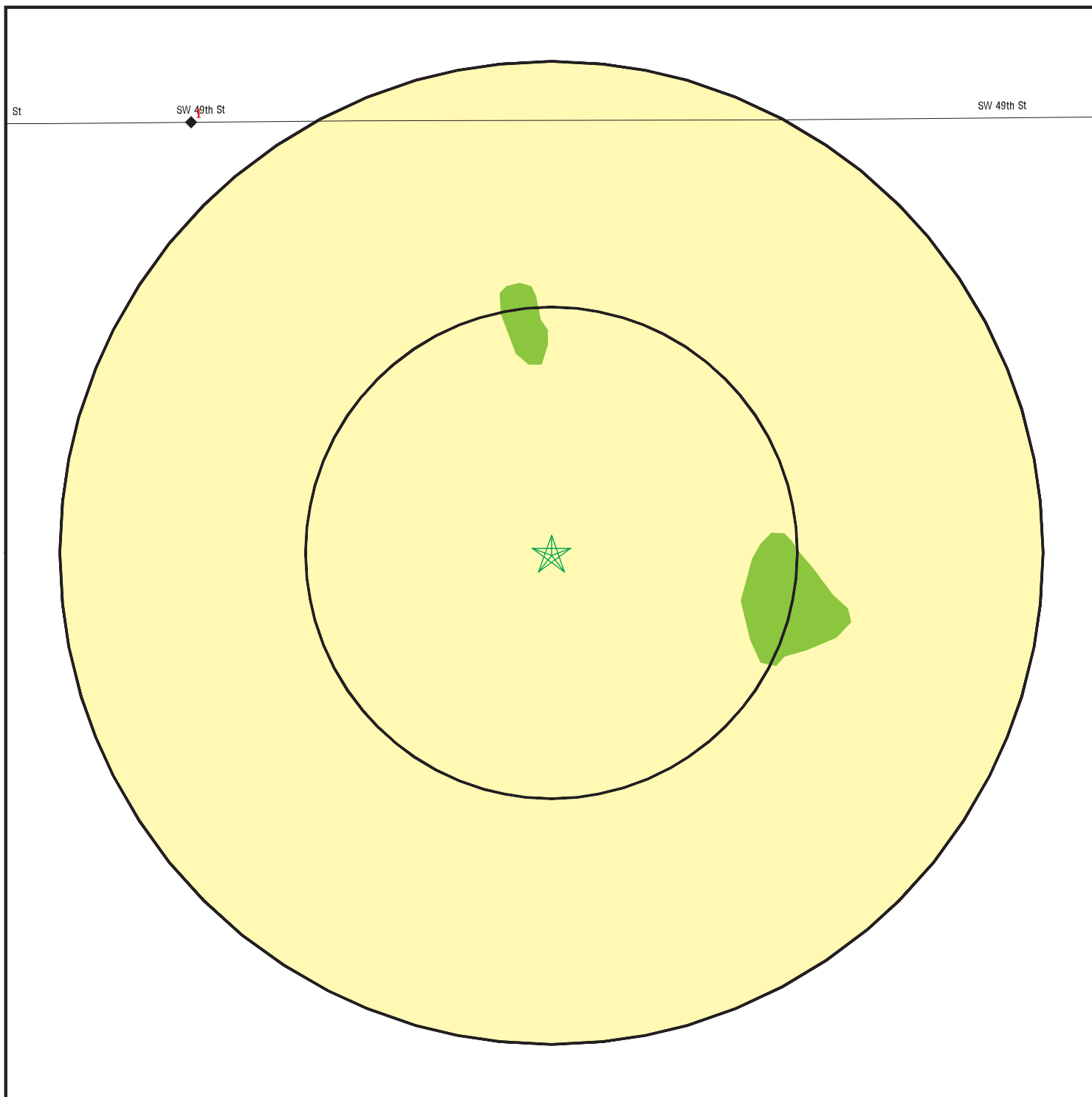
■ National Wetland Inventory

■ Areas of Concern

SITE NAME: Go Topeka ESA
ADDRESS: US Hwy 75 & SW 49th Street
Topeka KS 66609
LAT/LONG: 38.9756 / 95.6968

CLIENT: Terracon, Inc.
CONTACT: Dane Bailey
INQUIRY #: 2182429.1s
DATE: April 01, 2008 10:49 am

DETAIL MAP - 2182429.1s



- ★ 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
- 🌊 100-year flood zone
- 🌊 500-year flood zone
- 🌿 National Wetland Inventory
- 🔴 Areas of Concern

0 1/16 1/8 1/4 Miles



SITE NAME: Go Topeka ESA
 ADDRESS: US Hwy 75 & SW 49th Street
 Topeka KS 66609
 LAT/LONG: 38.9756 / 95.6968

CLIENT: Terracon, Inc.
 CONTACT: Dane Bailey
 INQUIRY #: 2182429.1s
 DATE: April 01, 2008 10:49 am

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		1.500	0	0	0	0	0	0
Proposed NPL		1.500	0	0	0	0	0	0
Delisted NPL		1.500	0	0	0	0	0	0
NPL LIENS		0.500	0	0	0	NR	NR	0
CERCLIS		1.000	0	0	0	0	NR	0
CERC-NFRAP		1.000	0	0	0	0	NR	0
LIENS 2		0.500	0	0	0	NR	NR	0
CORRACTS		1.500	0	0	0	0	0	0
RCRA-TSDF		1.000	0	0	0	0	NR	0
RCRA-LQG		0.750	0	0	0	0	NR	0
RCRA-SQG		0.750	0	0	0	1	NR	1
RCRA-CESQG		0.750	0	0	0	2	NR	2
RCRA-NonGen	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS		1.000	0	0	0	0	NR	0
US INST CONTROL		1.000	0	0	0	0	NR	0
ERNS		0.500	0	0	0	NR	NR	0
HMIRS		0.500	0	0	0	NR	NR	0
DOT OPS		0.500	0	0	0	NR	NR	0
US CDL		0.500	0	0	0	NR	NR	0
US BROWNFIELDS		1.000	0	0	0	0	NR	0
DOD		1.500	0	0	0	0	1	1
FUDS		1.500	0	0	0	0	0	0
LUCIS		1.000	0	0	0	0	NR	0
CONSENT		1.500	0	0	0	0	0	0
ROD		1.500	0	0	0	0	0	0
UMTRA		1.000	0	0	0	0	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		1.000	0	0	0	0	NR	0
MINES		0.750	0	0	0	0	NR	0
TRIS		0.500	0	0	0	NR	NR	0
TSCA		0.500	0	0	0	NR	NR	0
FTTS		0.500	0	0	0	NR	NR	0
HIST FTTS		0.500	0	0	0	NR	NR	0
SSTS		0.500	0	0	0	NR	NR	0
ICIS		0.500	0	0	0	NR	NR	0
PADS		0.500	0	0	0	NR	NR	0
MLTS		0.500	0	0	0	NR	NR	0
RADINFO		0.500	0	0	0	NR	NR	0
FINDS		0.500	0	0	2	NR	NR	2
RAATS		0.500	0	0	0	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
SHWS		1.500	0	0	0	0	0	0
SWF/LF		1.000	0	0	0	0	NR	0
LUST		1.000	0	0	0	7	NR	7
AOCONCERN		1.500	0	0	0	0	0	0
UST		0.750	0	0	1	5	NR	6

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
LAST		1.000	0	0	0	1	NR	1
AST		0.750	0	0	0	0	NR	0
SPILLS		0.500	0	0	0	NR	NR	0
INST CONTROL		1.000	0	0	0	0	NR	0
VCP		1.000	0	0	0	0	NR	0
DRYCLEANERS		0.750	0	0	0	0	NR	0
BROWNFIELDS		1.000	0	0	0	0	NR	0
CDL		0.500	0	0	0	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.500	0	0	0	0	0	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
INDIAN LUST		1.000	0	0	0	0	NR	0
INDIAN UST		0.750	0	0	0	0	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.500	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DOD
Region
SE
> 1
5446 ft.

FORBES AIR FORCE BASE
FORBES AIR FORCE BASE (County), KS

DOD **CUSA133683**
N/A

DOD:

Feature 1: Air Force DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: Forbes Air Force Base
Name 2: Not reported
Name 3: Not reported
State: KS
DOD Site: Yes
Tile name: KSSHAWNEE

1
NW
1/4-1/2
0.286 mi.
1508 ft.

DAVIS, JOE
1435 SW 49TH ST
TOPEKA, KS 66609

FINDS **1009449367**
110024712658

Relative:
Lower

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
1003 ft.

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.

2
East
1/4-1/2
0.479 mi.
2529 ft.

C-MART #9134
5145 SOUTH TOP BLV
TOPEKA, KS 66609

UST **U000871480**
N/A

Relative:
Higher

UST:
Facility ID: 07215
Facility Signed Date: 4/1/1986
Facility Update Date: 4/1/1986
Facility Tel: 316-267-0361
Facility 911 Address: 5147 S TOPEKA
Facility 911 Zip: TOPEKA, KS 66609
Facility District: NE
Facility Location Method: GARMIN 3
Facility Lat/Long: 38.97343/-95.68800
Facility Feature: Facility Center
Facility Datum: WGS84
Phone 24 Hours: 316-267-0361
Tank ID: 003
Capacity (Gals): 4000
Tank Type: U
Tank Exempt: No

Actual:
1024 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C-MART #9134 (Continued)

U000871480

Tank Status: Permanently Out Of Use
Hazards: Fire,Chronic,Acute
Petroleum Substance: Gas (Incl Alcohol)
NonPetroleum Substance: Not reported
Estimated Yr in Service: 1963
Date Removed: 1/15/1990
Last Permit Printed: Not reported
Current Permit Printed: Not reported
Material of Construction: Steel
Out of service Mo/Yr: 011990
QTY Remaining in Tank: Not reported
Filled/Removed: Removed
Tank Empty: Not reported
Line Construction: Not reported
Marketer?: No
Standby?: No
Contact: Derby Refining Compa
Contact Title: Not reported
Owner ID: 03006
Owner Signed Date: 4/1/1986
Owner: COASTAL MART
Owner Type: Private Or Corp.
Owner/Rep Name: M D Tindall
Owner/Rep Title: Vice Pres Mktg
Owner Tel: 713-877-3830
Owner Address: 9 GREENWAY PLAZA NO. 2088
Owner City, State, Zip: HOUSTON, TX 77046
Owner County: HARRIS
Principal CERCLA Substance/Chem Abstract Service Num: 8006-61-9

Facility ID: 07215
Facility Signed Date: 4/1/1986
Facility Update Date: 4/1/1986
Facility Tel: 316-267-0361
Facility 911 Address: 5147 S TOPEKA
Facility 911 Zip: TOPEKA, KS 66609
Facility District: NE
Facility Location Method: GARMIN 3
Facility Lat/Long: 38.97343/-95.68800
Facility Feature: Facility Center
Facility Datum: WGS84
Phone 24 Hours: 316-267-0361
Tank ID: 004
Capacity (Gals): 4000
Tank Type: U
Tank Exempt: No

Tank Status: Permanently Out Of Use
Hazards: Fire,Chronic,Acute
Petroleum Substance: Gas (Incl Alcohol)
NonPetroleum Substance: Not reported
Estimated Yr in Service: 1963
Date Removed: 1/15/1990
Last Permit Printed: Not reported
Current Permit Printed: Not reported
Material of Construction: Steel
Out of service Mo/Yr: 011990
QTY Remaining in Tank: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C-MART #9134 (Continued)

U000871480

Filled/Removed: Removed
Tank Empty: Not reported
Line Construction: Not reported
Marketer?: No
Standby?: No
Contact: Derby Refining Compa
Contact Title: Not reported
Owner ID: 03006
Owner Signed Date: 4/1/1986
Owner: COASTAL MART
Owner Type: Private Or Corp.
Owner/Rep Name: M D Tindall
Owner/Rep Title: Vice Pres Mktg
Owner Tel: 713-877-3830
Owner Address: 9 GREENWAY PLAZA NO. 2088
Owner City, State, Zip: HOUSTON, TX 77046
Owner County: HARRIS
Principal CERCLA Substance/Chem Abstract Service Num: 8006-61-9

Facility ID: 07215
Facility Signed Date: 4/1/1986
Facility Update Date: 4/1/1986
Facility Tel: 316-267-0361
Facility 911 Address: 5147 S TOPEKA
Facility 911 Zip: TOPEKA, KS 66609
Facility District: NE
Facility Location Method: GARMIN 3
Facility Lat/Long: 38.97343/-95.68800
Facility Feature: Facility Center
Facility Datum: WGS84
Phone 24 Hours: 316-267-0361
Tank ID: 002
Capacity (Gals): 4000
Tank Type: U
Tank Exempt: No

Tank Status: Permanently Out Of Use

Hazards: Fire,Chronic,Acute

Petroleum Substance: Gas (Incl Alcohol)
NonPetroleum Substance: Not reported
Estimated Yr in Service: 1963
Date Removed: 1/15/1990
Last Permit Printed: Not reported
Current Permit Printed: Not reported
Material of Construction: Steel
Out of service Mo/Yr: 011990
QTY Remaining in Tank: Not reported
Filled/Removed: Removed
Tank Empty: Not reported
Line Construction: Not reported
Marketer?: No
Standby?: No
Contact: Derby Refining Compa
Contact Title: Not reported
Owner ID: 03006
Owner Signed Date: 4/1/1986
Owner: COASTAL MART
Owner Type: Private Or Corp.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C-MART #9134 (Continued)

U000871480

Owner/Rep Name: M D Tindall
Owner/Rep Title: Vice Pres Mktg
Owner Tel: 713-877-3830
Owner Address: 9 GREENWAY PLAZA NO. 2088
Owner City, State, Zip: HOUSTON, TX 77046
Owner County: HARRIS
Principal CERCLA Substance/Chem Abstract Service Num: 8006-61-9

Facility ID: 07215
Facility Signed Date: 4/1/1986
Facility Update Date: 4/1/1986
Facility Tel: 316-267-0361
Facility 911 Address: 5147 S TOPEKA
Facility 911 Zip: TOPEKA, KS 66609
Facility District: NE
Facility Location Method: GARMIN 3
Facility Lat/Long: 38.97343/-95.68800
Facility Feature: Facility Center
Facility Datum: WGS84
Phone 24 Hours: 316-267-0361
Tank ID: 005
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: 1963
Date Removed: 1/15/1990
Last Permit Printed: Not reported
Current Permit Printed: Not reported
Material of Construction: Steel
Out of service Mo/Yr: 011990
QTY Remaining in Tank: Not reported
Filled/Removed: Removed
Tank Empty: Not reported
Line Construction: Not reported
Marketer?: No
Standby?: No
Contact: Derby Refining Compa
Contact Title: Not reported
Owner ID: 03006
Owner Signed Date: 4/1/1986
Owner: COASTAL MART
Owner Type: Private Or Corp.
Owner/Rep Name: M D Tindall
Owner/Rep Title: Vice Pres Mktg
Owner Tel: 713-877-3830
Owner Address: 9 GREENWAY PLAZA NO. 2088
Owner City, State, Zip: HOUSTON, TX 77046
Owner County: HARRIS
Principal CERCLA Substance/Chem Abstract Service Num: Not reported

Facility ID: 07215
Facility Signed Date: 4/1/1986
Facility Update Date: 4/1/1986

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C-MART #9134 (Continued)

U000871480

Facility Tel: 316-267-0361
Facility 911 Address: 5147 S TOPEKA
Facility 911 Zip: TOPEKA, KS 66609
Facility District: NE
Facility Location Method: GARMIN 3
Facility Lat/Long: 38.97343/-95.68800
Facility Feature: Facility Center
Facility Datum: WGS84
Phone 24 Hours: 316-267-0361
Tank ID: 001
Capacity (Gals): 12000
Tank Type: U
Tank Exempt: No
Tank Status: Permanently Out Of Use
Hazards: Fire,Chronic,Acute
Petroleum Substance: Gas (Incl Alcohol)
NonPetroleum Substance: Not reported
Estimated Yr in Service: 1979
Date Removed: 1/15/1990
Last Permit Printed: Not reported
Current Permit Printed: Not reported
Material of Construction: Steel
Out of service Mo/Yr: 011990
QTY Remaining in Tank: Not reported
Filled/Removed: Removed
Tank Empty: Not reported
Line Construction: Not reported
Marketer?: No
Standby?: No
Contact: Derby Refining Compa
Contact Title: Not reported
Owner ID: 03006
Owner Signed Date: 4/1/1986
Owner: COASTAL MART
Owner Type: Private Or Corp.
Owner/Rep Name: M D Tindall
Owner/Rep Title: Vice Pres Mktg
Owner Tel: 713-877-3830
Owner Address: 9 GREENWAY PLAZA NO. 2088
Owner City, State, Zip: HOUSTON, TX 77046
Owner County: HARRIS
Principal CERCLA Substance/Chem Abstract Service Num: 8006-61-9

3
East
1/4-1/2
0.488 mi.
2578 ft.

C-MART #9134
5147 SW TOPEKA BLVD
TOPEKA, KS 66609

FINDS 1007476190
110017526881

Relative:
Higher

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
1027 ft.

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A4
ESE
1/2-1
0.517 mi.
2730 ft.

HM OF TOPEKA, LLC
5305 S TOPEKA
TOPEKA, KS 66609

Site 1 of 2 in cluster A

UST **U000874276**
N/A

Relative:
Higher

UST:

Actual:
1021 ft.

Facility ID: 28979
Facility Signed Date: 6/26/2006
Facility Update Date: 6/26/2006
Facility Tel: 785-862-5100
Facility 911 Address: 5305 S TOPEKA
Facility 911 Zip: TOPEKA, KS 66609
Facility District: NE
Facility Location Method: Garmin GPS III Plus
Facility Lat/Long: 38.97144/-95.68824
Facility Feature: Facility Center
Facility Datum: WGS84
Phone 24 Hours: 785-862-5100
Tank ID: 001
Capacity (Gals): 10000
Tank Type: U
Tank Exempt: No
Tank Status: Current In Use
Hazards: Fire,Chronic,Acute
Petroleum Substance: Gas (Incl Alcohol)
NonPetroleum Substance: Not reported
Estimated Yr in Service: 1988
Date Removed: Not reported
Last Permit Printed: 8/2/2006
Current Permit Printed: Not reported
Material of Construction: Fbr Ref Plastic
Out of service Mo/Yr: Not reported
QTY Remaining in Tank: Not reported
Filled/Removed: Not reported
Tank Empty: Not reported
Line Construction: Fiberglass
Marketer?: Yes
Standby?: No
Contact: TERRY HUMMER
Contact Title: OWNER/MANAGER
Owner ID: 00635
Owner Signed Date: 6/26/2006
Owner: HM OF TOPEKA, LLC
Owner Type: Current,Private Or Corp.
Owner/Rep Name: YVONNE N. HUMMER
Owner/Rep Title: BOOKKEEPER
Owner Tel: 785-246-4200
Owner Address: 4700 NW HUNTERS RIDGE CIRCLE
Owner City, State, Zip: TOPEKA, KS 66618
Owner County: SHAWNEE
Principal CERCLA Substance/Chem Abstract Service Num: 8006-61-9

Facility ID: 28979
Facility Signed Date: 6/26/2006
Facility Update Date: 6/26/2006
Facility Tel: 785-862-5100
Facility 911 Address: 5305 S TOPEKA
Facility 911 Zip: TOPEKA, KS 66609

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HM OF TOPEKA, LLC (Continued)

U000874276

Facility District: NE
Facility Location Method: Garmin GPS III Plus
Facility Lat/Long: 38.97144/-95.68824
Facility Feature: Facility Center
Facility Datum: WGS84
Phone 24 Hours: 785-862-5100
Tank ID: 002
Capacity (Gals): 10000
Tank Type: U
Tank Exempt: No
Tank Status: Current In Use
Hazards: Fire, Chronic, Acute
Petroleum Substance: Gas (Incl Alcohol)
NonPetroleum Substance: Not reported
Estimated Yr in Service: 1988
Date Removed: Not reported
Last Permit Printed: 8/2/2006
Current Permit Printed: Not reported
Material of Construction: Fbr Ref Plastic
Out of service Mo/Yr: Not reported
QTY Remaining in Tank: Not reported
Filled/Removed: Not reported
Tank Empty: Not reported
Line Construction: Fiberglass
Marketer?: Yes
Standby?: No
Contact: TERRY HUMMER
Contact Title: OWNER/MANAGER
Owner ID: 00635
Owner Signed Date: 6/26/2006
Owner: HM OF TOPEKA, LLC
Owner Type: Current, Private Or Corp.
Owner/Rep Name: YVONNE N. HUMMER
Owner/Rep Title: BOOKKEEPER
Owner Tel: 785-246-4200
Owner Address: 4700 NW HUNTERS RIDGE CIRCLE
Owner City, State, Zip: TOPEKA, KS 66618
Owner County: SHAWNEE
Principal CERCLA Substance/Chem Abstract Service Num: 8006-61-9

Facility ID: 28979
Facility Signed Date: 6/26/2006
Facility Update Date: 6/26/2006
Facility Tel: 785-862-5100
Facility 911 Address: 5305 S TOPEKA
Facility 911 Zip: TOPEKA, KS 66609
Facility District: NE
Facility Location Method: Garmin GPS III Plus
Facility Lat/Long: 38.97144/-95.68824
Facility Feature: Facility Center
Facility Datum: WGS84
Phone 24 Hours: 785-862-5100
Tank ID: 003
Capacity (Gals): 10000
Tank Type: U
Tank Exempt: No
Tank Status: Current In Use

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HM OF TOPEKA, LLC (Continued)

U000874276

Hazards: **Fire,Chronic,Acute**
Petroleum Substance: Gas (Incl Alcohol)
NonPetroleum Substance: Not reported
Estimated Yr in Service: 1988
Date Removed: Not reported
Last Permit Printed: 8/2/2006
Current Permit Printed: Not reported
Material of Construction: Fbr Ref Plastic
Out of service Mo/Yr: Not reported
QTY Remaining in Tank: Not reported
Filled/Removed: Not reported
Tank Empty: Not reported
Line Construction: Fiberglass
Marketer?: Yes
Standby?: No
Contact: TERRY HUMMER
Contact Title: OWNER/MANAGER
Owner ID: 00635
Owner Signed Date: 6/26/2006
Owner: HM OF TOPEKA, LLC
Owner Type: Current,Private Or Corp.
Owner/Rep Name: YVONNE N. HUMMER
Owner/Rep Title: BOOKKEEPER
Owner Tel: 785-246-4200
Owner Address: 4700 NW HUNTERS RIDGE CIRCLE
Owner City, State, Zip: TOPEKA, KS 66618
Owner County: SHAWNEE
Principal CERCLA Substance/Chem Abstract Service Num: 8006-61-9

A5
ESE
1/2-1
0.518 mi.
2735 ft.

METZ BAKING
5225 S TOPEKA
TOPEKA, KS 66617
Site 2 of 2 in cluster A

LUST **U003877411**
UST **N/A**

Relative:
Higher

LUST:
Project Number: U4-089-01104
Project Name: Metz Baking
Legal Desc Section: 25
Legal Desc Township: 12S
Legal Desc Range: 15E
Site Status: **Closed**
Facility ID: 27657
Initial Report Date: 10/7/1991
Release Date: Not reported

Actual:
1019 ft.

UST:
Facility ID: 27657
Facility Signed Date: 5/12/1986
Facility Update Date: 5/12/1986
Facility Tel: 785-862-0003
Facility 911 Address: 5225 S TOPEKA
Facility 911 Zip: TOPEKA, KS 66609
Facility District: NE
Facility Location Method: GARMIN 3
Facility Lat/Long: 38.97220/-95.68825
Facility Feature: Facility Center

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

METZ BAKING (Continued)

U003877411

Facility Datum: WGS84
Phone 24 Hours: 785-862-0003
Tank ID: 001
Capacity (Gals): 1000
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: 1986
Date Removed: 10/15/1991
Last Permit Printed: Not reported
Current Permit Printed: Not reported
Material of Construction: Fbr Ref Plastic
Out of service Mo/Yr: 101991
QTY Remaining in Tank: 0
Filled/Removed: Removed
Tank Empty: Not reported
Line Construction: Not reported
Marketer?: No
Standby?: No
Contact: Jack Wallace
Contact Title: Manager
Owner ID: 27657
Owner Signed Date: 5/12/1986
Owner: METZ BAKING
Owner Type: Private Or Corp.
Owner/Rep Name: Donald Gottschalk
Owner/Rep Title: Controller
Owner Tel: 816-842-8740
Owner Address: 2401 BURLINGTON
Owner City, State, Zip: NORTH KANSAS CITY, MO 64116
Owner County: Not reported
Principal CERCLA Substance/Chem Abstract Service Num: Not reported

6
ENE
1/2-1
0.558 mi.
2948 ft.

DAVIS SPORT CYCLES INC
4806 S TOPEKA
TOPEKA, KS 66611

LUST **U000197014**
UST **N/A**

Relative:
Higher

LUST:
Project Number: U4-089-10466
Project Name: Davis Sport Cycles
Legal Desc Section: 30
Legal Desc Township: 12S
Legal Desc Range: 16E
Site Status: Closed
Facility ID: 13461
Initial Report Date: 7/17/1995
Release Date: Not reported

Actual:
1021 ft.

UST:
Facility ID: 13461
Facility Signed Date: 2/5/1986
Facility Update Date: 2/5/1986

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DAVIS SPORT CYCLES INC (Continued)

U000197014

Facility Tel: 785-862-1053
Facility 911 Address: 4806 S TOPEKA
Facility 911 Zip: TOPEKA, KS 66609
Facility District: NE
Facility Location Method: Garmin GPS III Plus
Facility Lat/Long: 38.98050/-95.68732
Facility Feature: Facility Center
Facility Datum: WGS84
Phone 24 Hours: 785-862-1053
Tank ID: 001
Capacity (Gals): 1000
Tank Type: U
Tank Exempt: No
Tank Status: Permanently Out Of Use
Hazards: Fire, Chronic, Acute
Petroleum Substance: Gas (Incl Alcohol)
NonPetroleum Substance: Not reported
Estimated Yr in Service: 1981
Date Removed: 6/15/1995
Last Permit Printed: Not reported
Current Permit Printed: Not reported
Material of Construction: Steel
Out of service Mo/Yr: 061995
QTY Remaining in Tank: 0
Filled/Removed: Removed
Tank Empty: Not reported
Line Construction: Not reported
Marketer?: Not reported
Standby?: Not reported
Contact: Richard V Davis
Contact Title: President
Owner ID: 13461
Owner Signed Date: 2/5/1986
Owner: DAVIS SPORT CYCLES INC.
Owner Type: Current
Owner/Rep Name: Ronald H Davis
Owner/Rep Title: V Pres
Owner Tel: 785-862-1053
Owner Address: 4806 TOPEKA
Owner City, State, Zip: TOPEKA, KS 66611
Owner County: Not reported
Principal CERCLA Substance/Chem Abstract Service Num: 8006-61-9

B7
ESE
1/2-1
0.560 mi.
2955 ft.

NOLLER AUTO SALVAGE
5301 SOUTH TOPEKA BOULEVARD
TOPEKA, KS 66619

FINDS **1004502769**
RCRA-CESQG **KSD981722101**

Site 1 of 2 in cluster B

Relative: **FINDS:**
Higher Other Pertinent Environmental Activity Identified at Site

Actual:
1018 ft.

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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NOLLER AUTO SALVAGE (Continued)

1004502769

RCRA-CESQG:

Date form received by agency: 02/19/1988
Facility name: NOLLER AUTO SALVAGE
Facility address: 5301 S TOPEKA BLVD
TOPEKA, KS 66619
EPA ID: KSD981722101
Mailing address: PO BOX 977
TOPEKA, KS 66619
Contact: TERRY DAUGHERTY
Contact address: PO BOX 977
TOPEKA, KS 66619
Contact country: US
Contact telephone: (785) 862-0067
Contact email: Not reported
EPA Region: 07
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: BARRY NOLLER
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NOLLER AUTO SALVAGE (Continued)

1004502769

Used oil transfer facility: No
Used oil transporter: No
Off-site waste receiver: Commercial status unknown

Hazardous Waste Summary:

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

Violation Status: No violations found

B8
ESE
1/2-1
0.572 mi.
3022 ft.
Site 2 of 2 in cluster B

TOPEKA TOUR & TRAIL
5319 S TOPEKA BLVD
TOPEKA, KS 66609

FINDS **1004702220**
RCRA-CESQG **KSD051534832**

Relative:
Higher

FINDS:
Other Pertinent Environmental Activity Identified at Site

Actual:
1017 ft.

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.

RCRA-CESQG:

Date form received by agency: 10/06/1986
Facility name: TOPEKA TOUR & TRAIL
Facility address: 5319 S TOPEKA BLVD
TOPEKA, KS 66609
EPA ID: KSD051534832
Mailing address: S TOPEKA BLVD
TOPEKA, KS 66609
Contact: DEBBIE FILLMORE
Contact address: 5319 S TOPEKA BLVD
TOPEKA, KS 66609
Contact country: US
Contact telephone: (785) 862-9000
Contact email: Not reported
EPA Region: 07
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOPEKA TOUR & TRAIL (Continued)

1004702220

hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: A & F, INC.
Owner/operator address: 5319 SOUTH TOPEKA AVE
TOPEKA, KS 66609
Owner/operator country: Not reported
Owner/operator telephone: (785) 862-9000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Hazardous Waste Summary:

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

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

9
ENE
1/2-1
0.588 mi.
3105 ft.

AMERICAN LAWN AND LEISURE
4830 S TOPEKA
TOPEKA, KS 66602

LUST **S101835616**
N/A

Relative:
Higher

LUST:

Project Number: U4-089-00372
Project Name: American Lawn & Leisure
Legal Desc Section: 30
Legal Desc Township: 12S
Legal Desc Range: 16E
Site Status: Closed
Facility ID: 80228
Initial Report Date: 11/16/1989
Release Date: Not reported

Actual:
1025 ft.

10
NE
1/2-1
0.606 mi.
3198 ft.

TOPEKA LAWN & TRACTOR INC.
4826 S. TOPEKA
TOPEKA, KS 66609

UST **U000873926**
N/A

Relative:
Higher

UST:

Facility ID: 28144
Facility Signed Date: 11/20/1987
Facility Update Date: 11/20/1987
Facility Tel: 785-862-0133
Facility 911 Address: 4826 S. TOPEKA
Facility 911 Zip: TOPEKA, KS 66609
Facility District: NE
Facility Location Method: GARMIN 3 PLUS
Facility Lat/Long: 38.98013/-95.68703
Facility Feature: Facility Center
Facility Datum: WGS84
Phone 24 Hours: 785-862-0133
Tank ID: 001
Capacity (Gals): 1060
Tank Type: U
Tank Exempt: No
Tank Status: Permanently Out Of Use
Hazards: Fire,Chronic,Acute
Petroleum Substance: Gas (Incl Alcohol)
NonPetroleum Substance: Not reported
Estimated Yr in Service: 1986
Date Removed: 11/15/1989
Last Permit Printed: Not reported
Current Permit Printed: Not reported
Material of Construction: Steel
Out of service Mo/Yr: 11/1989
QTY Remaining in Tank: Not reported
Filled/Removed: Removed
Tank Empty: Not reported
Line Construction: Not reported
Marketer?: No
Standby?: No
Contact: Glenn Owens Leasing
Contact Title: Not reported
Owner ID: 28144
Owner Signed Date: 11/20/1987

Actual:
1019 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOPEKA LAWN & TRACTOR INC. (Continued)

U000873926

Owner: GLENN OWENS LEASING, INC.
Owner Type: Current
Owner/Rep Name: Joy Owens
Owner/Rep Title: Sec'y Treas
Owner Tel: 785-862-0133
Owner Address: 4826 S. TOPEKA
Owner City, State, Zip: SHAWNEE, KS 66609
Owner County: Not reported
Principal CERCLA Substance/Chem Abstract Service Num: 8006-61-9

Facility ID: 28144
Facility Signed Date: 11/20/1987
Facility Update Date: 11/20/1987
Facility Tel: 785-862-0133
Facility 911 Address: 4826 S. TOPEKA
Facility 911 Zip: TOPEKA, KS 66609
Facility District: NE
Facility Location Method: GARMIN 3 PLUS
Facility Lat/Long: 38.98013/-95.68703
Facility Feature: Facility Center
Facility Datum: WGS84
Phone 24 Hours: 785-862-0133
Tank ID: 002
Capacity (Gals): 1060
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: 1986
Date Removed: 11/15/1989
Last Permit Printed: Not reported
Current Permit Printed: Not reported
Material of Construction: Steel
Out of service Mo/Yr: 11/1989
QTY Remaining in Tank: Not reported
Filled/Removed: Removed
Tank Empty: Not reported
Line Construction: Not reported
Marketer?: No
Standby?: No
Contact: Glenn Owens Leasing
Contact Title: Not reported
Owner ID: 28144
Owner Signed Date: 11/20/1987
Owner: GLENN OWENS LEASING, INC.
Owner Type: Current
Owner/Rep Name: Joy Owens
Owner/Rep Title: Sec'y Treas
Owner Tel: 785-862-0133
Owner Address: 4826 S. TOPEKA
Owner City, State, Zip: SHAWNEE, KS 66609
Owner County: Not reported
Principal CERCLA Substance/Chem Abstract Service Num: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

11
SE
1/2-1
0.632 mi.
3335 ft.

MID-AMERICA IMPORT SALVAGE, IN
5725 S. TOPEKA
TOPEKA, KS 66619

UST **U002234287**
N/A

Relative:
Lower

UST:

Actual:
1001 ft.

Facility ID: 29469
Facility Signed Date: 8/19/1991
Facility Update Date: 8/19/1991
Facility Tel: 785-862-2185
Facility 911 Address: 5725 S TOPEKA BLVD
Facility 911 Zip: TOPEKA, KS 66619
Facility District: NE
Facility Location Method: GPS III+
Facility Lat/Long: 38.96346/-95.68792
Facility Feature: Facility Center
Facility Datum: WGS84
Phone 24 Hours: 785-862-2185
Tank ID: 001
Capacity (Gals): 1000
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: 1983
Date Removed: 3/15/1993
Last Permit Printed: Not reported
Current Permit Printed: Not reported
Material of Construction: Steel
Out of service Mo/Yr: 031993
QTY Remaining in Tank: 0
Filled/Removed: Removed
Tank Empty: Not reported
Line Construction: Not reported
Marketer?: Not reported
Standby?: Not reported
Contact: Steven H. Jones
Contact Title: President
Owner ID: 29469
Owner Signed Date: 8/19/1991
Owner: MID-AMERICA IMPORT SALVAGE, IN
Owner Type: Private Or Corp.
Owner/Rep Name: Steven H. Jones
Owner/Rep Title: President
Owner Tel: 785-862-2185
Owner Address: 5725 S. TOPEKA BLVD.
Owner City, State, Zip: TOPEKA, KS 66619
Owner County: SHAWNEE
Principal CERCLA Substance/Chem Abstract Service Num: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

12
NE
1/2-1
0.661 mi.
3491 ft.

COASTAL MART (DERBY)
5147 S TOPEKA
TOPEKA, KS

LUST **S101835631**
N/A

Relative:
Higher

LUST:

Project Number: U4-089-00419
Project Name: Coastal Mart
Legal Desc Section: 25
Legal Desc Township: 12S
Legal Desc Range: 15E
Site Status: Closed
Facility ID: 07215
Initial Report Date: 1/20/1990
Release Date: Not reported

Actual:
1021 ft.

13
NNE
1/2-1
0.747 mi.
3945 ft.

FRITO LAY INC TOPEKA FAC
4236 SW KIRKLAND
TOPEKA, KS 66609

RCRA-SQG **1000415401**
FINDS **66609FRTL42**
TRIS

Relative:
Lower

RCRA-SQG:

Date form received by agency: 03/15/2007
Facility name: FRITO LAY INC TOPEKA FAC
Facility address: 4236 SW KIRKLAWN
TOPEKA, KS 66609
EPA ID: KSD007140726
Mailing address: SW KIRKLAWN
TOPEKA, KS 66609
Contact: JAMES ROBINSON
Contact address: SW KIRKLAWN
TOPEKA, KS 66609
Contact country: US
Contact telephone: (785) 267-2600
Telephone ext.: 554
Contact email: Not reported
EPA Region: 07
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Actual:
994 ft.

Owner/Operator Summary:

Owner/operator name: FRITO-LAY, INC.
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/21/2005
Owner/Op end date: Not reported

Owner/operator name: FRITO-LAY, INC.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRITO LAY INC TOPEKA FAC (Continued)

1000415401

Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/21/2005
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/20/2006
Facility name: FRITO LAY INC TOPEKA FAC
Classification: Small Quantity Generator

Date form received by agency: 07/25/2005
Facility name: FRITO LAY INC TOPEKA FAC
Classification: Small Quantity Generator

Date form received by agency: 09/18/2003
Facility name: FRITO LAY INC TOPEKA FAC
Classification: Not a generator, verified

Date form received by agency: 10/03/1985
Facility name: FRITO LAY INC TOPEKA FAC
Classification: Small Quantity Generator

Hazardous Waste Summary:

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

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRITO LAY INC TOPEKA FAC (Continued)

1000415401

Evaluation Action Summary:

Evaluation date: 01/28/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

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). AFS 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.

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.

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.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FRITO LAY INC TOPEKA FAC (Continued)

1000415401

that support Compliance and Enforcement programs. These include;
Incident Tracking, Compliance Assistance, and Compliance Monitoring.

14
NE
1/2-1
0.756 mi.
3992 ft.

HT PAUL CO.
4726 S TOPEKA
TOPEKA, KS

LUST **S102688817**
N/A

Relative:
Lower

LUST:

Project Number: U4-089-01470
Project Name: Ht Paul Co
Legal Desc Section: 30
Legal Desc Township: 12S
Legal Desc Range: 16E
Site Status: Closed
Facility ID: 15894
Initial Report Date: 7/14/1993
Release Date: Not reported

Actual:
1010 ft.

15
SSE
1/2-1
0.928 mi.
4899 ft.

PAULINE FARMERS COOP
417 W 57TH ST
TOPEKA, KS 66619

LUST **S101835921**
LAST **N/A**

Relative:
Higher

LUST:

Project Number: U4-089-10005
Project Name: Pauline Farmers Coop
Legal Desc Section: 36
Legal Desc Township: 12S
Legal Desc Range: 15E
Site Status: Monitor
Facility ID: 03136
Initial Report Date: 11/28/1994
Release Date: Not reported

Actual:
1018 ft.

LAST:

Facility ID: 03136
Project Number: A4-089-40168
Project Name: Pauline Farmers Coop
Site Extention: Not reported
Legal Desc Section: 36
Legal Desc Township: 12S
Legal Desc Range: 15E
Facility Status: Closed
Initial Report Date: 2/3/1998
Release Date: Not reported
Substrels: diesel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

16
NW
1/2-1
0.941 mi.
4968 ft.

BLACK & GOLD
4502 SW BURLINGAME
TOPEKA, KS

LUST **S101835795**
N/A

Relative:
Lower

LUST:

Project Number: U4-089-01069
Project Name: Black & Gold
Legal Desc Section: 24
Legal Desc Township: 12S
Legal Desc Range: 15E
Site Status: **Closed**
Facility ID: 80232
Initial Report Date: 9/11/1991
Release Date: Not reported

Actual:
946 ft.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
TOPEKA	S106205663		21ST AND OAKLEY		CDL
TOPEKA	1007470321	FAA, TOPEKA RTR	SE 53RD ST AT SE CALIFORNIA AV	66609	FINDS
TOPEKA	S108979921	BETTIS ASPHALT & CONSTRUCTION, INC	8126 / 8424 SW TOPEKA BLVD.	66619	SWF/LF
TOPEKA	S105434884	IRWIG, J E, TOPEKA	5109 W 87TH ST		LUST
TOPEKA	1007478658	IRWIG, J E, TOPEKA	5109 W 87TH ST		FINDS
TOPEKA	S106206299		700 BLOCK NE ARTER		CDL
TOPEKA	S106517526	TINKER WAREHOUSE ANNEX (FORMER)	FORBES INDUSTRIAL PARK		SHWS
TOPEKA	S106518900	ROLLING MEADOWS	7351 NW HWY 75		SWF/LF
TOPEKA	S106517588	FORBES AFB - RADIO RANGE TANK T177	JUNCTION OF SE 77TH ST. AND SE		SHWS
TOPEKA	S106206244		SHADDEN RD NORTH OF HWY 40		CDL
TOPEKA	2007706677	6700 SW TOPEKA BLVD BLDG 820	6700 SW TOPEKA BLVD BLDG 820		HMIRS
TOPEKA	S108048101	JIM'S TRAILER SALES	5331 S. TOPEKA BLVD.		LUST
TOPEKA	S106782187	TOMMY MCGEENEY MOTORS	3740 S TOPEKA BLVD		LUST
TOPEKA	S106407202	TOPEKA WASTE SYSTEMS	7401 NW U.S. HWY 75		SWF/LF
TOPEKA	1007481851	ESSEX GROUP, INC.	UNIVERSITY BLVD. & E STREET	66619	SHWS, FINDS, VCP
TOPEKA (PAULINE)	S106891163	PAULINE FARM STORE (FORMER FCA)	416 SW 57TH ST (ALSO 418 / 420	66619	SHWS
SHAWNEE COUNTY	S103836071	CITY OF TOPEKA/PARK DEPT	600 NW WINTER		SWF/LF
TOPEKA	1007477058	TOPEKA TERMINAL LLC	E. 10TH & SANTA FE TRACKS		FINDS
TOPEKA	S106402418		2020 SE 10TH		CDL
TOPEKA	1009622785	2020 SE 10TH	2020 SE 10TH		US CDL

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: 01/31/2008	Source: EPA
Date Data Arrived at EDR: 02/08/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/28/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 04/28/2008
	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: 01/31/2008	Source: EPA
Date Data Arrived at EDR: 02/04/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/28/2008
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/28/2008
	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: 01/31/2008	Source: EPA
Date Data Arrived at EDR: 02/08/2008	Telephone: N/A
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/28/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 04/28/2008
	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
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 02/19/2008
Next Scheduled EDR Contact: 05/19/2008
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: 01/09/2008
Date Data Arrived at EDR: 02/05/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 15

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 03/20/2008
Next Scheduled EDR Contact: 06/16/2008
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: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 76

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/08/2008
Date Data Arrived at EDR: 03/07/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/12/2007
Date Data Arrived at EDR: 12/18/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 64

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/03/2008
Next Scheduled EDR Contact: 06/02/2008
Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Transporters, Storage and Disposal

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/11/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 03/06/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/18/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2008	Telephone: 703-603-8905
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 46	Next Scheduled EDR Contact: 06/30/2008
	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: 01/18/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2008	Telephone: 703-603-8905
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 46	Next Scheduled EDR Contact: 06/30/2008
	Data Release Frequency: Varies

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: 12/31/2007	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/23/2008	Telephone: 202-267-2180
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/23/2008
Number of Days to Update: 54	Next Scheduled EDR Contact: 04/21/2008
	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: 10/31/2007	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/17/2008	Telephone: 202-366-4555
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 01/17/2008
Number of Days to Update: 60	Next Scheduled EDR Contact: 04/14/2008
	Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

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

Date of Government Version: 02/14/2008	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 02/27/2008	Telephone: 202-366-4595
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/27/2008
Number of Days to Update: 22	Next Scheduled EDR Contact: 05/26/2008
	Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/28/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Quarterly

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: 01/03/2008
Date Data Arrived at EDR: 01/17/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 01/17/2008
Next Scheduled EDR Contact: 03/10/2008
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 02/08/2008
Next Scheduled EDR Contact: 05/05/2008
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: 12/31/2006
Date Data Arrived at EDR: 08/31/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 41

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 03/10/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/21/2008
Next Scheduled EDR Contact: 04/21/2008
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: 01/14/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/02/2008
Next Scheduled EDR Contact: 03/31/2008
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
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
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 12/28/2007
Date Data Arrived at EDR: 12/28/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 27

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 11/20/2007
Date Data Arrived at EDR: 01/03/2008
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 48

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/26/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/27/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 69

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/29/2008
Next Scheduled EDR Contact: 06/16/2008
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
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/14/2008
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: 01/15/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
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: 01/15/2008
Date Data Arrived at EDR: 01/22/2008
Date Made Active in Reports: 01/30/2008
Number of Days to Update: 8

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/13/2007
Date Made Active in Reports: 04/27/2007
Number of Days to Update: 45

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/28/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/27/2007
Date Data Arrived at EDR: 08/13/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 02/07/2008
Next Scheduled EDR Contact: 04/14/2008
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 12/04/2007
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 02/07/2008
Next Scheduled EDR Contact: 05/05/2008
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: 01/15/2008
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/31/2008
Next Scheduled EDR Contact: 06/30/2008
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 01/29/2008
Date Data Arrived at EDR: 01/31/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/31/2008
Next Scheduled EDR Contact: 04/28/2008
Data Release Frequency: Quarterly

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: 01/04/2008	Source: EPA
Date Data Arrived at EDR: 01/10/2008	Telephone: (913) 551-7003
Date Made Active in Reports: 02/20/2008	Last EDR Contact: 03/31/2008
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/30/2008
	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: 03/03/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 06/02/2008
	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: 03/13/2008
Number of Days to Update: 38	Next Scheduled EDR Contact: 06/09/2008
	Data Release Frequency: Biennially

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: 02/26/2008	Source: Department of Health and Environment
Date Data Arrived at EDR: 02/26/2008	Telephone: 785-296-1660
Date Made Active in Reports: 02/29/2008	Last EDR Contact: 02/05/2008
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/05/2008
	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: 03/13/2008	Source: Department of Health and Environment
Date Data Arrived at EDR: 03/14/2008	Telephone: 785-296-1590
Date Made Active in Reports: 03/31/2008	Last EDR Contact: 03/03/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 05/12/2008
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/31/2008
Date Data Arrived at EDR: 02/01/2008
Date Made Active in Reports: 02/29/2008
Number of Days to Update: 28

Source: Department of Health and Environment
Telephone: 785-296-1685
Last EDR Contact: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
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
Date Data Arrived at EDR: 04/25/2002
Date Made Active in Reports: 06/28/2002
Number of Days to Update: 64

Source: Department of Environmental Health
Telephone: 315-268-8351
Last EDR Contact: 03/13/2007
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: 01/31/2008
Date Data Arrived at EDR: 02/01/2008
Date Made Active in Reports: 02/29/2008
Number of Days to Update: 28

Source: Department of Health and Environment
Telephone: 785-296-1685
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tanks

Leaking aboveground storage tank site locations.

Date of Government Version: 01/31/2008
Date Data Arrived at EDR: 02/01/2008
Date Made Active in Reports: 02/29/2008
Number of Days to Update: 28

Source: Department of Health & Environment
Telephone: 785-296-1685
Last EDR Contact: 12/26/2007
Next Scheduled EDR Contact: 03/24/2008
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Data

Registered Aboveground Storage Tanks.

Date of Government Version: 01/31/2008
Date Data Arrived at EDR: 02/01/2008
Date Made Active in Reports: 02/29/2008
Number of Days to Update: 28

Source: Department of Health and Environment
Telephone: 785-296-1685
Last EDR Contact: 03/24/2008
Next Scheduled EDR Contact: 06/23/2008
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: 03/04/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/31/2008
Number of Days to Update: 17

Source: Department of Health and Environment
Telephone: 785-296-1660
Last EDR Contact: 02/04/2008
Next Scheduled EDR Contact: 05/05/2008
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INST CONTROL: Institutional Controls Information

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

Date of Government Version: 11/26/2007	Source: Department of Health & Environment
Date Data Arrived at EDR: 11/28/2007	Telephone: 785-296-8049
Date Made Active in Reports: 12/17/2007	Last EDR Contact: 02/05/2008
Number of Days to Update: 19	Next Scheduled EDR Contact: 05/05/2008
	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: 02/26/2008	Source: Department of Health & Environment
Date Data Arrived at EDR: 02/26/2008	Telephone: 785-296-8049
Date Made Active in Reports: 02/29/2008	Last EDR Contact: 02/05/2008
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/05/2008
	Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaning Facilities

A listing of registered drycleaners.

Date of Government Version: 03/24/2008	Source: Department of Health & Environment
Date Data Arrived at EDR: 03/25/2008	Telephone: 785-291-3250
Date Made Active in Reports: 03/31/2008	Last EDR Contact: 03/24/2008
Number of Days to Update: 6	Next Scheduled EDR Contact: 06/23/2008
	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: 02/26/2008	Source: Department of Health & Environment
Date Data Arrived at EDR: 02/26/2008	Telephone: 785-296-8049
Date Made Active in Reports: 02/29/2008	Last EDR Contact: 02/05/2008
Number of Days to Update: 3	Next Scheduled EDR Contact: 05/05/2008
	Data Release Frequency: Quarterly

CDL: Clandestine Laboratory Data

Clandestine meth lab location

Date of Government Version: 01/11/2008	Source: Department of Health and Environment
Date Data Arrived at EDR: 01/15/2008	Telephone: 785-368-7301
Date Made Active in Reports: 01/21/2008	Last EDR Contact: 03/10/2008
Number of Days to Update: 6	Next Scheduled EDR Contact: 06/09/2008
	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	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 02/08/2008
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/05/2008
	Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 02/25/2008
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/26/2008
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 02/21/2008	Source: EPA Region 10
Date Data Arrived at EDR: 02/26/2008	Telephone: 206-553-2857
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 23	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Quarterly

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

Date of Government Version: 02/25/2008	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/26/2008	Telephone: 415-972-3372
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 20	Next Scheduled EDR Contact: 05/19/2008
	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: 02/20/2008	Source: EPA Region 8
Date Data Arrived at EDR: 03/04/2008	Telephone: 303-312-6271
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 13	Next Scheduled EDR Contact: 05/19/2008
	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	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: 02/15/2008
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/19/2008
	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: 02/28/2008	Source: EPA Region 6
Date Data Arrived at EDR: 02/29/2008	Telephone: 214-665-6597
Date Made Active in Reports: 03/17/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 17	Next Scheduled EDR Contact: 05/19/2008
	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: 09/05/2007	Source: EPA Region 4
Date Data Arrived at EDR: 10/02/2007	Telephone: 404-562-8677
Date Made Active in Reports: 10/11/2007	Last EDR Contact: 02/15/2008
Number of Days to Update: 9	Next Scheduled EDR Contact: 05/19/2008
	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: 03/12/2008	Source: EPA Region 1
Date Data Arrived at EDR: 03/14/2008	Telephone: 617-918-1313
Date Made Active in Reports: 03/20/2008	Last EDR Contact: 02/15/2008
Number of Days to Update: 6	Next Scheduled EDR Contact: 05/19/2008
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R6: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 02/28/2008
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 17

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 02/21/2008
Date Data Arrived at EDR: 02/26/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 23

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 02/25/2008
Date Data Arrived at EDR: 02/26/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 23

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

No description is available for this data

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: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 02/20/2008
Date Data Arrived at EDR: 03/04/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 13

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 12/21/2007
Date Data Arrived at EDR: 12/21/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 34

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 12/21/2007
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

No description is available for this data

Date of Government Version: 09/05/2007
Date Data Arrived at EDR: 10/02/2007
Date Made Active in Reports: 10/11/2007
Number of Days to Update: 9

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 02/15/2008
Next Scheduled EDR Contact: 05/19/2008
Data Release Frequency: Semi-Annually

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

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

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 03/14/2008
Next Scheduled EDR Contact: 06/09/2008
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 11/26/2007
Date Data Arrived at EDR: 11/29/2007
Date Made Active in Reports: 02/05/2008
Number of Days to Update: 68

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 02/28/2008
Next Scheduled EDR Contact: 05/26/2008
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 10/01/2007
Date Data Arrived at EDR: 11/09/2007
Date Made Active in Reports: 01/15/2008
Number of Days to Update: 67

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 03/17/2008
Next Scheduled EDR Contact: 06/16/2008
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/07/2008

Next Scheduled EDR Contact: 04/07/2008

Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: PennWell Corporation

Telephone: (800) 823-6277

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

GO TOPEKA ESA
US HWY 75 & SW 49TH STREET
TOPEKA, KS 66609

TARGET PROPERTY COORDINATES

Latitude (North):	38.97559 - 38° 58' 32.1"
Longitude (West):	95.69683 - 95° 41' 48.6"
Universal Transverse Mercator:	Zone 15
UTM X (Meters):	266372.4
UTM Y (Meters):	4317319.5
Elevation:	1011 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38095-H6 WAKARUSA, KS
Most Recent Revision:	1983

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).

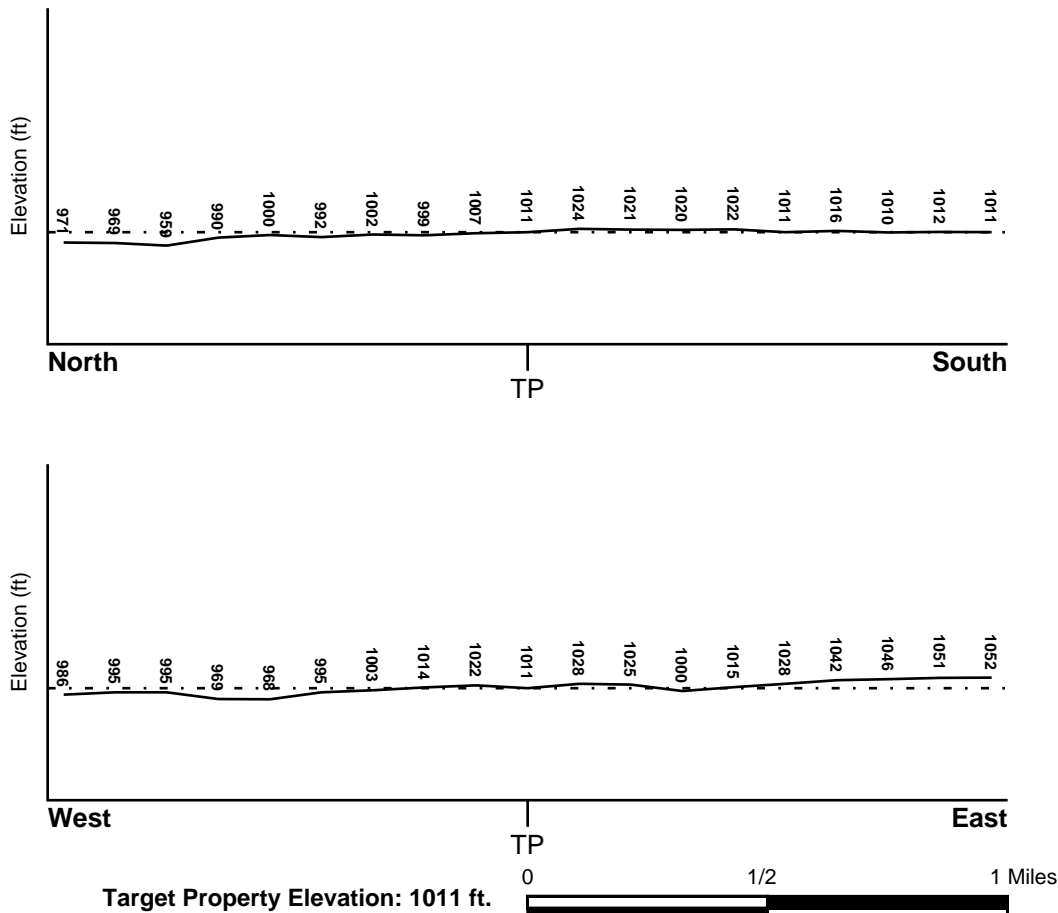
TOPOGRAPHIC INFORMATION

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 NNW

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> SHAWNEE, KS	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	2003310125C
Additional Panels in search area:	2005180011C 2005180015C

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> WAKARUSA	<u>NWI Electronic Data Coverage</u> YES - refer to the Overview Map and Detail Map
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HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

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

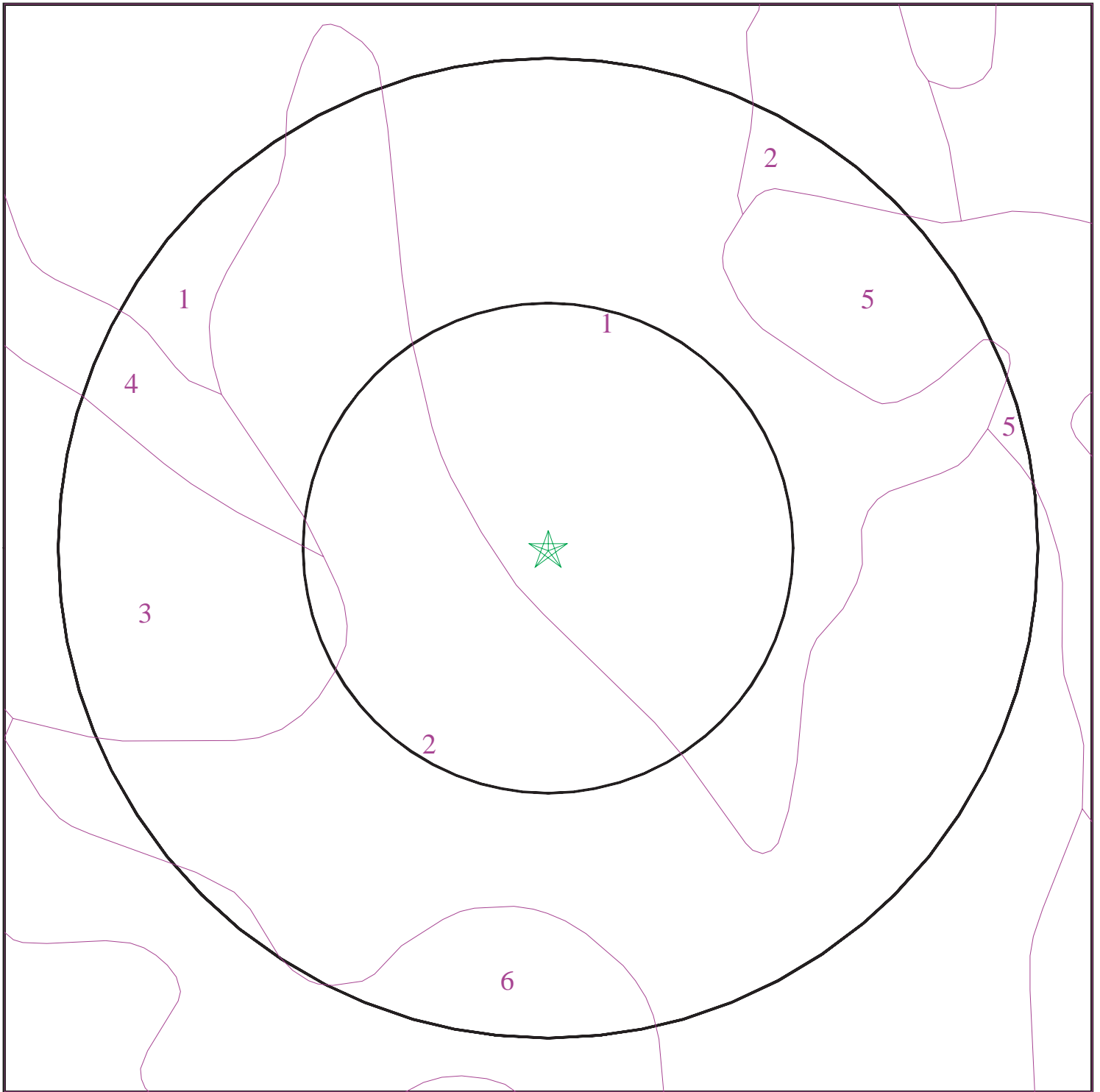
Era:	Paleozoic
System:	Pennsylvanian
Series:	Virgilian Series
Code:	PP4 (<i>decoded above as Era, System & Series</i>)

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 - 2182429.1s



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles



SITE NAME: Go Topeka ESA
ADDRESS: US Hwy 75 & SW 49th Street
Topeka KS 66609
LAT/LONG: 38.9756 / 95.6968

CLIENT: Terracon, Inc.
CONTACT: Dane Bailey
INQUIRY #: 2182429.1s
DATE: April 01, 2008 10:49 am

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: Pawnee

Soil Surface Texture: clay 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 36 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	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: 1.411 Min: 0.4233	Max: 8.4 Min: 7.4
2	7 inches	11 inches	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: 1.411 Min: 0.4233	Max: 8.4 Min: 7.4
3	11 inches	33 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.411 Min: 0.4233	Max: 8.4 Min: 7.4
4	33 inches	53 inches	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: 1.411 Min: 0.4233	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
5	53 inches	72 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.411 Min: 0.4233	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: Ladysmith

Soil Surface Texture: silty clay 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: Somewhat poorly drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4.233 Min: 0.01	Max: 8.4 Min: 7.4
2	9 inches	31 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4.233 Min: 0.01	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	31 inches	48 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4.233 Min: 0.01	Max: 8.4 Min: 7.4
4	48 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 4.233 Min: 0.01	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: Pawnee

Soil Surface Texture: clay 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 36 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.411 Min: 0.4233	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	7 inches	33 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.411 Min: 0.4233	Max: 8.4 Min: 7.4
3	33 inches	53 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.411 Min: 0.4233	Max: 8.4 Min: 7.4
4	53 inches	72 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.411 Min: 0.4233	Max: 8.4 Min: 7.4

Soil Map ID: 4

Soil Component Name: Morrill

Soil Surface Texture: clay loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	9 inches	16 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 7.3 Min: 5.1
2	16 inches	55 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 7.3 Min: 5.1
3	55 inches	66 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 7.3 Min: 5.1
4	0 inches	9 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 7.3 Min: 5.1

Soil Map ID: 5

Soil Component Name: Morrill

Soil Surface Texture: gravelly loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.233 Min: 1.411	Max: 7.3 Min: 5.1
2	9 inches	14 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.233 Min: 1.411	Max: 7.3 Min: 5.1
3	42 inches	59 inches	gravelly sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.233 Min: 1.411	Max: 7.3 Min: 5.1
4	14 inches	42 inches	gravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.233 Min: 1.411	Max: 7.3 Min: 5.1

Soil Map ID: 6

Soil Component Name: Martin

Soil Surface Texture: silty clay 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

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.411 Min: 0.4233	Max: 7.8 Min: 5.6
2	11 inches	16 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.411 Min: 0.4233	Max: 7.8 Min: 5.6
3	16 inches	29 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: 1.411 Min: 0.4233	Max: 7.8 Min: 5.6
4	29 inches	72 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: 1.411 Min: 0.4233	Max: 7.8 Min: 5.6

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>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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

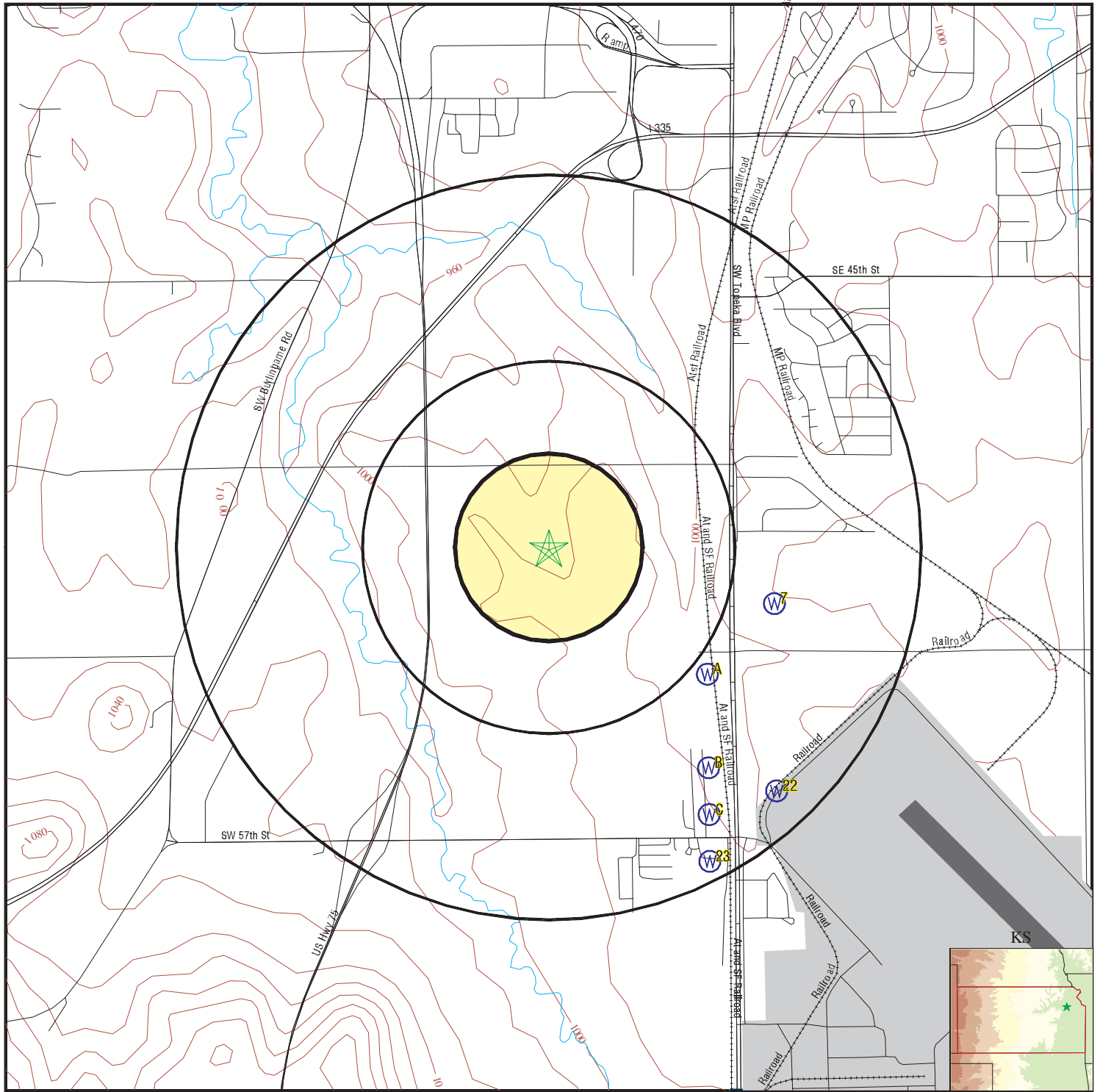
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	KS3000000150959	1/2 - 1 Mile SE
A2	KS3000000150958	1/2 - 1 Mile SE
A3	KS3000000150957	1/2 - 1 Mile SE
A4	KS3000000150962	1/2 - 1 Mile SE
A5	KS3000000150961	1/2 - 1 Mile SE
A6	KS3000000150960	1/2 - 1 Mile SE
7	KS3000000151136	1/2 - 1 Mile ESE
B8	KS3000000150621	1/2 - 1 Mile SE
B9	KS3000000150620	1/2 - 1 Mile SE
B10	KS3000000150622	1/2 - 1 Mile SE
B11	KS3000000150624	1/2 - 1 Mile SE
B12	KS3000000150623	1/2 - 1 Mile SE
C13	KS3000000150520	1/2 - 1 Mile SSE
C14	KS3000000150514	1/2 - 1 Mile SSE
C15	KS3000000150515	1/2 - 1 Mile SSE
C16	KS3000000150512	1/2 - 1 Mile SSE
C17	KS3000000150513	1/2 - 1 Mile SSE
C18	KS3000000150518	1/2 - 1 Mile SSE
C19	KS3000000150519	1/2 - 1 Mile SSE
C20	KS3000000150516	1/2 - 1 Mile SSE
C21	KS3000000150517	1/2 - 1 Mile SSE
22	KS3000000150560	1/2 - 1 Mile SE
23	KS3000000150453	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 2182429.1s



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

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Oil, gas or related wells

SITE NAME: Go Topeka ESA
 ADDRESS: US Hwy 75 & SW 49th Street
 Topeka KS 66609
 LAT/LONG: 38.9756 / 95.6968

CLIENT: Terracon, Inc.
 CONTACT: Dane Bailey
 INQUIRY #: 2182429.1s
 DATE: April 01, 2008 10:49 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
SE
1/2 - 1 Mile
Lower

KS WELLS KS3000000150959

Well id:	308135	County:	Shawnee
Township:	12	Twtn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	NE NE NE
Longitude:	-95.68866	Latitude:	38.97065
Owner:	Carter Companies	Well use:	Monitoring well/observation/piezometer
Comple dat:	16-Aug-1999	Status:	CONSTRUCTED
Other id:	MW 1	Dwr number:	Not Reported
Well depth:	28	Elev:	1016.75
Static dep:	11.8	Est yield:	Not Reported
Driller:	Funkee Drlg. Ser., Inc.		
Direct1:	5305 S Topeka Blvd, Topeka		
Site id:	KS3000000150959		

A2
SE
1/2 - 1 Mile
Lower

KS WELLS KS3000000150958

Well id:	308134	County:	Shawnee
Township:	12	Twtn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	NE NE NE
Longitude:	-95.68866	Latitude:	38.97065
Owner:	Carter Companies	Well use:	Monitoring well/observation/piezometer
Comple dat:	15-Sep-1999	Status:	CONSTRUCTED
Other id:	MW 2	Dwr number:	Not Reported
Well depth:	22	Elev:	1017.78
Static dep:	14.87	Est yield:	Not Reported
Driller:	Not Reported		
Direct1:	5305 S Topeka Blvd, Topeka		
Site id:	KS3000000150958		

A3
SE
1/2 - 1 Mile
Lower

KS WELLS KS3000000150957

Well id:	308133	County:	Shawnee
Township:	12	Twtn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	NE NE NE
Longitude:	-95.68866	Latitude:	38.97065
Owner:	Carter Companies	Well use:	Monitoring well/observation/piezometer
Comple dat:	17-Aug-1999	Status:	CONSTRUCTED
Other id:	MW 6	Dwr number:	Not Reported
Well depth:	23.5	Elev:	1011.79
Static dep:	23.32	Est yield:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller: Funkee Drlg. Ser., Inc.
Direct1: 5305 S Topeka Blvd, Topeka
Site id: KS3000000150957

A4
SE
1/2 - 1 Mile
Lower

KS WELLS KS3000000150962

Well id:	308138	County:	Shawnee
Township:	12	Twtn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	NE NE NE
Longitude:	-95.68866	Latitude:	38.97065
Owner:	Carter Companies	Well use:	Monitoring well/observation/piezometer
Comple dat:	17-Aug-1999	Status:	CONSTRUCTED
Other id:	MW 5	Dwr number:	Not Reported
Well depth:	21	Elev:	1008.85
Static dep:	20.39	Est yield:	Not Reported
Driller:	Funkee Drlg. Ser., Inc.		
Direct1:	5305 S Topeka Blvd, Topeka		
Site id:	KS3000000150962		

A5
SE
1/2 - 1 Mile
Lower

KS WELLS KS3000000150961

Well id:	308137	County:	Shawnee
Township:	12	Twtn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	NE NE NE
Longitude:	-95.68866	Latitude:	38.97065
Owner:	Carter Companies	Well use:	Monitoring well/observation/piezometer
Comple dat:	16-Aug-1999	Status:	CONSTRUCTED
Other id:	MW 4	Dwr number:	Not Reported
Well depth:	25	Elev:	1018.33
Static dep:	13.88	Est yield:	Not Reported
Driller:	Funkee Drlg. Ser., Inc.		
Direct1:	5305 S Topeka Blvd, Topeka		
Site id:	KS3000000150961		

A6
SE
1/2 - 1 Mile
Lower

KS WELLS KS3000000150960

Well id:	308136	County:	Shawnee
Township:	12	Twtn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	NE NE NE
Longitude:	-95.68866	Latitude:	38.97065
Owner:	Carter Companies	Well use:	Monitoring well/observation/piezometer
Comple dat:	16-Aug-1999	Status:	CONSTRUCTED
Other id:	MW 3	Dwr number:	Not Reported
Well depth:	22.5	Elev:	1016.79
Static dep:	17.89	Est yield:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller: Funkee Drlg. Ser., Inc.
Direct1: 5305 S Topeka Blvd, Topeka
Site id: KS3000000150960

7
ESE
1/2 - 1 Mile
Higher

KS WELLS KS3000000151136

Well id:	376170	County:	Shawnee
Township:	12	Twn dir:	S
Range:	16	Range dir:	E
Section:	30	Spot:	SW SW
Longitude:	-95.68532	Latitude:	38.9734
Owner:	AG Tollefson and Co, Inc.	Well use:	Domestic
Comple dat:	17-Oct-2005	Status:	PLUGGED
Other id:	Not Reported	Dwr number:	Not Reported
Well depth:	10	Elev:	Not Reported
Static dep:	3.5	Est yield:	Not Reported
Driller:	McNaul, James P.		
Direct1:	5145 SW Topeka Blvd, Topeka		
Site id:	KS3000000151136		

B8
SE
1/2 - 1 Mile
Higher

KS WELLS KS3000000150621

Well id:	306010	County:	Shawnee
Township:	12	Twn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	NE SE NE
Longitude:	-95.6886	Latitude:	38.96701
Owner:	Pauline/Lawrence Farmers Coop	Well use:	Monitoring well/observation/piezometer
Comple dat:	19-May-1999	Status:	CONSTRUCTED
Other id:	MW 12	Dwr number:	Not Reported
Well depth:	10	Elev:	Not Reported
Static dep:	4.07	Est yield:	Not Reported
Driller:	JB Environmental Drilling		
Direct1:	416 SW 57th, Topeka		
Site id:	KS3000000150621		

B9
SE
1/2 - 1 Mile
Higher

KS WELLS KS3000000150620

Well id:	306009	County:	Shawnee
Township:	12	Twn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	NE SE NE
Longitude:	-95.6886	Latitude:	38.96701
Owner:	Pauline/Lawrence Farmers Coop	Well use:	Monitoring well/observation/piezometer
Comple dat:	19-May-1999	Status:	CONSTRUCTED
Other id:	MW 11	Dwr number:	Not Reported
Well depth:	15	Elev:	Not Reported
Static dep:	4.08	Est yield:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller: JB Environmental Drilling
Direct1: 416 SW 57th, Topeka
Site id: KS3000000150620

B10
SE
1/2 - 1 Mile
Higher

KS WELLS KS3000000150622

Well id:	306011	County:	Shawnee
Township:	12	Twn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	NE SE NE
Longitude:	-95.6886	Latitude:	38.96701
Owner:	Pauline/Lawrence Farmers Coop	Well use:	Monitoring well/observation/piezometer
Comple dat:	19-May-1999	Status:	CONSTRUCTED
Other id:	MW 13	Dwr number:	Not Reported
Well depth:	10	Elev:	Not Reported
Static dep:	4.07	Est yield:	Not Reported
Driller:	JB Environmental Drilling		
Direct1:	416 SW 57th, Topeka		
Site id:	KS3000000150622		

B11
SE
1/2 - 1 Mile
Higher

KS WELLS KS3000000150624

Well id:	306013	County:	Shawnee
Township:	12	Twn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	NE SE NE
Longitude:	-95.6886	Latitude:	38.96701
Owner:	Pauline/Lawrence Farmers Coop	Well use:	Monitoring well/observation/piezometer
Comple dat:	19-May-1999	Status:	CONSTRUCTED
Other id:	MW 15	Dwr number:	Not Reported
Well depth:	12	Elev:	Not Reported
Static dep:	7.34	Est yield:	Not Reported
Driller:	JB Environmental Drilling		
Direct1:	416 SW 57th, Topeka		
Site id:	KS3000000150624		

B12
SE
1/2 - 1 Mile
Higher

KS WELLS KS3000000150623

Well id:	306012	County:	Shawnee
Township:	12	Twn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	NE SE NE
Longitude:	-95.6886	Latitude:	38.96701
Owner:	Pauline/Lawrence Farmers Coop	Well use:	Monitoring well/observation/piezometer
Comple dat:	19-May-1999	Status:	CONSTRUCTED
Other id:	MW 14	Dwr number:	Not Reported
Well depth:	12	Elev:	Not Reported
Static dep:	3.04	Est yield:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller: JB Environmental Drilling
Direct1: 416 SW 57th, Topeka
Site id: KS3000000150623

**C13
SSE
1/2 - 1 Mile
Higher**

KS WELLS KS3000000150520

Well id:	369408	County:	Shawnee
Township:	12	Twtn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	SE SE NE
Longitude:	-95.68857	Latitude:	38.96519
Owner:	Pauline Farmers Coop	Well use:	Monitoring well/observation/piezometer
Comple dat:	18-Feb-1998	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Well depth:	13.6	Elev:	Not Reported
Static dep:	5	Est yield:	Not Reported
Driller:	JB Environmental Drilling		
Direct1:	416 SW 57th, Topeka		
Site id:	KS3000000150520		

**C14
SSE
1/2 - 1 Mile
Higher**

KS WELLS KS3000000150514

Well id:	369401	County:	Shawnee
Township:	12	Twtn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	SE SE NE
Longitude:	-95.68857	Latitude:	38.96519
Owner:	Pauline Farmers Coop	Well use:	Monitoring well/observation/piezometer
Comple dat:	19-Feb-1998	Status:	CONSTRUCTED
Other id:	well 8	Dwr number:	Not Reported
Well depth:	10.5	Elev:	Not Reported
Static dep:	5.27	Est yield:	Not Reported
Driller:	JB Environmental Drilling		
Direct1:	416 SW 57th, Topeka		
Site id:	KS3000000150514		

**C15
SSE
1/2 - 1 Mile
Higher**

KS WELLS KS3000000150515

Well id:	369402	County:	Shawnee
Township:	12	Twtn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	SE SE NE
Longitude:	-95.68857	Latitude:	38.96519
Owner:	Pauline Farmers Coop	Well use:	Monitoring well/observation/piezometer
Comple dat:	18-Feb-1998	Status:	CONSTRUCTED
Other id:	well 7	Dwr number:	Not Reported
Well depth:	13.6	Elev:	Not Reported
Static dep:	11.08	Est yield:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller: JB Environmental Drilling
Direct1: 416 SW 57th, Topeka
Site id: KS3000000150515

**C16
SSE
1/2 - 1 Mile
Higher**

KS WELLS KS3000000150512

Well id:	369383	County:	Shawnee
Township:	12	Twn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	SE SE NE
Longitude:	-95.68857	Latitude:	38.96519
Owner:	Pauline Farmers Coop	Well use:	Monitoring well/observation/piezometer
Comple dat:	20-Feb-1998	Status:	CONSTRUCTED
Other id:	well 10	Dwr number:	Not Reported
Well depth:	11	Elev:	Not Reported
Static dep:	5.05	Est yield:	Not Reported
Driller:	JB Environmental Drilling		
Direct1:	416 SW 57th, Topeka		
Site id:	KS3000000150512		

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

KS WELLS KS3000000150513

Well id:	369400	County:	Shawnee
Township:	12	Twn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	SE SE NE
Longitude:	-95.68857	Latitude:	38.96519
Owner:	Pauline Farmers Coop	Well use:	Monitoring well/observation/piezometer
Comple dat:	19-Feb-1998	Status:	CONSTRUCTED
Other id:	Not Reported	Dwr number:	Not Reported
Well depth:	10.5	Elev:	Not Reported
Static dep:	4.23	Est yield:	Not Reported
Driller:	JB Environmental Drilling		
Direct1:	416 SW 57th, Topeka		
Site id:	KS3000000150513		

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

KS WELLS KS3000000150518

Well id:	369405	County:	Shawnee
Township:	12	Twn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	SE SE NE
Longitude:	-95.68857	Latitude:	38.96519
Owner:	Pauline Farmers Coop	Well use:	Monitoring well/observation/piezometer
Comple dat:	18-Feb-1998	Status:	CONSTRUCTED
Other id:	well 4	Dwr number:	Not Reported
Well depth:	12.6	Elev:	Not Reported
Static dep:	5.7	Est yield:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller: JB Environmental Drilling
Direct1: 416 SW 57th, Topeka
Site id: KS3000000150518

C19
SSE
1/2 - 1 Mile
Higher

KS WELLS KS3000000150519

Well id:	369407	County:	Shawnee
Township:	12	Twtn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	SE SE NE
Longitude:	-95.68857	Latitude:	38.96519
Owner:	Pauline Farmers Coop	Well use:	Monitoring well/observation/piezometer
Comple dat:	18-Feb-1998	Status:	CONSTRUCTED
Other id:	well 2	Dwr number:	Not Reported
Well depth:	14	Elev:	Not Reported
Static dep:	12.3	Est yield:	Not Reported
Driller:	JB Environmental Drilling		
Direct1:	416 SW 57th, Topeka		
Site id:	KS3000000150519		

C20
SSE
1/2 - 1 Mile
Higher

KS WELLS KS3000000150516

Well id:	369403	County:	Shawnee
Township:	12	Twtn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	SE SE NE
Longitude:	-95.68857	Latitude:	38.96519
Owner:	Pauline Farmers Coop	Well use:	Monitoring well/observation/piezometer
Comple dat:	18-Feb-1998	Status:	CONSTRUCTED
Other id:	well 6	Dwr number:	Not Reported
Well depth:	13	Elev:	Not Reported
Static dep:	9.74	Est yield:	Not Reported
Driller:	JB Environmental Drilling		
Direct1:	416 SW 57th, Topeka		
Site id:	KS3000000150516		

C21
SSE
1/2 - 1 Mile
Higher

KS WELLS KS3000000150517

Well id:	369404	County:	Shawnee
Township:	12	Twtn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	SE SE NE
Longitude:	-95.68857	Latitude:	38.96519
Owner:	Pauline Farmers Coop	Well use:	Monitoring well/observation/piezometer
Comple dat:	19-Feb-1998	Status:	CONSTRUCTED
Other id:	well 5	Dwr number:	Not Reported
Well depth:	12.5	Elev:	Not Reported
Static dep:	4.91	Est yield:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Driller: JB Environmental Drilling
Direct1: 416 SW 57th, Topeka
Site id: KS3000000150517

22
SE
1/2 - 1 Mile
Higher

KS WELLS KS3000000150560

Well id:	79788	County:	Shawnee
Township:	12	Twtn dir:	S
Range:	16	Range dir:	E
Section:	31	Spot:	SW NW
Longitude:	-95.68521	Latitude:	38.96611
Owner:	US Air Force	Well use:	Monitoring well/observation/piezometer
Comple dat:	27-Dec-1984	Status:	CONSTRUCTED
Other id:	DW 4	Dwr number:	Not Reported
Well depth:	48.6	Elev:	Not Reported
Static dep:	17.53	Est yield:	Not Reported
Driller:	Terracon, Inc.		
Direct1:	Not Reported		
Site id:	KS3000000150560		

23
SSE
1/2 - 1 Mile
Higher

KS WELLS KS3000000150453

Well id:	369409	County:	Shawnee
Township:	12	Twtn dir:	S
Range:	15	Range dir:	E
Section:	36	Spot:	NE NE SE
Longitude:	-95.68854	Latitude:	38.96337
Owner:	Pauline Farmers Coop	Well use:	Monitoring well/observation/piezometer
Comple dat:	20-Feb-1998	Status:	CONSTRUCTED
Other id:	well 3	Dwr number:	Not Reported
Well depth:	13.5	Elev:	Not Reported
Static dep:	6.7	Est yield:	Not Reported
Driller:	JB Environmental Drilling		
Direct1:	416 SW 57th, Topeka		
Site id:	KS3000000150453		

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
SHAWNEE	1470	4.13	51.3	510

Federal EPA Radon Zone for SHAWNEE 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: 66609

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.200 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.

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 IRRA 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

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APPENDIX E

Site Photographs



Photo #1 Looking N from 49th Street at the northern portion of the site.



Photo #2 Looking E at the northeast portion of the site, 49th Street visible in the background right.



Photo #3 Looking S at debris and a sheen on water in an intermittent stream in the north portion of the site.



Photo #4 Looking NE at the intermittent stream in the northern portion of the site.



Photo #5 Looking NW across pasture at US 75 and I-335 in the northern portion of the site.



Photo #6 Looking NW at a pond in the northern portion of the site. US 75 and I-335 in the background.



Photo #7 Looking SSW at an agricultural field located in the western portion of the site.



Photo #8 Looking SE at two concrete pads left after the demolition of a former farmstead.



Photo #9 Looking NE at demolition debris left over from the former farmstead.



Photo #10 Looking NW at demolition debris left over from the former farmstead.



Photo #11 Looking SW at a 12V battery near the location of the former farmstead



Photo #12 Looking NE at an abandoned and plugged water well near the location of the former farmstead.



Photo #13 Looking NE at a culvert exiting the Target Distribution Center in the SW portion of the site.



Photo #14 Looking NE across an agricultural field in the southern portion of the site.



Photo #15 Looking E across a grassy area in the southern portion of the site.



Photo #16 Looking NNE at a pond located in the east central portion of the site.



Photo #17 Looking NE at debris and a culvert entering the intermittent stream located in the eastern portion of the site.



Photo #18 Looking E at one of the E adjacent properties across the railroad tracks.



Photo #19 Looking S at a large dumping area along the west bank of the intermittent stream in the E portion of the site.



Photo #20 Looking NE at the intermittent stream near the dumping area.



Photo #21 Looking SW at material dumped along the creek, tires, drums, buckets, lumber, and other materials are visible.



Photo #22 Looking S at the dumping area near the creek in the E portion of the site.



Photo #23 Looking E at an old utility manhole near the creek in the E portion of the site.



Photo #24 Looking S at the creek upstream from the dumping area.



Photo #25 Looking SW at the Noller Auto Salvage facility from near Topeka Boulevard.



Photo #26 Looking S down the railroad tracks that are adjacent to the E side of the site.



Photo #27 Looking S at the W property boundary and US Highway 75 from 49th Street.



Photo #28 Looking SE at the Target Distribution Center from the S property boundary.

APPENDIX F

Credentials

DANE G. BAILEY

ENVIRONMENTAL SCIENTIST

PROFESSIONAL EXPERIENCE

I have experience in a range of geographical and geological work. I have two years experience in Cartography with Western Air Maps, Inc in Overland Park, KS. I spent two years teaching Physical Geography and Soil Field and Laboratory Techniques at the University of Kansas. At the same time I worked as a Field Scientist for the Geohydrology Department of the Kansas Geological Survey working on the National Geochemical Survey for the USGS. I have hands on experience in GIS, Cartography, air photo interpretation, soil analysis, soil field description, soil coring, teaching, and management. Now I am excited to be with Terracon Consultants, Inc. in the Topeka Environmental Department.

PROJECT EXPERIENCE

- **National Geochemical Survey–western Kansas**
Solo sampling of streambed sediments covering 33,000 sq. mi. of western KS for USGS National Geochemical Survey.
- **Odyssey Foundation Survey – western KS, eastern CO**
Archaeological survey of alluvial landform sediment assemblages for paleosols with the potential to contain Quaternary age cultural materials.
- **NPS Santa Fe Trail Location Project–Kansas City, MO**
Soil coring and analysis as one element of a multi-part effort to locate a lost segment of the Santa Fe Trail in Kansas City, MO.
- **Elba Canal – Elba, NE**
Soil core collection for stratigraphic and isotopic analysis of loess deposits.
- **Big Creek Fertilizer, WaKeeny, KS**
Source Investigation – assisted with locating borings and sampling of soils to identify potential releases at a fertilizer depot
- **Oberlin Fertilizer, Oberlin, KS**
Source Investigation – assisted with locating borings and sampling of soils to identify potential releases at a fertilizer depot. Assisted lab submission of samples.
- **Hill City Fertilizer, Hill City, KS**
Source Investigation – assisted with locating borings and sampling of soils to identify potential releases at a fertilizer depot
- **Former Model Steam Laundry, Goodland, KS**
Source Investigation – located borings and sampled soils to identify potential releases at a former dry cleaning facility. Submitted samples to lab and field gas chromatograph.
- **NIMA Mapping, Overland Park, KS**
Cartography for the Department of Defense.
- **Bartlesville, OK GIS Extraction–Overland Park, KS**
Extraction of city planimetrics for municipal GIS.

EDUCATION

M.A.- Geomorphology

*University of Kansas –
Lawrence, KS , Anticipated. 2008*

Bachelor's- Geography-2003

*University of Kansas –
Lawrence, KS , 2003*

CERTIFICATIONS

*HAZWOPER training, NJK Assoc, Inc.
April 2007, Olathe, KS*

*Asbestos training, Terracon Consultants
May 2007, Lenexa, KS*

*Visual Emissions Certification, Eastern
Technical Associates
September 2007, Kansas City, KS*

WORK HISTORY

Western Air Maps, Inc.

*Cartographer
2002-2004*

University of Kansas

*Graduate Teaching Assistant
2004-2005*

Kansas Geological Survey

*Field Scientist – Geohydrology
2004-2006*

Terracon Consultants, Inc.

*Environmental Scientist
2007*

DANE BAILEY PROJECT EXPERIENCE (CONTINUED)

- **Gateway Business Park–Olathe, KS**
Phase 1 Environmental Site Assessment of an approximate 3 acre undeveloped property.
- **Southwest Business Park–Olathe, KS**
Phase 1 Environmental Site Assessment of an approximate 2 acre undeveloped property
- **Big Bowl, Inc., Junction City, KS**
Phase 1 Environmental Site Assessment of 60 year old bowling complex
- **Menninger Complex, Topeka, KS**
Phase 1 Environmental Site Assessment of 76 acre former mental health facility.
- **Manhattan Regional Airport Expansion, Manhattan, KS**
Phase 1 Environmental Site Assessment of 96 acre agricultural area proposed for airport expansion
- **121 McCall Road, Manhattan, KS**
Phase 1 Environmental Site Assessment of former tire retail and service facility
- **Parsons School, Salina, KS**
Phase 1 Environmental Site Assessment of property containing a former school building
- **2nd and Commercial St., Downs, KS**
Phase 1 Environmental Site Assessment of site formerly containing grain bins adjacent to a larger grain storage facility
- **Milo Ground, Downs, KS**
Phase 1 Environmental Site Assessment of a 10 acre tract of ground adjacent to a fertilizer distribution facility and former USDA grain storage site
- **FedEx Ground, Topeka, KS**
Phase 1 Environmental Site Assessment and Limited Site Investigation of an 8 acre tract of land adjacent to several former DOD airport hangars at Forbes Field in Topeka, Kansas
- **1700 & 1701 N. Buckeye St., Abilene, KS**
Phase 1 Environmental Site Assessment of residential properties proposed for use as auto equipment sales facility
- **Former Riteway Cleaners, Concordia, KS**
Source Investigation- assisted with site reconnaissance and work plan development activities for a former dry cleaning facility
- **57th and U.S. 75, Topeka, KS**
Phase 1 Environmental Site Assessment of agricultural land proposed for use as a light industrial park
- **121 McCall Road, Manhattan, KS**
Phase 1 Environmental Site Assessment of former tire retail and service facility
- **US Highway 50 Soil Profile, Hutchinson, KS**
Description, sampling, and testing of in situ soils along a three mile stretch southeast of Hutchinson, KS slated for a proposed highway improvement project. Thirty-four borings and the resulting descriptions and sample analysis will be used in the engineering design of the new highway.
- **Firestone/Bridgestone, Falls City, NE**
Phase 1 Environmental Site Assessment of a tire retail and service facility
- **Menninger Complex, asbestos survey, Topeka, KS**
Asbestos inspection and sample collection of Potential Asbestos Containing Materials (PACM) for analytical analysis on 20 buildings of the former Menninger Clinic campus.

DANE BAILEY PROJECT EXPERIENCE (CONTINUED)

- **Plaza West, Limited Site Investigation, Topeka, KS**
Located soil borings and sampled soils for analytical submission to determine contamination levels of dry cleaning solvents from a dry cleaning facility on the premises.
- **Woodworth Tract, Emporia, KS**
Phase I Environmental Site Assessment of two commercial properties proposed for use as a rail spur connecting a future Ethanol plant.
- **Wakarusa Corporate Centre, Lawrence, KS**
Phase I Environmental Site Assessment of a large, occupied commercial office building and associated grounds in Lawrence, KS.
- **Spic N Span Cleaners, Expanded Site Assessment, Emporia, KS**
Assisted with the installation of Goresorber passive soil gas collectors in order to determine future soil boring locations in order to determine the extent of dry cleaning solvent contamination.
- **Four Seasons Cleaners, Source Investigation, Emporia, KS**
Assisted with the installation of Goresorber passive soil gas collectors in order to determine future soil boring locations in order to determine the extent of dry cleaning solvent contamination.
- **US Center Foundation #1, Brownfields Targeted Assessment, Lebanon, KS**
Site assessment including Phase I ESA and limited asbestos survey with analytical sampling for enrollment in the state Brownfields program.
- **US Center Foundation #2, Brownfields Targeted Assessment, Lebanon, KS**
Site assessment including Phase I ESA and limited asbestos survey with analytical sampling for enrollment in the state Brownfields program.
- **US Center Foundation #3, Brownfields Targeted Assessment, Lebanon, KS**
Site assessment including Phase I ESA and limited asbestos survey with analytical sampling for enrollment in the state Brownfields program.
- **Old Dominion Freightline, Topeka, KS**
Phase I Environmental Site Assessment of a property that formerly housed an electrical contractor's headquarters and supply depot.
- **CBC II Truck Stop, Lawrence, KS**
Phase I Environmental Site Assessment of an active truck terminal on Highway 59 used for the storage and distribution of goods as well as the maintenance and storage of tractor trailers.
- **Eudora Nursing Home, Eudora, KS**
Phase I Environmental Site Assessment of an active, four-wing retirement medical facility and the associated grounds including 3 multi-unit condos and one duplex.
- **Greybeal Landfill, 75 Hwy and 62nd Street, Topeka, KS**
Located and described soil borings around an inactive construction materials landfill in order to delineate the landfill's boundary for future residential development.
- **Mareta Circle, Topeka, KS**
Phase I Environmental Site Assessment of an abandoned apartment complex including seven multi-unit apartment buildings and associated grounds and parking facilities.
- **US Highway 54 Soil Profile, Kingman, KS**
Description, sampling, and testing of in situ soils along a seven mile stretch between Kingman and Cunningham, KS slated for a proposed highway improvement project. Eighty-two borings and the resulting descriptions and sample analysis will be used in the engineering design of the new highway.

BRIDGET M AESCHLIMAN, P.G.

ENVIRONMENTAL PROJECT MANAGER

PROFESSIONAL EXPERIENCE

Ms. Aeschliman is an Environmental Manager for Environmeal Services in Terracon's Topeka, Kansas office. Ms. Aeschliman has fifteen years project management experience (14 years as a regulator for the State of Kansas) and professional training focused on environmental assessment and environmental remediation. As a professional geologist and department manager, she is responsible for business development, management and technical supervision of environmental personnel and project in the Topeka region. She has five years experience in management of two state-wide programs including both project and budgetary issues. Ms. Aeschliman's management experience entails environmental assessment and cleanup projects conducted to protect drinking water resources, facilitate property transactions, and support redevelopment of idle and underutilized properties. Ms. Aeschliman specializes in ASTM Phase I/Phase II environmental site assessment process and well educated in environmental law and regulation, specifically CERCLA and SBLRBRA (2002 Brownfields legislation). Ms. Aeschliman also has four years experience conducting CERCLIS investigations under CERCLA.

Kansas Brownfields Program Manager: Developed & implemented the program as the program coordinator since programs inception in 2001 until 2006. In that time, over 350 parcels of property were assessed. Assisted local governments, developers, and various economic development agencies in redeveloping brownfield properties by satisfying federal all appropriate inquiry requirements and addressing environmental impacts. Available assistance included KDHE-managed environmental assessments, cleanup grants, and technical support. Assisted and developed several grant applications submitted to USEPA for program funding. Managed several city-wide and state brownfields inventory projects across the state including the state-wide RedevelopKS Initiative and assessment of redevelopment corridors in Wichita and Topeka. Sole person responsible for promoting the Brownfields Program to municipalities, economic development agencies, and Not-For-Profit organizations. Responsible for developing and implementing annual workshops for program promotion. Significant amount of public presentations conducted to promote program.

Kansas State Water Plan Contamination Remediation Program Manager: With an annual average of 80 sites across Kansas, Bridget was responsible, as program manager, for ensuring staff assigned to the program adequately address sites from the assessment to the cleanup phase. Program manager responsibilities included managing a one million dollar a year budget. To conduct field activities for specific sites within the program, she developed and reviewed Requests For Proposals for services. Projects often entail joint efforts between the Kansas Environmental Use Controls, Voluntary Cleanup, and Brownfields programs. In this program, Ms. Aeschliman was required to have significant interaction with the public, other state agencies, local governments, Basin Advisory Committees, and USEPA. Specific sites managed in the program included abandoned zinc smelter and manufactured gas plant facilities, abandoned refineries, petroleum release sites, agri-chemical release sites, and various other properties.

EDUCATION

KANSAS STATE UNIVERSITY –
MANHATTAN KANSAS, 1993
Bachelor of Science, Geology

REGISTRATIONS

Kansas Licensed Geologist #45

CERTIFICATIONS

Phase I and Phase II Environmental Site Assessments, ASTM, December 2005, Kansas City, KS

Orientation to Quality Assurance/Systematic Planning Process and Quality Assurance Project Plans/Data Quality Assessment, USEPA, October 2005, Topeka, KS

HAZWOPER Refresher Training, Terracon In-house Training, May 2007

Bankruptcy and Environmental Enforcement, USEPA, January 2004, Topeka, KS

The Anatomy of Real Estate Development, USEPA, July 2002, Kansas City KS

HAZWOPER 40-Hour Training, USEPA, April 1994, Topeka, KS

AFFILIATIONS

Downtown Topeka, Inc. 2006-Present

WORK HISTORY

TERRACON CONSULTANTS, INC.-
Environmental Project Manager
2006-Present

KANSAS DEPARTMENT OF HEALTH
AND ENVIRONMENT (KDHE)
Professional Geologist IV
2001 to 2006

KANSAS DEPARTMENT OF HEALTH
AND ENVIRONMENT (KDHE)
Environmental Geologist/Project Manager
1993 to 2001

PROJECT EXPERIENCE

City of Flagstaff Brownfields QAPP/HSP – Flagstaff, Arizona

Author of Generic QAPP/HSP for the City of Flagstaff's Route 66 Central Corridor Assessment Grant project. Developed document based on EPA Region 9 guidance documents and previously approved Terracon QAPP documents.

Menninger Hill Redevelopment – Topeka, Kansas

Managed Phase I ESA services for the 120 acre, 22 building former mental health facility proposed as the new location of a local hospital.

Burlingame Railroad Corridor, 2006, Burlingame, Kansas

Directed activities for the Phase II Brownfields Targeted Assessment and subsequent excavation activities of petroleum impacted soils under the Kansas Voluntary Cleanup Program.

KDHE Brownfields Petroleum Assessment Grant, 2005 State of Kansas

Author of a successful grant application for a \$200,000 Brownfields Petroleum Assessment Grant from USEPA. Funding awarded following a national USEPA grant competition.

21st Corridor Assessment Project, 2004-2006 Wichita, Kansas

Project Manager for approximately 190 parcels of property for Phase I Brownfields Targeted Assessments. Conducted subsequent Phase II assessments for 14 parcels with Recognized Environmental Conditions.

Topeka Riverfront Development Brownfields Assessment, 2005-2006 Topeka, Kansas

Project Manager for Phase I & II Brownfields Targeted Assessment activities of the proposed redevelopment area in downtown Topeka.

Property Redevelopment Assessments, 2004-2005, FUDS Sites in Kansas

Directed the completion of Phase I & II Property Redevelopment Assessments at Formerly Utilized Defense Sites (FUDS) in Pratt and Salina, Kansas. Activities were conducted under KDHE's Brownfields grant.

Former Smelter Assessments—Southeast Kansas, 2002-2006

Project manager for soil, sediment, water and risk assessment study at 23 former smelter sites located in SE Kansas. Subsequent to investigation activities, evaluated the potential for responsible parties for the sites.

KDHE Brownfields Pilot Revolving Loan Fund Grant, State of Kansas, 2003

Author of a successful grant application for a \$1.0 million Brownfields Revolving Loan Fund Grant from USEPA. Funding awarded following a national USEPA grant competition.

Water Line Installation at Ace Services Superfund Site, Colby, Kansas 2001-2002

Project manager for the installation of a 1 ½ mile water line installed to provide a safe drinking water supply for residences with hexavalent chrome impacts to their domestic wells from the Ace Services Superfund site.

Former Webster Refinery, Humboldt, Kansas, 1997-2006

Conducted Comprehensive Investigation activities defining the nature of an existing tar pit at the site. Corrective Action Study and Corrective Action conducted to stabilize material remaining in tar pit.

Hutchinson Air Base Industrial Tract (HABIT), Yoder, Kansas 1997-2006

Project manager for site whose ground water plume was migrating towards a public drinking water well. Several domestic wells present within plume area. The Kansas State Water Plan program installed approximately 3 miles of water line to supply residents with a safe drinking water supply.

Wellington Former Manufactured Gas Plant (FMGP), Wellington, Kansas 1998-2006

Project manager for FMGP site located in a City Park. Conducted Comprehensive Investigation activities as well as indoor air activities at a building remaining from former MGP operations. Due to indoor air impacts from the FMGP, oversaw the design modifications for the heating and cooling system in the building.