GSI Engineering

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PHASE I ENVIRONMENTAL SITE ASSESSEMENT REPORT

ASTM E 1527-13

Delano Catalyst Site Parcel 1A

SW corner Sycamore & McLean

Wichita, KS

03/29/2016

Prepared for:

City of Wichita

Wichita, KS

Prepared by:

GSI Engineering, LLC

Wichita, KS

GSI Project Number: 167097

Geotechnical Engineering ■ Environmental ■ Construction Materials Testing ■ Drilling

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LIST OF COMMON ACRONYMS*

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

AAI	All appropriate inquiry
ACM	Asbestos containing material
AST	Aboveground storage tank
ASTM	American Society for Testing and Materials
AUL	Activity use limitations
BGS	Below ground surface
BTEX	Benzene, toluene, ethylbenzene and xylenes
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	CERCLA information system
CFR	Code of Federal Regulations
CREC	Controlled recognized environmental condition
DOT	United States Department of Transportation
EPA	United States Environmental Protection Agency
HREC	Historical recognized environmental condition - a past release of hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority without subjecting the property to required controls (associated land use restrictions).
LUST	Leaking underground storage tank
MCL	Maximum contaminant level
MSDA	Material safety data sheet
NGVD	National Geodetic Vertical Datum
NOV	Notice of violation
NPDES	National Pollutant Discharge Elimination System
NPL	National Priority List (Superfund)
PAH	Polycyclic Aromatic Hydrocarbon,
PCB	Poly-chlorinated biphenyl
RCRA	Resource Conservation and Recovery Act
REC	Recognized environmental condition
SPCC	Spill Prevention, Control and Countermeasure
SWPPP	Storm water pollution prevention plan
TEPH	Total extractable petroleum hydrocarbons
TPH	Total petroleum hydrocarbon
TPH-DRO	Total Petroleum Hydrocarbons - Diesel Range Organics
TPH-GRO	Total Petroleum Hydrocarbons - Gasoline Range Organics
TSCA	Toxic Substances Control Act
UST	Underground storage tank
VCP	Voluntary cleanup program
VOC	Volatile organic compound

EXECUTIVE SUMMARY

GSI Engineering, LLC ("GSI") has performed a Phase I Environmental Site Assessment (ESA) of real property located at SW corner Sycamore & McLean, Wichita, Sedgwick County, KS, hereinafter referred to as the "Assessment Site". The Phase I ESA was conducted under the supervision of Gregg Armstrong, environmental professional. Gregg Armstrong / Mike Balleau, Senior Scientist / Staff Geologist, performed the site reconnaissance of the Assessment Site on March 17, 2016.

The Phase I ESA has been completed in conformance with the scope and limitations of ASTM Practice E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and our executed proposal dated March 7, 2016. It should be recognized by users of this report that Phase I ESA findings are not fully explained or disclosed in the Executive Summary section to the level required for specific land use determinations, or a comprehensive assessment of environmental conditions. Such determinations require examination of this report in its entirety for complete and reliable Phase I ESA findings, conclusions and recommendations. Any exceptions to, or deletions from, this practice are described in Sections 1.2, 1.3 and 10.0 of this report.

FINDINGS AND CONCLUSIONS OF ENVIRONMENTAL PROFESSIONAL

The Assessment Site is comprised of 8 individual parcels occupying approximately 5 acres. The site is bound on the north by vacant land, formerly occupied by Watkins, Inc., on the west and south by commercial properties, and on the east by N. Sycamore St. Delano Catalyst Site Parcel 1B is adjacent east of N. Sycamore. Parcel 1B is vacant land. A portion of the former Watkins Inc. facility extended onto the north portion of the Assessment Site. Based on historic documents, the area was occupied by a crane used for material handling. All infrastructure from the former Watkins, Inc. facility has been removed from the Assessment Site. An un-paved street crosses the southern portion of the Assessment Site from east to west. The street occupies a former railroad right-of-way. The railroad was present from the late 1800s to mid-1970s. E.H. Henry Construction Co. buildings are located near the southeastern corner of the Assessment Site. No other improvements are present on the Assessment Site.

Historic property use includes Watkins, Inc. from 1930 to 2005 and various industrial and commercial businesses inlcuding E. H. Henry Co., Former Parker Oil, Home Insulation & Roofing, Friend Fur and Wool Co., and Midland Housing Co. Insulation at the southeast corner from 1930s to present. Historic industrial use and the presence of the railroad corridor represent recognized environmental conditions (RECs) with respect to the Assessment Site. Previous Phase I and Phase II ESAs including all or portions of the Assessment Site and adjacent properties did not identify significant RECs or environmental conditions affecting the Assessment Site except PAH compounds, a by-product of incomplete hydrocarbon combustion, detected at one location within the Assessment Site boundaries.

This Phase I ESA has revealed the following RECs and HRECs with respect to the Assessment Site:

- Phase II ESA completed in 2011 confirmed PAH compounds (benzo(a)anthracene at 13.3 milligrams per kilogram (mg/kg) and benzo(a)pyrene at 12.6 mg/kg) at one location on the Assessment Site. PAH impact was attributed to historic industrial operations and appeared to be limited to a relatively small area of the Assessment Site. PAH concentrations exceeding KDHE RSK residential levels of 10.9 mg/kg (benzo(a)anthracene) and 1.09 mg/kg (benzo(a)pyrene) are considered a REC.

- WATKINS INC., 711 W SECOND, UST: This facility was identified as a REC in the previous Phase I ESA (October 2010), with further investigation recommended. Phase II ESA (August 2011) concluded TPH-GRO and TPH-DRO, petroleum related compounds anticipated to represent gasoline and diesel contamination resulting from UST releases, were not present at significant concentrations on the property and concluded further investigation was not warranted. GSI located UST records documenting registration of the USTs as filled and permanently out of use in the KDHE UST database system,

meeting UST tank closure requirements. Based on this information and the results of previous Phase II soil and groundwater sampling and analysis results indicating no significant petroleum impact further investigation does not appear to be warranted. This facility is considered a REC based on documented presence of petroleum USTs located on adjacent and anticipated upgradient property; however, based on the results of previous Phase II investigation, no further investigation related to this facility is warranted.

- PARKER OIL CO INC. 123 N. SYCAMORE, LUST, UST: Parker Oil formerly occupied the E. H. Henry property. LUST site status is closed, indicating contamination is no longer present, or residual concentrations are below KDHE action levels. USTs are indicated as removed and permanently out of service.This facility is considered a HREC.

- SCOTT & LANDERS INC, 200 N OSAGE, LUST, UST: LUST site status is closed, indicating contamination is no longer present, or residual concentrations are below KDHE action levels. USTs are indicated as removed and permanently out of service. This facility is considered a HREC.

- JOHN ARNOLD ASSOCIATES, INC., 741 W 2ND, LUST: LUST site status is closed, indicating contamination is no longer present, or residual concentrations are below KDHE action levels. USTs are indicated as removed and permanently out of service. The facility is considered to be a HREC.

- RYDER TRUCK RENTAL, 310 N HANDLEY, LUST, UST: LUST site status is closed, indicating contamination is no longer present, or residual concentrations are below KDHE action levels. USTs are indicated as removed and permanently out of service. The facility is considered to be a HREC.

The identified REC and HREC locations are indicated on Figure 3 in appendices.

RECOMMENDATIONS

Based on the findings, GSI recommends additional investigation be conducted including limited subsurface soil and groundwater sampling and analysis. Some major points which lead us to this recommendation:

- Phase II ESA completed in 2011 confirmed PAH impact to soil at one location on the Assessment Site. The presence of PAH contamination in soil may restrict future land use and/or require specific actions relative to future property development activities. The full horizontal and vertical extent of PAH impact should be delineated to facilitate future land development planning. The recommended area of investigation is indicated on Figure 3 in appendices.

BUSINESS ENVIRONMENTAL RISKS

Phase I ESA findings characterize certain business environmental risks as defined by ASTM E 1527-13. These risks may warrant further research or assessment specific to prospective land use, pending construction work, and the risk tolerance of the user. These risks are characterized in the findings of this Phase I ESA report. Additional GSI recommendations in response to observed business environmental risks include:

- Underground utilities located on the Assessment Site should be considered with respect to planned property development.

- Portions of the Assessment Site have been used for industrial purposes from 1930 to approximately 2005. Watkins, Inc. infrastructure was demolished and rubble and demolition debris may remain onsite affecting site excavation and grading activities.

1.0 INTRODUCTION

The City of Wichita, ("Client"), retained GSI Engineering, LLC ("GSI") to perform an ESA of real property located at Southwest corner Sycamore & McLean, Wichita, Sedgwick County, KS. The Phase I ESA was conducted under the supervision of Gregg Armstrong, environmental professional. Gregg Armstrong, Senior Scientist, and Mike Balleau, Staff Geologist performed the site reconnaissance of the Assessment Site on March 17, 2016.

The Phase I ESA was implemented under the applicable provisions of the Scope of Services and General Conditions presented in the GSI proposal dated February 8, 2016 Phase I activities and research were performed consistent with industry practice and ASTM Standard E 1527-13.

1.1 Phase I ESA Purpose

The purpose of the Phase I ESA was to identify and evaluate the significance (if any) of recognized environmental conditions (RECs), historical RECs (HRECs), and controlled RECs (CRECs) identified in connection with the assessment site. This process requires a defined Scope of Work pursuant to the EPA All Appropriate Inquiries (AAI) Rule [40 CFR Part 312] and ASTM Standard E 1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. Phase I ESA findings were then applied to assess actual or potential environmental conditions and associated risks following industry-recognized standards.

ASTM E 1527-13 defines a recognized environmental condition (REC) as:

...the presence or likely presence of any hazardous substance or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release; or (3) under conditions that pose a material threat of a future release to the environment.

The term includes hazardous substances and/or petroleum products under conditions that may or may not comply with applicable laws and regulations. The term is not intended to include de *minimis* conditions that do not present a material risk of harm to public health or the environment, and that would not be subject to corrective action if brought to the attention of appropriate governmental agencies.

Pursuant to the ASTM Standard, GSI also evaluated controlled RECs (CRECs) and historical RECs (HRECs) defined by the ASTM as:

CRECs...*a past release of hazardous substances or petroleum products that have been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls* (associated land use restrictions).

HRECs...*a past release of hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority without subjecting the property to required controls* (associated land use restrictions).

1.2 Scope of Services

The Phase I ESA included specific due diligence reviews, field observations, and historical research as required by ASTM Standard E1527-13. These activities are detailed below:

- Site Reconnaissance - Visual observation of the subject site and adjoining properties as visible from pubic vantage points and municipal right-of-ways.

- Interviews & Information Requests - Interviews with current and previous owners/occupants and other parties that may have specialized knowledge of previous or ongoing facility operations.

- Environmental Database Reviews - Review of environmental and regulatory database records available through industry-recognized commercial providers and governmental agencies.

- Historical Records Reviews - Review of historical maps, aerial photographs, and other historical land use records to demonstrate land use over time. Includes records readily available through commercial providers and governmental agencies similar to the above.

- Limited Land Title Review - Review of readily client-provided records to demonstrate current/historical ownership and to evaluate potential liens and/or other deed/land use restrictions filed against the property.

- Assessment of Physical Site Conditions - Review of soil classifications, geology, and other pertinent physical site characteristics consistent with the ASTM Standard.

- Documentation & Reporting - Development of a comprehensive Phase I ESA Report structured in accordance with the technical standards and requirements indicated herein. GSI findings, conclusions, and technical recommendations are provided in Sections 7.0, 8.0 and 9.0 of this report, respectively.

- Add-Scope Services - Add scope services were not performed as part of the Client-authorized work.

1.3 Phase ESA Deletions or Deviations

Limiting conditions and/or deviations (i.e. client-imposed constraints) to ASTM Practice E 1527-13 were not encountered with this assessment.

1.4 Scope and Report Limitations

The findings and recommendations presented in this Phase I ESA report are based solely upon the site conditions, information, and supporting data obtained and reviewed through Client-authorized work, as presented in GSI technical proposals. This information is subject to change over time and GSI cannot represent site conditions beyond those specifically identified through the authorized Scope of Work. GSI makes no warranties, express or implied, with regard to professional services, associated findings, or third party information used in connection with this project.

Report conclusions and recommendations are based exclusively on the project information and technical findings presented in corresponding sections of this Phase I ESA report. Without specific cause to speculate or discount third-party information, we assume this information remains accurate and reliable for Phase I ESA determinations and related land use planning.

This discussion and land use analysis does not account for supplemental findings or changes in site conditions that may occur subsequent to the most recent field mobilization. Future discoveries may warrant further investigation and/or corrective measures not specifically described herein. These limitations must be considered by property owners, prospective purchasers, and additional parties authorized to rely on this report.

1.5 Standard of Care

GSI completed the Phase I ESA to a level of care and professional oversight consistent with industry practice, within the limitations of the ASTM Standard E 1527-13. This analysis can be highly subjective and is not based on quantitative findings or laboratory results. This practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs (by ASTM definition) in connection with the Assessment Site. Additional measures that are more definitive

are beyond the scope and intent of the Phase I ESA Scope of Work and the executed contracted referenced herein.

GSI offers general conclusions and recommendations for future work; however, we maintain no responsibility for Client-driven decisions based on factors beyond our control, including cost, project timelines, and the risk tolerance of the user. GSI recommendations do not reflect legal advice or qualified legal opinions in response to the findings of this report.

1.6 Reliance

Contractual use and reliance on the Phase I ESA repot remains limited to the Client pursuant to the applicable provisions of the referenced associated contractual documents. This report shall only be presented in full and may not be used to support other objectives than those set out in the report, except where written approval consent are provided by the Client and GSI. Contractual use and reliance on the Phase I ESA report remains limited to the Client pursuant to the applicable provisions of the executed contract.

Reliance on the Phase I ESA Report by other parties is prohibited without the written authorization by the Client and GSI. Reliance on the Phase I ESA Report by all authorized parties is subject to the terms, conditions, and limitations stated in executed contract documents and this Phase I ESA Report. GSI may agree to extend reliance to additional parties for a reasonable fee and execution of a Reliance Agreement.

1.7 User Responsibilities

Users of this Report should be aware of the limited viability of the Phase I ESA process. Phase I ESA Reports meeting ASTM E 1527-13 and completed less than 180 days prior to the date of property title acquisition, or for properties not involving an acquisition (e.g. leases) the date of the intended transaction, is presumed to be valid. If within this period the Phase I ESA Report will be used by a different report-user than the Client for whom the Phase I ESA Report was originally prepared, the subsequent report-user must also satisfy the Client's responsibilities per ASTM E 1527-13. This includes applicable Phase I updates and specific user responsibilities as defined by ASTM E 1527-13.

Additional land title, legal, or other professional reviews may be required to fully disclose potential environmental liens or other unforeseen land use restrictions which are not evident through completion of the Client-authorized Scope of Services. The Phase I User is responsible for supplemental reviews that may be necessary to meet specific AAI and/or ASTM requirements independent of this Phase I ESA Report.

This report has been prepared on behalf of City of Wichita and/or any financial or lending institution in connection with environmental review of the subject property. The contents of this report may not be copied, provided, or otherwise communicated to any party other than those associated with or listed above without prior written consent of City of Wichita and GSI.

2.0 SITE DESCRIPTION

2.1 Property Location and Description

The Assessment Site location and property boundaries are included in the Figures section of this Phase I ESA Report. Specific report figures include an "Area Location and Topographic Map" as Figure 1 and "Site Base Map" as Figure 2. Table 1 summarizes the key information regarding the description of the Assessment Site. The Figures section provides property boundary and legal descriptions, county parcel maps, client-provided land title records and/or property information summaries.

Table 1 - Assessment Site Description

Site Name	Delano Catalyst Site Parcel 1 A
Physical Address	SW Corner of Sycamore & McLean Ave.
Acreage	5 Acres +/-
Lot/Parcel Description	LOT 37 SYCAMORE ST; BEG NW COR LOT 30 E 125 FT TO NE COR S 1 FT SW ALG CUR 130 FT TO E LI OAK ST N 42 FT TO BEG & VAC E1/2 OAK ST ADJ ON W OAK ST; W 20 FT N 15 FT LOT 29 & W 20 FT ODD LOTS 31 50 51 INC. OAK AVE; LOTS 21-23-15 OAK ST; ODD LOTS 21 TO 35 INC. EXC BEG NE COR LOT 35 W 125 FT TO NW COR LOT 35 S ALG W LI LOT 35-33-31 72 FT NE ALG CUR 145 FT TH N 6 FT TO BEG & N 40 FT VAC ST ADJ ON S SYCAMORE ST; EVEN LOTS 22 T0 30 INC. EXC BEG NW COR LOT 30 E 125 FT TO NE COR S 1 FT SW ALG CUR 130 FT TO E LI OAK ST N 42 FT TO BEG OAK ST & N 40 FT VAC ST ADJ ON S; BEG NE COR LOT 35 W 125 FT TO NW COR LOT 35 S ALG W LI LOTS 35-33-31 72 FT NE ON CUR 145 FT N 6 FT TO BEG & VAC E1/2 ALLEY ADJ ON W SYCAMORE ST, ALL IN WEST WICHITA ADD; AND, BEG W LI SYCAMORE AVE & LI MID. VAL. ROW S 661 FT W 142.5 FT S 100 FT W 172.5 FT S 25 FT W 135 FT N 844.6 FT TO S LI 2ND ST E 406 FT TO RR ROW SE TO BEG EXC N 230 FT OF W 155 FT THEREOF - BEING PT RES C & PT OF LOTS IN WEST WICHITA ADD.
Public Land Survey System	Section 20, Township 27 South, Range 1 East
Current Ownership	City of Wichita
Current Use	Vacant Land
Building Description and Property Improvements	There are no buildings on-site.
Zoning	LI Light Industrial

2.2 Description and Use of Adjoining Properties

Based on review of available land use records and the GSI field reconnaissance, properties adjoining the Assessment Site are described in Table 2. Photographs of adjoining properties can be found in Appendix A.

Table 2 - Current Adjoining Property Information

Direction	Description
North	North adjacent property is currently vacant land, paved areas are present along West 2nd St. North at the northeast and northwest corners of the property. The site was formerly occupied by Watkins Steel. Key Construction is located northwest of the Assessment Site.

Direction	Description
East	The Assessment site is bound on the east by N. Sycamore St. Vacant land (Delano Catalyst Site Parcel 1B) and Commercial properties are adjacent east of Sycamore St. Occupied properties include ARC Document Solutions, Poe & Associates, and U.S. Citizenship & Immigration Services.
South	Commercial properties are adjacent south. Occupants include Welding and Steel Fabrication, MRE Installations and an unoccupied building at 130 N. Oak.
West	Commercial properties are adjacent west. Occupants include Key Construction, Tour Box, and Movers Inc.

2.3 Physical Setting

GSI researched various technical publications and supplemental addendums provided with the Environmental Data Resources, Inc. (EDR) database reports to document physical site conditions, as these conditions often affect environmental conditions and contaminant migration. Particular focus is given to site elevation and topographic gradient relative to the Assessment Site. Pertinent regional and site-specific surface information is summarized in Table 3 consistent with industry practice.

An area location and topographic map is provided as Figure 1 in the Figures section. Additional details are provided with the mapping features and Geocheck included with the EDR Radius Report (Appendix B).

Table 3 - Physical Setting*

Site Elevation	Approximately 1,300 feet above mean sea level.
General Topographic Gradient	Nearly level to very gently sloping to the south.
Closest Surface Water	Arkansas River located approximately 900 feet to the east.
Altered Grade or Drainage	No apparent altered grade or drainage features were noted.
FEMA Flood Zone	Between 100 year and 500 year flood - Zone B
National Wetland Inventory	No
Soil Type	Hastings silt loam
Soil Description	Class D hydrologic group - very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer. Moderately well drained, not hydric
Geologic Description	Geographically, the assessment site lies within the Arkansas River Lowlands of the Central Lowland physiographic province (Merriam, 1963). This region is typically characterized by poor surface drainage. Unconsolidated Neogene-age sediments of sand, gravel, silt and clay are estimated to be approximately 100 feet thick in the area of the assessment site. The Wellington formation is the local bedrock, which is characterized by calcareous shale with minor amounts of limestone, anhydrite and gypsum (Lane, 1965). According to "Geohydrology of Sedgwick County", the site is located in the Arkansas Valley Groundwater Area A. The area is underlain by alluvial sediments that are the most productive water-bearing rocks in the county. Transmissivity values are estimated to range from zero to 250,000 gallons per day, per square foot, depending on lithology and thickness of the aquifer. The net annual recharge in the Arkansas Valley is estimated to be approximately 20 percent of the annual precipitation (Lane, 1965).
Groundwater Source	Alluvial Deposits

Depth to First Groundwater**	Approximately 15 feet bgs
Estimated Groundwater Flow**	Southeast
Comments:	Areas of sand, gravel, brick and concrete rubble were apparent throughout the Assessment Site, potentially remnants from historic use for material storage.

* Please refer to Section 12.0 for a listing of Reference Sources.

** Note: Without the benefit of on-site groundwater monitoring wells surveyed to a known datum, groundwater depth and hydrogeologic gradient (flow direction) beneath the site cannot be determined and is estimated based on available references.

3.0 CLIENT PROVIDED INFORMATION

Pursuant to ASTM E1527-13, the Client is responsible for providing supplemental land use information and pertinent records related to potential environmental or other title liens, activity and use limitations, or other restrictions based on known environmental conditions. To standardize this process consistent with ASTM requirements, GSI provided a Phase I ESA User Questionnaire to Mr. John Philbrick, Real Estate Administrator with City of Wichita as the user of the Phase I ESA Report. The User Questionnaire was completed and signed by Mr. John Philbrick, Real Estate Administrator with City of Wichita on March 24, 2016.

Client-provided information is detailed in the following sections specific to the requirements of the ASTM Standard. Copies of the Phase I ESA Questionnaire are provided in Appendix D.

3.1 Reason for Performing Phase I ESA at Assessment Site

The Phase I ESA process is being conducted as part of a real estate development to determine if RECs exist in connection with the Assessment Site, which may affect planned redevelopment activities.

3.2 Owner, Property Manager and Occupant Information

The Sedgwick County Appraiser indicates the Assessment Site is owned by City of Wichita located in Wichita, Kansas. Mr. John Philbrick is the contact for City of Wichita and is the Client for this Phase I ESA.

3.3 Environmental Liens or Activity Use Limitations

Environmental liens or activity and use limitations (AULs) are an indicator of the current or historical release of hazardous substances or petroleum products. The presence of institutional controls (IC) or engineering controls (EC) on a property may indicate a REC. Environmental liens or AULs should provide information on constituents of concern, potential exposure pathway(s), media controlled, and expected performed objective(s) sought for the AUL.

Mr. John Philbrick was not aware of AULs, such as ECs, land use restrictions or ICs that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law.

3.4 Specialized Knowledge and Experience

Mr. John Philbrick indicated he did have specialized knowledge of the Assessment Site or adjoining properties relating to chemicals or processes used on-site. Mr. Philbrick was aware of previous environmental investigations of the Assessment Site.

3.5 Commonly Known or Reasonably Ascertainable Information

Mr. John Philbrick was aware of commonly known or reasonably ascertainable information regarding the Assessment Site that is indicative of releases or threatened releases. Mr. Philbrick indicated fill material had been placed on the Assessment Site.

3.6 Obvious Indicators for Releases

Mr. John Philbrick as not aware of on-site releases.

3.7 Valuation Reduction for Environmental Issues

Mr. John Philbrick was not certain of the purchase price for the Assessment Site. Sale of property will be through request for proposal (RFP).

4.0 ENVIRONMENTAL RECORDS REVIEW

4.1 Environmental Database Research

The federal government and State of Kansas maintain environmental databases and records specific to reported or suspected releases of hazardous substances, pollutants or contaminants, including petroleum products and petroleum storage tanks. Various database records were accessed and searched based on site location and proximity to the subject site, relative to specific search radii prescribed by ASTM E 1527-13. This information may or may not indicate a release of hazardous substances or petroleum products in connection with a listed facility. Federal or state response actions are often documented in greater detail if environmental cleanups and/or comprehensive investigations were required to address a specific environmental condition.

Consistent with industry practice, GSI contracted EDR to perform the ASTM-required agency records/database searches and generate a report. A copy of the EDR Radius Report is provided as Appendix B. The ASTM-required reviews are outlined in the following Table 4, including search radii for each database search and the number of listed facilities identified. Additional information regarding these database systems, information sources, and individually listed facilities is provided in the EDR report.

Table 4 - EDR Summary of Environmental Database Listed Facilities

Database / Source	Search Radius (miles)	Number of Listed Facilities	Target Property	Adjacent Property
NPL	1	0		
CERCLIS	0.5	1		
CERCLIS-NFRAP	0.5	3		
CORRACTS	1	0		
RCRA-TSDF	0.5	0		
RCRA-LQG	0.25	0		
RCRA-SQG	0.25	0		
RCRA-CESQG	0.25	11		4
US ENG CONTROLS	0.5	0		
US INST CONTROL	0.5	0		
ERNS	0.001	0		
US BROWNFIELDS	0.5	5		
SHWS	1	19		1
SWF/LF	0.5	0		
LUST	0.5	39	1	8
UST	0.25	11		8
LAST	0.5	1		1
AST	0.25	1		
INST CONTROL	0.5	0		
VCP	0.5	0		
BROWNFIELDS	0.5	5		
INDIAN LUST	0.5	0		
INDIAN UST	0.25	0		
INDIAN VCP	0.5	0		
INDIAN ODI	0.5	0		
INDIAN RESERV	0.001	0		

X = Identified
NR = Not Reported
N/A = This State does not maintain a list.

4.1.1 Assessment Site

The Assessment Site was identified in the referenced databases reported by EDR, as shown in Table 4. The following information was identified:

- PARKER OIL CO INC. 123 N. SYCAMORE, LUST, UST: LUST site is closed. Two-8000 gallon (1 gasoline, 1 diesel) underground storage tanks were removed. Tanks 6 yrs old, cathodic-protected steel & showed no corrosion signs. One line trench soil sample indicated 30 ppm total petroleum hydrocarbons by field test analysis. USTs listed as permanently out of service.

4.1.2 Off-Site Listings

GSI reviewed off-site facility listings on record with EDR specific to the following conditions:

- The nature of the identified facility and specific database listing(s),
- Documented contaminant releases and regulatory status,
- Distance from the Assessment Site,
- Topographic gradient relative to the Assessment Site,
- Other pertinent facility and physical site conditions in accordance with applicable ASTM requirements, and
- Potential for impact from migration of hazardous substances or petroleum including solids and liquids at the surface, or subsurface, and vapors in the subsurface.

EDR Database listings are summarized in Table 5 and include the above referenced parameters.

Table 5 - Facility Detail Summary*

Name of the Facility	Address	Relative Gradient	Distance (feet)	Direction	Database	Status
BEARDS AUTO RPR	121 N SYCAMORE	Higher	19	Southeast	ECHO, FINDS, RCRA NonGen / NLR	Not currently generating haz-waste. No violations.
PARKER OIL CO INC	123 N. SYCAMORE , PO BOX 17383	Higher	20	ESE	LUST, UST	LUST site status closed. UST removed, permanently out of use.
SHIPLEY TIRE CO.	120 NORTH SYCAMORE	Higher	59	ESE	LUST, UST	LUST site status closed. UST removed, permanently out of use.
	120 N SYCAMORE ST	Higher	59	ESE	EDR Hist Auto	Shipley Tire Company site. Status closed.
SCOTT & LANDERS INC	200 N OSAGE	Higher	164	WSW	LUST, UST	LUST site status closed. UST removed, permanently out of use.

Name of the Facility	Address	Relative Gradient	Distance (feet)	Direction	Database	Status
	149 N OSAGE ST	Higher	228	Southwest	EDR Hist Auto	Eldons Automotive
ELDONS AUTOMOTIVE SVC	149 N OSAGE	Higher	228	Southwest	ECHO, FINDS, RCRA NonGen / NLR	Not currently generating haz-waste. No violations.
FOREIGN CAR CARE SVC	568 W DOUGLAS	Lower	289	Southeast	ECHO, FINDS, RCRA NonGen / NLR	Not currently generating haz-waste. No violations.
KEY CONSTRUCTION	302 N OSAGE	Higher	315	Northwest	LUST	LUST site status Closed. UST removed.
	559 W DOUGLAS AVE	Lower	324	Southeast	EDR Hist Auto	EDR detail shows Chet Wilson Engine Service. Site is >300 ft downgradient.
	555 W DOUGLAS AVE	Lower	335	Southeast	EDR Hist Cleaner	EDR detail shows Prestige Carpet Cleaning. Site is >300 ft downgradient.
CENTURY II SALES INC	520 W DOUGLAS (B)	Lower	366	ESE	ECHO, FINDS, RCRA NonGen / NLR	Not currently generating haz-waste. No violations.
TOTAL #1896	520 W. DOUGLAS	Lower	366	ESE	LUST, UST	LUST site status Closed. UST removed.
MEL HAMBELTON VW PEUGEOT	520 W DOUGLAS (A)	Lower	366	ESE	ECHO, FINDS, RCRA NonGen / NLR	Not currently generating haz-waste. No violations.
NICHOLS MOTORS INC	535 W DOUGLAS	Lower	401	ESE	UST, FINDS, ECHO, RCRA-CESQG	Waste oil UST removed 1989. RCRA CESQG - notice of violation issued

Name of the Facility	Address	Relative Gradient	Distance (feet)	Direction	Database	Status
						10/20/87 compliance achieved 10/20/87
RIVER EDGE BAR	579 WEST DOUGLAS	Lower	411	SSE	LUST	LUST site status Closed.
JOHN ARNOLD ASSOCIATES, INC.	741 W 2ND	Higher	413	North	LUST	LUST site status Closed. USTs removed.
KEY CONSTRUCTIO N INC	741 W 2ND	Higher	413	North	RCRA NonGen / NLR	Not currently generating haz-waste. No violations.
	124 S OAK ST	Lower	447	South	EDR Hist Auto	EDR detail indicates Export Import Auto Repair. Site is >400 ft downgradien t.
HOLTZEN WOODWORK	317 N OSAGE	Higher	456	Northwest	ECHO, FINDS, RCRA NonGen / NLR	Not currently generating haz-waste. No violations.
WATKINS INC	711 W SECOND	Higher	461	North	UST	Adjacent property north and part of Assessment Site. UST status permanently out of service, 1-4,000 gallon gasoline and 1-6,000 gallon diesel tank reported as filled in place.
WEST BANK MOTORS	825 W DOUGLAS	Higher	463	Southwes t	ECHO, FINDS, RCRA NonGen / NLR	Not currently generating haz-waste. No violations.

Name of the Facility	Address	Relative Gradient	Distance (feet)	Direction	Database	Status
DOWN TOWN AUTO SVC	720 W 2ND	Higher	506	North	ECHO, FINDS, RCRA NonGen / NLR	Not currently generating haz-waste. No violations.
BEATRICE DAIRY PRODUCTS CO.	202 N HANDLEY	Higher	522	West	UST	UST permanently out of service. 1-4,000 gallon diesel UST removed.
RYDER TRUCK RENTAL	310 N HANDLEY	Higher	541	WNW	LUST, UST, RCRA NonGen/NLR, FINDS, ECHO	LUST site status Closed. USTs permanently out of service, USTs removed.
	310 N HANDLEY ST	Higher	541	WNW	EDR Hist Auto	EDR detail indicates Bud Roat Towing & Repair. Site >500 ft upgradient. Site is currently Ryder Truck Rental.
RYDER TRUCK RENTAL	310 N HANDLEY	Higher	541	WNW	ECHO, FINDS, RCRA NonGen / NLR	Not currently generating haz-waste. No violations.
LUDEMAN INSULATION & SUPPLY	203 N. HANDLEY	Higher	562	West	SHWS, LAST	SHWS site status active. Detail indicates KDHE determined off-site contaminant source. Site detail indicates no further action recommended. LAST site status Closed.

Name of the Facility	Address	Relative Gradient	Distance (feet)	Direction	Database	Status
DON D RUTHERFORD & SONS INC	807 W 2ND	Higher	620	NNW	ECHO, FINDS, RCRA-CESQG	Facility has received notice of violation, written informal, Transporter-General, Generators-Manifest, compliance achieved, ECHO indicates no violations.
WOOTEN PRINTING	239 N HANDLEY	Higher	623	WNW	ECHO, FINDS, RCRA-CESQG	RCRA CESQG DOO1 ignitable waste. No violations.
CHET WILSON ENGINE SVC	343 N OSAGE	Higher	645	NNW	ECHO, FINDS, RCRA-CESQG	RCRA CESQG DOO1 ignitable waste. No violations.
	343 N OSAGE ST	Higher	645	NNW	EDR Hist Auto	EDR detail indicates Schottler Engine Service, Fmr Chet Wilson Engine Service site. Site located .650 ft upgradient.
MYCRO-TEK, INC.	820 W 2ND	Higher	676	NNW	ECHO, FINDS, RCRA NonGen / NLR	RCRA CESQG DOO not defined and D002 corrosive waste. No violations.
INTERNATIONAL CYCLING PRODUCTS INC	929 W DOUGLAS	Higher	746	Southwest	ECHO, FINDS, RCRA-CESQG	RCRA CESQG DOO1 ignitable waste and D008 lead waste. No violations. ECHO no violations.

Name of the Facility	Address	Relative Gradient	Distance (feet)	Direction	Database	Status
CAR COLOR INC	902 W 2ND	Higher	955	Northwest	ECHO, FINDS, RCRA-CESQG	RCRA CESQG DOO1, F001, F002, F003, F005, No violations.
GOOLSBY PERFORMANCE TRANSMISSION	521 N HANDLEY	Higher	1015	Northwest	ECHO, FINDS, RCRA NonGen / NLR	Not currently generating haz-waste. No violations. ECHO-no violations.

Details for adjoining, directly up-gradient (based on regional topography), and other properties with potential environmental implications are summarized as follows if they were deemed as "significant" by the Environmental Professional. These discussions are generally based on information obtained from the EDR report, as supplemented by experience and judgment of the Environmental Professional.

Site Name:	WATKINS INC
Address:	711 W SECOND
Databases:	UST
Comments:	UST records indicated one-4,000 gallon gasoline and one-6,000 gallon diesel tank were in service at the site circa 1976-1979. The tanks are reported as filled in place. Closure records do not provide a date of closure. UST status is listed as permanently out of service. State UST closure regulations allow tanks to be filled in place. No additional records were located.

Site Name:	PARKER OIL CO INC
Address:	123 N. SYCAMORE, PO BOX 17383
Databases:	LUST, UST
Comments:	LUST site is closed. Two-8000 gallon (1 gasoline, 1diesel) underground storage tanks were removed. Tanks 6 yrs old, cathodic-protected steel & showed no corrosion signs. One line trench soil sample indicated 30 ppm total petroleum hydrocarbons by field test analysis. USTs listed as permanently out of service.

Site Name:	SHIPLEY TIRE CO.
Address:	120 NORTH SYCAMORE
Databases:	LUST, UST
Comments:	Routine tank removal 1-4000 gallon gasoline underground storage tank. All field test analyses from excavation tested well within accepted limits. LUST status is closed. USTs listed as permanently out of use.

Site Name:	SCOTT & LANDERS INC
Address:	200 N OSAGE
Databases:	LUST, UST
Comments:	One-2,000 gallon gasoline tank was removed in 1990. No leakage incident.no gasoline odors or stains were encountered during the removal. TPH levels were non-detectable in 2 soil samples.LUST site status is closed. UST listed as permanently out of service.

Site Name:	KEY CONSTRUCTION
Address:	302 N OSAGE
Databases:	LUST
Comments:	One-4000 gal gas UST removed. One soil sample from 25ft indicated 50 ppm TPH. no further action. LUST site status is closed.

Site Name:	TOTAL #1896
Address:	520 W. DOUGLAS
Databases:	LUST, UST
Comments:	Two-10,000 & 1-6000 gallon gasoline underground storage tanks were removed. One soil sample from 15 ft was non-detectable. About 200 yds of contaminated soil (800 ppm total petroleum hydrocarbons) removed & being remediated at Carter Excavating Landfarming in Kechi.

Site Name:	RIVER EDGE BAR
Address:	579 WEST DOUGLAS
Databases:	LUST
Comments:	During tank removal, one soil sample from about 11' 6 ft. depth of UST basin #1 indicated TPH = N.D. A soil sample from 11 ft. depth of UST basin #2 indicated TPH level of 200 ppm and a composite soil sample from the stockpiles indicated TPH level of 300 ppm. Site enrolled in KDHE LUST program for additional assessment. LUST site status is closed.

Site Name:	JOHN ARNOLD ASSOCIATES, INC.
Address:	741 W 2ND
Databases:	LUST
Comments:	Two-750 gal usts & lines removed, no petroleum odors or stains were encountered. the tanks showed signs of pitting and scaling but no actual breaches were discovered. LUST site status is closed.

Site Name:	RYDER TRUCK RENTAL
Address:	310 N HANDLEY
Databases:	LUST, UST
Comments:	Two-2000 gal & 1-4000 gal ust & lines removed. 940 tons soil removed for offsite remediation. Lab analysis on confirmation samples-ND. GW monitoring well installed. 11/12/92: monitor wells samples were ND 9/93 no further work required by KDHE. LUST site status is closed.

Site Name:	LUDEMAN INSULATION & SUPPLY
Address:	203 N. HANDLEY
Databases:	SHWS, LAST
Comments:	KDHE performed a Site Evaluation in November of 2010 to determine the source of PCE in the monitoring wells at the site. On November 17, 2010, four groundwater samples were collected northwest and upgradient of Ludeman Insulation & Supply and one sample was collected from a monitoring well southwest of the property. PCE was detected in two samples above RSK at a maximum of 5.9 mg/L. TCE and cis 1,2-DCE were detected below RSK levels. The detections of PCE appear to be attributable to the plume from the Four Seasons dry cleaner site. No further action was recommended for Ludeman Insulation & Supply.

4.1.3 Additional Environmental Record Sources

In accordance with ASTM Standard E 1527-13, GSI evaluated additional environmental records from Regulatory Agency databases. These may or may not be listed on the EDR report based on if there was missing or incomplete geographical location information. GSI searched the KGS Water Well Database and KGS OIl and Gas Well Database, Sections 19 and 20, Township 27 South, Range 1 East, Sedgwick County, KS.

Water Well Records - Water well records from the Kansas Geological Survey were obtained by EDR. The search encompassed an approximate 0.5-mile radius area from the Assessment Site. Refer to Appendix B for the EDR Radius Map with GeoCheck Report. GSI searched the KGS online database for additional water well information. This information is included in Appendix C. A review of the water well records within a 0.5-mile is summarized on Table 6.

Oil and Gas Well Records - Oil and gas well records from the Kansas Geological Survey were reviewed online by GSI. The search encompassed a approximately 0.5-mile radius area from the Assessment Site. This information is included in Appendix C.

Previous Investigations - GSI reviewed previous investigation and news articles pertaining to the Assessment Site and surrounding area. Documents reviewed included:

- The Hunt For the Dump, Wichita Eagle, July 1977
- Limited Phase II ESA, Watkins Steel Company - 711 W. 2nd Street, Terracon, December 2000
- Phase II Brownfield Targeted Assessment Report, City of Wichita Brownfield Targeted Assessment, Former Missouri Pacific Rail Road Corridor - Delano District, Geotechnical Services, Inc., June, 2005
- Environmental Assessment - Phase I, 711 W. Second Street Property - Wichita, KS, Allied Environmental Consultants, Inc., June, 2008
- Phase I Targeted Brownfields Assessment, 711 W. 2nd Street N., Wichita, KS, Seagull Environmental Technologies, Inc., October, 2010
- Phase II Targeted Brownfields Assessment, 711 W. 2nd Street N., Wichita, KS, Seagull Environmental Technologies, Inc., June, 2011

Table 6 - Water Well Record Summary (0.5-Mile Radius)

Well Type	Number of Wells	Notable Comments
Public Water Supply	0	
Domestic Wells	135	Includes domestic and lawn and garden-domestic only classification.
Monitoring Wells	287	Includes monitoring/observation/piezometer, injection well/air sparge (AS)/shallow, and recovery/soil vapor extraction/soil vent well classification.
Other Wells	42	Includes Industrial, Dewatering, Air Conditioning, and other (not identified) classification.
Abandoned Wells	19	Includes plugged wells listed as Other.

One abandoned oil and gas well was located within a 0.50 mile radius from the Assessment Site. No oil and gas wells were identified within the Assessment Site boundaries.

The Hunt For the Dump, Wichita Eagle, July 1977 article names adjacent property to east (Parcel 1B) as potential historic landfill site. No further documentation provided.

Limited Phase II ESA, Watkins Steel Company - 711 W. 2nd Street, Terracon, December 2000, Includes portion of Assessment Site and adjacent property north, No significant environmental concerns identified.

Phase II Brownfield Targeted Assessment Report, City of Wichita Brownfield Targeted Assessment, Former Missouri Pacific Rail Road Corridor - Delano District, Geotechnical Services, Inc., June, 2005, Report identifies PAH soil impact exceeding KDHE RSK residential value on railroad right-of-way adjacent east (Parcel 1B) of Assessment Site.

Environmental Assessment - Phase I, 711 W. Second Street Property - Wichita, KS, Allied Environmental Consultants, Inc., June, 2008, Includes portion of assessment Site and adjacent property to north. No RECs identified, references previous Limited Phase II ESA.

Phase I Targeted Brownfields Assessment, 711 W. 2nd Street N., Wichita, KS, Seagull Environmental Technologies, Inc., October, 2010, Phase I ESA includes Delano Catalyst Site Parcel 1A and 1B and property adjacent east of Parcel 1B. Identified the following RECs:

- 4,000 and 6,000 gallon USTs abandoned on-site Watkins Inc.
- Industrial development and railroad corridor dating back to 1935 indicating potential presence of fill and demolition debris, industrial contamination associated with historic land use.
- Adjacent and nearby documented petroleum product or other hazardous materials releases potentially affecting the Assessment Site.

Phase II Environmental Assessment recommended.

Phase II Targeted Brownfields Assessment, 711 W. 2nd Street N., Wichita, KS, Seagull Environmental Technologies, Inc., June, 2011, Phase II ESA included collection of 10 surface soil samples, 14 subsurface soil samples and 8 groundwater samples. VOC, PAH, TPH-DRO, TPH-GRO and RCRA metals impact evaluated through laboratory analysis. Confirmed VOCs, PAH, TPH-DRO and RCRA metals impact within the project boundaries. PAH compounds (benzo(a)anthracene at 13.3 milligrams per kilogram (mg/kg) and benzo(a)pyrene at 12.6 mg/kg) were confirmed. PAH contamination was attributed to historic industrial operations and appeared to be limited to a relatively small area of the Assessment Site, as indicated on Figure 3 in appendices. PAH concentrations exceeded KDHE RSK residential levels of 10.9 mg/kg (benzo(a)anthracene) and 1.09 mg/kg (benzo(a)pyrene). Detection of VOCs, TPH-DRO and RCRA metals were all below KDHE RSK residential scenario values.

4.2 Local Agency Reviews

GSI contacted local agencies and reviewed additional land use records to better assess property conditions and the potential for environmental impacts in accordance with the ASTM standard. These efforts were pursued with particular focus on petroleum and/or hazardous materials use and storage, documented spills or related response actions, and environmental assessments and/or cleanups on or adjoining the assessment site. The following agencies were contacted for related files and general reference information. Report user questionnaires, records of communication and records of review are presented in Appendix D.

4.2.1 County Appraiser/Assessor

GSI researched the Sedgwick County Assessor/Appraiser's on-line database to obtain property records associated with the Assessment Site. These records identify the parcel numbers, owner name and appraised value of land associated with the Assessment Site. This information is presented in Table 1. Copies of the property record cards associated with the Assessment Site is provided in Appendix F.

4.2.2 County Register of Deeds Office

GSI reviewed land use records and other recorded records on file with the Sedgwick County, Kansas Register of Deed's Office to further evaluate land use and potential environmental restrictions in accordance with ASTM requirements. Records were reviewed specific to Assessment Site and are included in Appendix F.

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4.2.3 Limited Title Review

GSI contracted with Kansas Secured Title to conduct 75 year chain-of-title review to further establish environmental conditions and historical land use consistent with the ASTM Standard. GSI reviewed basic title and parcel records provided by Kansas Secured Title to identify potentially significant conditions or restrictions in connection with the property. County Lot and Block index records dating back to 1941 or prior were reviewed as provided through parcel-specific information requests. More exhaustive title reviews or legal research was not

performed under the Client-authorized Scope of Services. Please refer to Appendix F for copies of pertinent records.

4.3 Historical Land Use Records

Historical land use maps and city directories were reviewed to further assess land use conditions and specific developments over time. These resources were obtained, reviewed and documented consistent with Phase I ESA industry practice and specific ASTM requirements.

GSI reviewed available Sanborn maps, aerial photographs, topographic maps, and city directories in systematic increments (generally every 5 to 10 years) from 2015 dating back to the late 1800s. Certain reviews were conducted in less frequent increments due to the availability of these publications. For consistency in presentation, these records were provided by EDR similar to the database research previously discussed.

It should be noted that the dates and timelines provided are reasonably accurate as verified thorough cross-references and supplemental research. Certain years of reference and timelines may be approximate. Duplicative or similar findings have been summarized to the extent practical using readily available records. Continuous or similar use may be assumed to a reasonable degree, absent of historical documentation to the contrary. City directory reviews were based on several factors including the addresses observed during site reconnaissance and address listings available through City mapping systems.

Table 7 provides a summary of land use research and historical developments on and adjoining the subject site. Appendix E provides copies of the individual EDR reports with additional details pertaining to specific historical references and the individual years reviewed.

Table 7 - Summary of Historical Land Use Records

Year	Assessment Site	Adjoining Properties	Source
1887-1897	Platted properties, with limited commercial and residential development including, Ft. Scott elevator (closed) and coal sheds along railroad tracks. Ft. Scott Elevator	Limited development of commercial and residential properties. Stock Yard and Ackerman & Co. Packing House adjacent to east (Parcel 1B). Packing house no longer indicated in 1892, Stock yard not indicated 1897.	Insurance Maps
1889-1894	Located in partially developed area of Wichita.	Located in partially developed area of Wichita.	Topographic Maps
1903-1914	Platted land, with no apparent structures.	Adjacent land to east indicated as "River Bottom Land". Mixed commercial and residential development.	Insurance Maps
1935	Area north of railroad remains undeveloped platted land. Commercial development south of railroad includes Home Insulation & Roofing	Mixed residential/commercial to south, adjacent east and north vacant, west adjacent commercial/industrial including Crystal Ice and Fuel, West Side Coal Co. Buried fuel oil tanks indicated south of railroad, adjacent east.	Insurance Maps
1942	Wichita Trailer Coach Co. 121 Sycamore, Friend Wool & Fur Co. 127 Sycamore, Midland Housing Co. insulation materials 201 Sycamore.	Geo. Walker Co. Fuel 116 Sycamore.	City Directories
1943	No structures indicated.	No structures indicated.	Topographic Maps

Year	Assessment Site	Adjoining Properties	Source
1950-1964	Undeveloped north of railroad. Southeast corner developed south of railroad, Junk company, Friend Wool & Fur, Office.	Geo. E. Walker Fuel Co. adj. east, Lawrence Lumber Co. adj. west, mattress and furniture factories adj. south of railroad. Watkins Inc. steel Fabrication shop adj. north.	Insurance Maps
1955	Howard L. Parker Oil Co. 121 Sycamore, Genl Metals Co. 127 Sycamore, Bira Roofing Co. 201 Sycamore.	Re-Con Inc. barrel dealers 116 Sycamore.	City Directories
1956	No structures indicated.	Two structures indicated on adj. north property. Correspond with Watkins Steel listing City directory.	Topographic Maps
1960-1985	Portion of Watkins Steel facility indicated on Assessment Site near north boundary. Structures apparent at southeast corner and southwest corner, consistent with more recent aerials.	Watkins Steel facility apparent to north. Adj. west, south developed consistent with more recent aerials. Railroad spur apparent north of main tracks adj. east. Activity indicated north of main rail line 1981.	Aerial Photographs
1961- 1982	No structures indicated.	Watkins Steel facility structures apparent adj. north. Railroad spur indicated adj. east.	Topographic Maps
1964-1968	Howard L. Parker Oil Co. 121-123 Sycamore, E. H. Henry Co. contrs. 127 Sycamore, 201 Sycamore address no longer listed.	Drumco Inc. steel products 116-30 Sycamore.	City Directories
1973 - 1983	Parkers Vickers Service No. 1 121 Sycamore, Parker Oil 123 Sycamore, E.H. Henry Co. 127 Sycamore	Weyl-Bausch Tire, Inc. 120 Sycamore.	City Directories
1981	Assessment Site remains the same.	Adj. east property appears altered. Aerial photo resolution not sufficient to identify activity.	Aerial Photographs
1988	Parker Oil 121 and 123 Sycamore, E. H. Henry 127 Sycamore	Shipley Tire 120 Sycamore.	City Directories
1991- 1996	Assessment Site remains the same.	Railroad spur no longer apparent on adj. east property north of main rail line.	Aerial Photographs
1992	Alcoholics Anonymous 123 Sycamore, E.H. Henry Co. 127 Sycamore. 121 Sycamore not listed	All Makes Body Parts 120 Sycamore.	City Directories
1995-1999	Mr. Detail 121 Sycamore, Alcoholics Anonymous 123 Sycamore, E.H. Henry Co. 127 Sycamore.	Brush and Board Hardwoods 120 Sycamore.	City Directories
2003-2005	Assessment Site remains the same.	Adj property to east altered. Realignment of McClean Blvd and construction of Exploration Place further northeast apparent 2003.	Aerial Photographs
2003-2008	Alcoholics Anonymous 123 Sycamore, E.H. Henry Co. 127 Sycamore. 121 address not listed.	D&R Fun Carts 120 Sycamore,	City Directories

Year	Assessment Site	Adjoining Properties	Source
2005-2008	Assessment site appears disturbed, unidentified material storage apparent. Portion of Watkins Steel facility no longer apparent on Assessment Site.	South building at Watkins Steel no longer present.	Aerial Photographs
2010-2012	Assessment Site remains same. Storage of unidentified material apparent.	Watkins Steel buildings no longer apparent. Storage on unidentified material is apparent.	Aerial Photographs
2013	E.H. Henry Co. 127 Sycamore, 121 and 123 addresses not listed.	120 Sycamore no longer listed.	City Directories

5.0 FIELD RECONNAISSANCE

The field reconnaissance consisted of visual observation and assessment of the readily accessible interior and exterior portions of the Assessment Site per the requirements of the ASTM Standard. The purpose of the reconnaissance was to note visual or other evidence of existing or potential contamination on site from ongoing or historical practices. GSI field personnel systematically walked accessible areas of the Phase I property and observed adjoining properties from public vantage points. Photographic documentation of the inspection is included as Appendix A of this report. Credentials of the individual(s) planning and conducting the field reconnaissance are included in Appendix G. General information regarding the field reconnaissance is presented in Table 8.

Table 8 - General Information of Field Reconnaissance

Field Reconnaissance	Information
GSI Inspector	Gregg Armstrong / Mike Balleau
Field Reconnaissance Date/Time	March 17, 09:30
Weather Conditions	Overcast, 60 degree F
Assessment Site Contact/Title	John Philbrick, City of Wichita
Limitations	**Description**
Were there limitations/alterations in performing the field reconnaissance on the Assessment Site?	E. H. Henry property not entered.

Table 9 provides pertinent observations made by the GSI inspector during the field reconnaissance. Affirmative responses are designated by a "Yes" and are discussed in more detail in the summary below. Items or features not present are designated by a "No." The designation "N/A" is used when information regarding an item or feature was not available.

Table 9 - Summary of Field Reconnaissance Observations

PROPERTY CONDITION OR FEATURE	OBSERVED ON SITE
SITE OPERATIONS AND EQUIPMENT	Vacant Land, no operations or equipment.
- Emergency generators and/or generator fuel tanks	No
- Elevators / shafts	No
- Air compressors	No
- Hydraulic lifts or other hydraulic equipment	No
ABOVEGROUND STORAGE	No
- Evidence of aboveground storage tanks	No
- Drums, barrels and/or containers greater than or equal to 5 gal.	No
- Cleaning and/or similar household supplies	No
- MSDS sheets or other chemical inventory documentation	No
UNDERGROUND STORAGE & COLLECTION SYSTEMS	
- Evidence of USTs or ancillary UST equipment	No
- Sumps, cisterns, catch basins or subgrade drainage systems	No
- Grease traps, septic tanks, leach fields, separators	No
- Pipeline markers	Transcontinental Cable marker south end property.
- Interior floor drains	No
FACILITY SYSTEMS & ELECTRICAL	Vacant Land. No facility systems or electrical.
- Pad or pole mounted transformers and/or capacitors	No

PROPERTY CONDITION OR FEATURE	OBSERVED ON SITE
- Fluorescent lighting or other electrical equipment	No
- Cooling towers or boilers or other heating/cooling systems	No
- Compressor blowdown or other ventilation systems	No
- Evidence of fuel oil tanks or similar	No
- Evidence of a potential contaminant release	No
- Stained interior surfaces	No
- Stressed vegetation or stained soil, or similar	Yes
- Stained interior surfaces	No
- Visible leaching and/or waste seeps	No
- Unmaintained trash, debris, tires or other solid waste	Yes
- Apparent dumping or disposal areas	No
- Surface water discoloration, odors, sheen, or other impacts	No
- Exterior pipe discharges and/or other effluent discharges	No
- Laboratory hoods, incinerators, or elevated stacks	No
- Waste, water treatment or remediation systems	No
ALTERED PHYSICAL SITE CONDITIONS	
- Surface impoundments, ponds, lagoons, or similar	No
- Mines, quarries, mounds, fills/rubble, or borrow pits	Yes
- Water wells, oil/gas wells, mine shafts or other structures	No
- Mounded surfaces, subsidence and/or grading cut/fill areas	No

The majority of the Assessment Site is vacant land. Structures associated with E. H. Henry Construction are located near the southeast corner of the Assessment Site. Historic land use records indicate this portion of the Assessment Site was first developed circa 1935.

5.1 Summary of On-Site Observations

This section includes a narrative summary of the significant on-site observations made by the GSI inspector as highlighted in Table 9 (above).

- Pipeline or underground utilty markers - Transcontinental Cable marker along north side of vacated street.

- Stressed vegetation or stained soil, or similar - Sparse vegetation was observed along apparent former drives. Sand, crushed brick and concrete not consistent with anticipated natural soil were observed across the site, likely contributing to sparse vegeation conditions. Presence of the sand and crushed brick/concrete does not constitute a REC; however, this is indicative of potential placement of fill material. Presence of fill material from an undocumented source area is considered a REC.

- Unmaintained trash, debris, tires or other solid waste - Miscellaneous trash and debris was observed througout the Assessment Site. This does not constiture a REC.

- Mines, quarries, mounds, fills/rubble, or borrow pits - Crushed concrete and brick material and/or course sand was observed at the surface over much of the Assessment Site, indicating the area may have been partially paved or used for equipment or material storage.

5.2 Summary of Adjoining Property Observations

This section includes a narrative summary of the significant observations of adjoining property made by the GSI inspector as highlighted in Table 9 (above).

- Mounds of soil and/or rubble were observed on adjacent north property. Historic review confirms demolition of buildings formerly located in the area of the mounds. The presence of unidentified fill material is considered a REC.

- Remnants of what appear to be large concrete pads were observed on east adjacent property. These concrete features may be remants of infrastructure associated with a railroad siding apparent on historic documents from 1904 through 1980.

6.0 INTERVIEWS

In accordance ASTM requirements, GSI contacted current owner/occupant representatives, previous owner/operator representatives, and local representatives as reasonably accessible within the timeline and scope of the Phase I ESA. Phase I ESA interviews and related findings are summarized in Table 10. Signed questionnaires are included in Appendix D.

Table 10 - Interview Documentation

Role	Local Health Department Official
Name	Doris Leslie
Title	Environmental Assessment and Remediation Specialist
Representing	City of Wichita
Date of Interview	March 16, 2016
Summary of Significant Findings	Ms. Leslie provided copies of previous investigations relative to the Assessment Site and discussed results and environmental concerns identified through previous studies. Ms. Leslie confirmed that a portion of the former Watkins Steel facility extended onto the Assessment Site at the north boundary. This area was formerly used for material storage. The adjacent east property (Parcel 1B) may have been used as a landfill at some time. Ms. Leslie stated concrete rubble and/or pads were apparent at various locations across the site. Ms. Leslie was not aware of any documented incidents occurring on the Assessment Site.

7.0 FINDINGS AND OPINIONS OF ENVIRONMENTAL PROFESSIONAL

Assessment Site Description -The Assessment Site is comprised of 8 individual parcels occupying approximately 5 acres. The site is bound on the north by vacant land, formerly occupied by Watkins, Inc., on the west and south by commercial properties, and on the east by N. Sycamore St. Delano Catalyst Site Parcel 1B is adjacent east of N. Sycamore. Parcel 1 B is vacant land. A portion of the former Watkins Inc. facility extended onto the north portion of the Assessment Site. Based on historic documents, the area was occupied by a crane used for material handling. All infrastructure from the former Watkins, Inc. facility has been removed from the Assessment Site. An un-paved street crosses the southern portion of the Assessment Site from east to west. The street occupies a former railroad right-of-way. The railroad was present from the late 1800s to mid-1970s. E.H. Henry Construction Co. buildings are located near the southeastern corner of the Assessment Site. No other improvements are present on the Assessment Site.

The Assessment Site has been platted since the late 1800s, with first apparent development occurring circa 1935, when structures were indicated on Sanborn Maps near the southeast corner of the Assessment Site. Structures appearing on the 1935 Sanborn map are consistent with the location of structures observed on subsequent Sanborn Maps and aerial photographs. Watkins Steel infrastructure first appears on Sanborn Maps in 1950. Watkins, Inc. infrastructure on the Assessment Site is apparent on 1960 aerial photography.

Historic property use includes Watkins, Inc. from 1930 to 2005 and various industrial and commercial businesses inlcuding E. H. Henry Co., Former Parker Oil, Home Insulation & Roofing, Friend Fur and Wool Co., and Midland Housing Co. Insulation at the southeast corner from 1930s to present. Historic industrial use and the presence of the railroad corridor represent recognized environmental conditions (RECs) with respect to the Assessment Site. Previous Phase I and Phase II ESAs including all or portions of the Assessment Site and adjacent properties did not identify significant RECs or environmental conditions affecting the Assessment Site except PAH compounds, a by-product of incomplete hydrocarbon combustion, detected at one location within the Assessment Site boundaries.

Environmental Records Review - The Assessment Site was listed on the following regulatory databases reviewed as a part of this ESA.

- PARKER OIL CO INC. 123 N. SYCAMORE, LUST, UST: Parker Oil formerly occupied the E. H. Henry property. LUST site status is closed, indicating contamination is no longer present, or residual concentrations are below KDHE action levels. Two-8000 gallon (1 gasoline, 1 diesel) underground storage tanks were removed. Tanks 6 yrs old, cathodic-protected steel & showed no corrosion signs. One line trench soil sample indicated 30 ppm total petroleum hydrocarbons by field test analysis. USTs listed as permanently out of service. This facility is considered a HREC.

The following adjacent and nearby properties were listed on the regulatory databases reviewed as a part of this ESA:

- WATKINS INC., 711 W SECOND, UST: UST records indicated one-4,000 gallon gasoline and one-6,000 gallon diesel tank were in service at the site circa 1976-1979. The tanks are reported as filled in place, meeting KDHE UST tank closure requirements; however, no KDHE Buried Tank Leak Assessment was recorded. UST status is listed as permanently out of service. State UST closure regulations allow tanks to be filled in place. No additional records were located. This facility was identified as a REC in the previous Phase I ESA (October 2010), with further investigation recommended. Phase II ESA (August 2011) concluded TPH-GRO and TPH-DRO, petroleum related compounds anticipated to represent gasoline and diesel contamination resulting from UST releases, were not present at significant concentrations on the property and concluded further investigation was not warranted. GSI located UST records documenting registration of the USTs as filled and permanently out of use in the KDHE UST database system, meeting UST tank closure requirements. Based on this information and the results of previous Phase II soil and groundwater sampling and analysis results indicating no

significant petroleum impact further investigation does not appear to be warranted. This facility is considered a REC based on documented presence of petroleum USTs located on adjacent and anticipated upgradient property; however, based on the results of previous Phase II investigation, no further investigation related to this facility is warranted.

- SHIPLEY TIRE CO., 120 NORTH SYCAMORE, LUST, UST: One-4000 gallon gasoline underground storage tank was removed. All field test analyses from excavation tested within KDHE accepted limits. LUST site status is closed, indicating contamination is no longer present, or residual concentrations are below KDHE action levels. USTs listed as removed and permanently out of use. This facility is located down gradient from the Assessment Site and is not considered to be REC or HREC relative to the Assessment Site.

- SCOTT & LANDERS INC, 200 N OSAGE, LUST, UST: One-2,000 gallon gasoline tank was removed in 1990. No leakage incident.no gasoline odors or stains were encountered during the removal. TPH levels were non-detectable in 2 soil samples. LUST site status is closed, indicating contamination is no longer present, or residual concentrations are below KDHE action levels. USTs are indicated as removed and permanently out of service. This facility is located adjacent east of the Assessment Site and is considered to be a HREC.

- KEY CONSTRUCTION, 302 N OSAGE, LUST: One-4000 gallon gas UST removed. One soil sample from 25 ft indicated 50 ppm TPH. No further action recommended by KDHE. LUST site status is closed. This facility is located upgradient from the Assessment Site and has been closed, indicating KDHE LUST program compliance. Therefore, the facility is considered to be a HREC.

- TOTAL #1896, 520 W. DOUGLAS, LUST, UST: Two-10,000 & 1-6000 gallon gasoline underground storage tanks were removed. One soil sample from 15 ft was below detection limits. Aproximately 200 yds of contaminated soil (800 ppm TPH) was removed & transported for off-site remediation. This facility is located down gradient from the Assessment Site and has been closed, indicating KDHE LUST program compliance. Therefore, the facility is not considered to be REC or HREC.

- RIVER EDGE BAR, 579 WEST DOUGLAS, LUST: During tank removal, one soil sample from approximately 11' 6 ft. depth at UST basin #1 indicated TPH below detection limits. A soil sample from 11 ft. depth at UST basin #2 indicated TPH level of 200 ppm and a composite soil sample from the stockpiles indicated TPH level of 300 ppm. Site enrolled in KDHE LUST program for additional assessment. This facility is located down gradient from the Assessment Site and has been closed, indicating KDHE LUST program compliance. Therefore, the facility is not considered to be REC or HREC.

- JOHN ARNOLD ASSOCIATES, INC., 741 W 2ND, LUST: Two-750 gal USTS & lines were removed, no petroleum odors or stains were encountered. the tanks showed signs of pitting and scaling but no actual breaches were discovered. LUST site status is closed, indicating contamination is no longer present, or residual concentrations are below KDHE action levels. USTs are indicated as removed and permanently out of service.This facility is located adjacent east of the Assessment and is considered to be a HREC.

- RYDER TRUCK RENTAL, 310 N HANDLEY, LUST, UST: Two-2000 gallon and one-4000 gallon UST & lines were removed. 940 tons soil removed for offsite remediation. Lab analysis on confirmation samples from excavation were below detection limits. Groundwater monitoring wells samples were below detection limits, and no further work was required by KDHE. This facility is located adjacent east of the Assessment Site and has been closed, indicating KDHE LUST program compliance. The facility is considered to be a HREC.

- LUDEMAN INSULATION & SUPPLY, 203 N. HANDLEY, SHWS, LAST: KDHE performed a Site Evaluation in November of 2010 to determine the source of PCE

detected in monitoring wells at the site. Four groundwater samples were collected northwest and upgradient of Ludeman Insulation & Supply and one sample was collected from a monitoring well southwest of the property. PCE was detected in two samples above KDHE RSK residential values at a maximum of 5.9 mg/L. TCE and cis 1,2-DCE were detected below KDHE RSK residential levels. The detections of PCE were attributed to the contaminant plume from an off-site source. No further action was recommended by KDHE for Ludeman Insulation & Supply. This facility is located cross gradient from the Assessment Site and no further investigation has been recommended. Therefore, the facility is not considered to be REC or HREC.

Client Provided Records - The City of Wichita provided copies of previous environmental studies and reports relative to the Assessment Site. Findings and conclusions developed through review of these documents are summarized at Section 4.1.3. Previous Phase I and Phase II ESAs including all or portions of the Assessment Site and adjacent properties did not identify significant RECs or environmental conditions affecting the Assessment Site, with the exception of PAH compounds detected at one location within the Assessment Site boundaries. Phase II ESA completed in 2011 confirmed PAH compounds (benzo(a)anthracene at 13.3 milligrams per kilogram (mg/kg) and benzo(a)pyrene at 12.6 mg/kg) on the Assessment Site. PAH impact was attributed to historic industrial operations and appeared to be limited to a relatively small area of the Assessment Site. PAH concentrations exceeding KDHE RSK residential levels of 10.9 mg/kg (benzo(a)anthracene) and 1.09 mg/kg (benzo(a)pyrene) are considered a REC. The approximate location of confirmed PAH impact is indicated on Figure 3 in appendices.

Field Reconnaissance - Transcontinental Cable marker along north side of vacated street (former railroad corridor) indicates the presence of underground utilities on the Assessment Site. Underground utilities may present a risk during site development if development requires excavation activities. The indicated utility type would not present a risk for release of hazardous substances or petroleum products. Sparse vegetation was observed along apparent former drives. Sand, crushed brick and concrete not consistent with anticipated natural soil were observed across the site, likely contributing to sparse vegetation conditions. Presence of fill material from an undocumented source area is considered a REC; however, previous soil and groundwater sampling and analysis completed as a part of Phase II ESA and Limited Phase II ESAs did not indicate significant impact to soil and groundwater on the Assessment Site. De minimis miscellaneous trash and debris was observed throughout the Assessment Site. De minimis conditions are not considered RECs.

Interviews - Mr. John Philbrick completed Report User and Property Owner questionnaires regarding specialized knowledge of environmental and/or other significant conditions associated with the Assessment Site. Mr. John Philbrick was not aware of AULs, such as ECs, land use restrictions or ICs that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law. Mr. Philbrick was aware of previous environmental studies and/or reports related to the Assessment Site. Copies of these documents were available upon request from the City of Wichita and were reviewed as a part of this ESA.

Business Environmental Risks - Underground utilities located on the Assessment Site should be considered with respect to planned property development. Portions of the Assessment Site have been used for industrial purposes from 1930 to approximately 2005. Watkins, Inc. infrastructure was demolished and rubble and demolition debris may remain onsite, affecting site excavation and grading activities. Two USTs are reportedly filled-in-place on former Watkins, Inc. property.

8.0 CONCLUSIONS

GSI has performed a Phase I ESA in conformance with the scope and limitations prescribed by ASTM Practice E 1527-13 of the Assessment Site located at SW corner Sycamore & McLean in Wichita, Sedgwick County, KS. Exceptions to, or deletions from, this practice are described in Section 1.2 and 1.3 of this Phase I ESA Report.

This Phase I ESA has revealed the following RECs and HRECs with respect to the Assessment Site :

- Phase II ESA completed in 2011 confirmed PAH compounds (benzo(a)anthracene at 13.3 milligrams per kilogram (mg/kg) and benzo(a)pyrene at 12.6 mg/kg) at one location on the Assessment Site. PAH impact was attributed to historic industrial operations and appeared to be limited to a relatively small area of the Assessment Site. PAH concentrations exceeding KDHE RSK residential levels of 10.9 mg/kg (benzo(a)anthracene) and 1.09 mg/kg (benzo(a)pyrene) are considered a REC.

- WATKINS INC., 711 W SECOND, UST: This facility was identified as a REC in the previous Phase I ESA (October 2010), with further investigation recommended. Phase II ESA (August 2011) concluded TPH-GRO and TPH-DRO, petroleum related compounds anticipated to represent gasoline and diesel contamination resulting from UST releases, were not present at significant concentrations on the property and concluded further investigation was not warranted. GSI located UST records documenting registration of the USTs as filled and permanently out of use in the KDHE UST database system, meeting UST tank closure requirements. Based on this information and the results of previous Phase II soil and groundwater sampling and analysis results indicating no significant petroleum impact further investigation does not appear to be warranted. This facility is considered a REC based on documented presence of petroleum USTs located on adjacent and anticipated upgradient property; however, based on the results of previous Phase II investigation, no further investigation related to this facility is warranted.

- PARKER OIL CO INC. 123 N. SYCAMORE, LUST, UST: Parker Oil formerly occupied the E. H. Henry property. LUST site status is closed, indicating contamination is no longer present, or residual concentrations are below KDHE action levels. USTs are indicated as removed and permanently out of service.This facility is considered a HREC.

- SCOTT & LANDERS INC, 200 N OSAGE, LUST, UST: LUST site status is closed, indicating contamination is no longer present, or residual concentrations are below KDHE action levels. USTs are indicated as removed and permanently out of service. This facility is considered a HREC.

- JOHN ARNOLD ASSOCIATES, INC., 741 W 2ND, LUST: LUST site status is closed, indicating contamination is no longer present, or residual concentrations are below KDHE action levels. USTs are indicated as removed and permanently out of service. The facility is considered to be a HREC.

- RYDER TRUCK RENTAL, 310 N HANDLEY, LUST, UST: LUST site status is closed, indicating contamination is no longer present, or residual concentrations are below KDHE action levels. USTs are indicated as removed and permanently out of service. The facility is considered to be a HREC.

.
The identified REC and HREC locations are indicated on Figure 3 in appendices.

9.0 RECOMMENDATIONS

Based on the limited information gathered during this Phase I ESA, performed in accordance with pertinent ASTM Standards, GSI recommends further investigation to fully delineate the horizontal and vertical extent of PAH impact near the area of SB-10 soil sample location, as identified in the document titled *Phase II Targeted Brownfields Assessment Report, 711 W. 2nd Street North Site*, *Wichita, Kansas*, Seagull Environmental Technologies Inc., August 17, 2011. The approximate location of SB-10 is indicated on Figure 3 in appendices. Sample analysis laboratory detection limits must be below applicable KDHE RSK values for residential use scenarios.

10.0 PHASE I ESA DATA GAPS

As defined in ASTM E1527-13 a data gap is "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information". The following data gaps were identified:

Time gaps of more than 5 years were present in available historical documents. Given consistent observed use of the Assessment Site and adjacent properties over the time frame of historic review, the lack of 5-year incremental documentation is not considered significant.

11.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

According to referenced ASTM standard, an environmental professional is defined as a person with specific credentials as set forth in these standards. We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

We have the specific qualifications based on our education, training, and experience to assess a property of the nature, history, and setting of the Assessment Site. We have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312. GSI personnel responsible for development and review of this report include the following technical professionals as of issuance date of this report.

Preparer:

Gregg L. Armstrong
Senior Scientist

Reviewer:

Rick Bean
Senior Geologist

GSI Environmental Professional experience and qualifications are presented as individual resumes in Appendix G of this report.

12.0 REFERENCES

American Society for Testing and Materials (ASTM). *Standard Practice for Environmental Assessments: Phase I Environmental Assessment Process, ASTM Standard E 1527-13*. ASTM, West Conshohocken, PA. 2013.

Kansas Geological Survey, Water Well Completion Records (WWC-5) Database, http://www.kgs.ku.edu.Magellan/WaterWell/index.html

Kansas Geological Survey, Master List of Oil and Gas Wells in Kansas, http://www.kgs.ku.edu/Magellan/Qualified/index.html

Lane, C.W., and Miller, D.E., Geohydrology of Sedgwick County, Kansas, Bulletin 176, 1965, Kansas Geological Survey, University of Kansas Publications: Lawrence, Kansas.

Merriam, D.F., The Geologic History of Kansas, Bulletin 162, 1963, Kansas Geological Survey, University of Kansas Publications: Lawrence, Kansas.

Interviews

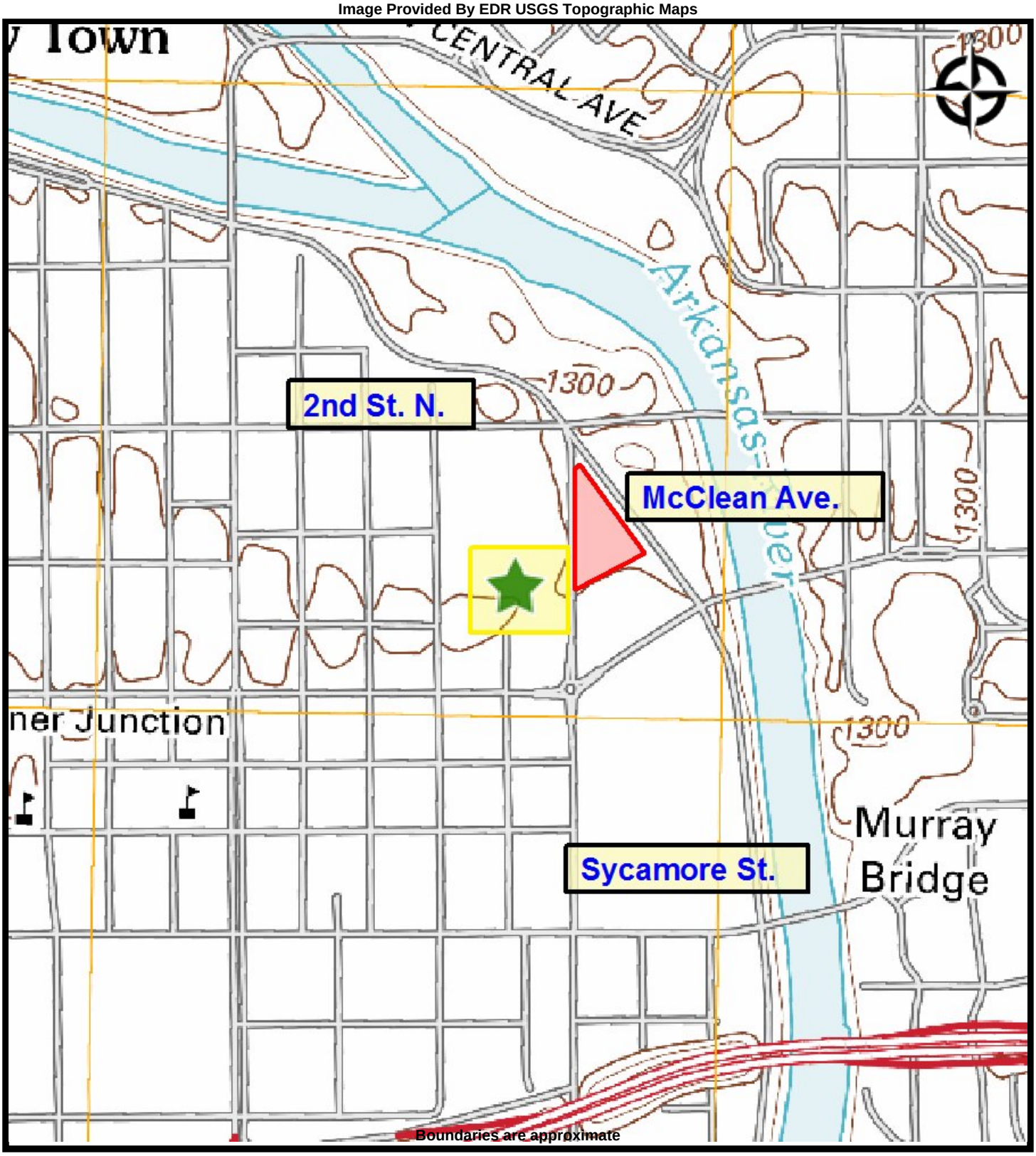
Doris Leslie, EAR Specialist, Environmental Assessment and Remediation, City of Wichita, in-person, March 16, 2016.

Questionnaires

Mr. John Philbrick, Real Estate Administrator, City of Wichita, March 24, 2016.

Figures

Image Provided By EDR USGS Topographic Maps

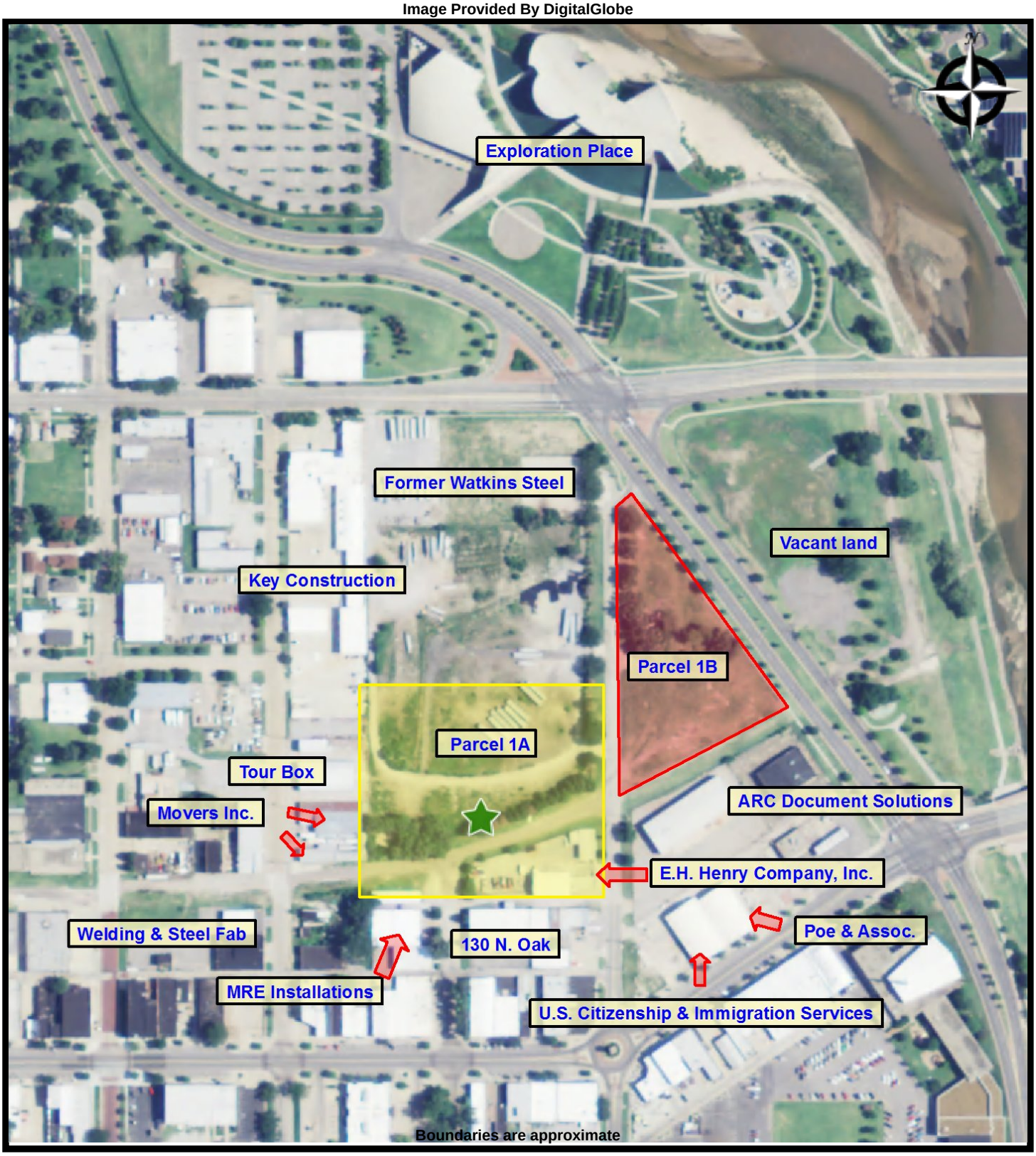


GSI Engineering

FIGURE 1 - AREA LOCATION AND TOPOGRAPHIC MAP
DELANO CATALYST SITE PARCEL 1A
SW Corner Sycamore & Mclean
Wichita, Kansas 67203

PREPARED FOR: City of Wichita
PROJ. MGR: Gregg Armstrong
DRAWN BY: Gregg Armstrong
DATE: 3/10/2016
PROJ. #: 167097

Image Provided By DigitalGlobe



GSI Engineering

FIGURE 2 - SITE BASE MAP
DELANO CATALYST SITE PARCEL 1A
SW Corner Sycamore & Mclean
Wichita, Kansas 67203

PREPARED FOR: City of Wichita
PROJ. MGR: Gregg Armstrong
DRAWN BY: Mike Balleau
DATE: 3/10/2016
PROJ. #: 167097

Image Provided By EDR Aerials

GSI Engineering

FIGURE 3 - REC AND HREC LOCATIONS
DELANO CATALYST SITE PARCEL 1A
SW Corner Sycamore & Mclean
Wichita, Kansas 67203

PREPARED FOR: City of Wichita
PROJ. MGR: Gregg Armstrong
DATE: 3/10/2016
DRAWN BY: Mike Balleau
PROJ. #: 167097

Appendix A -

Site Reconnaissance Photographs

1 : Adjacent property to north former Watkins, Inc. and and northwest, Key Construction Company.

2 : Assessment Site viewing northeast to southwest.

3 : Assessment Site, sparse vegetation in area of sand and rubble surface soils.

4 : Assessment Site viewing northwest to southeast.

5 : Miscellaneous trash and debris along western boundary of Assessment Site.

6 : Sand, brick and concrete rubble at central portion of Assessment Site. Sparse vegetation.

7 : Southern portion of Assessment Site. Concrete

8 : Assessment Site viewing southeast to northwest.

9 : N. Sycamore St., adjacent east of Assessment Site. Parcel 1B adjacent west of N. Sycamore.

10 : Improvements on E.H. Henry property within Assessment Site Boundary, southeastern corner.

11 : Adjacent property to south of Assessment Site. Commercial use and light industrial.

12 : Transcontinental Cable underground utility marker. Utilities aligned east to west.

13 : Southern end of Assessment Site, former railroad corridor.

14 : Adjacent property. N. McClean Ave. at 1st and 2nd Street intersection.

15 : Adjacent property to north, former Watkins, Inc. and northwest Key Construction.

16 : Adjacent property to north, former Watkins, Inc.

Appendix B -

EDR Report

Delano Catalyst Site Parcel 1A
SW Corner Sycamore & Mclean
Wichita, KS 67203

Inquiry Number: 4560126.2s
March 09, 2016

EDR Summary Radius Map Report

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Detail Map	3
Map Findings Summary	4
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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 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

SW CORNER SYCAMORE & MCLEAN
WICHITA, KS 67203

COORDINATES

Latitude (North):	37.6855700 - 37˚ 41' 8.05''
Longitude (West):	97.3479400 - 97˚ 20' 52.58''
Universal Tranverse Mercator:	Zone 14
UTM X (Meters):	645672.3
UTM Y (Meters):	4172008.5
Elevation:	1300 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	TP
Source:	U.S. Geological Survey

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120624
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
SW CORNER SYCAMORE & MCLEAN
WICHITA, KS 67203

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	NORTH INDUSTRIAL COR		AOCONCERN	Same	1668, 0.316, NE
Reg	GILBERT-MOSLEY		AOCONCERN	Same	1551, 0.294, East
A1	BEARDS AUTO RPR	121 N SYCAMORE	RCRA NonGen / NLR, FINDS, ECHO	Higher	19, 0.004, SE
A2	PARKER OIL CO INC	123 N. SYCAMORE, PO	LUST, UST	Higher	20, 0.004, ESE
A3	SHIPLEY TIRE CO.	120 NORTH SYCAMORE	LUST, UST	Higher	59, 0.011, ESE
A4		120 N SYCAMORE ST	EDR Hist Auto	Higher	59, 0.011, ESE
B5	SCOTT & LANDERS INC	200 N OSAGE	LUST, UST	Higher	164, 0.031, WSW
B6		149 N OSAGE ST	EDR Hist Auto	Higher	228, 0.043, SW
B7	ELDONS AUTOMOTIVE SV	149 N OSAGE	RCRA NonGen / NLR, FINDS, ECHO	Higher	228, 0.043, SW
C8	FOREIGN CAR CARE SVC	568 W DOUGLAS	RCRA NonGen / NLR, FINDS, ECHO	Lower	289, 0.055, SE
D9	KEY CONSTRUCTION	302 N OSAGE	LUST	Higher	315, 0.060, NW
C10		559 W DOUGLAS AVE	EDR Hist Auto	Lower	324, 0.061, SE
C11		555 W DOUGLAS AVE	EDR Hist Cleaner	Lower	335, 0.063, SE
E12	CENTURY II SALES INC	520 W DOUGLAS (B)	RCRA NonGen / NLR, FINDS, ECHO	Lower	366, 0.069, ESE
E13	TOTAL #1896	520 W. DOUGLAS	LUST, UST	Lower	366, 0.069, ESE
E14	MEL HAMBELTON VW PEU	520 W DOUGLAS (A)	RCRA NonGen / NLR, FINDS, ECHO	Lower	366, 0.069, ESE
E15	NICHOLS MOTORS INC	535 W DOUGLAS	RCRA-CESQG, UST, FINDS, ECHO	Lower	401, 0.076, ESE
C16	RIVER EDGE BAR	579 WEST DOUGLAS	LUST	Lower	411, 0.078, SSE
F17	JOHN ARNOLD ASSOCIAT	741 W 2ND	LUST	Higher	413, 0.078, North
F18	KEY CONSTRUCTION INC	741 W 2ND	RCRA NonGen / NLR	Higher	413, 0.078, North
19		124 S OAK ST	EDR Hist Auto	Lower	447, 0.085, South
D20	HOLTZEN WOODWORK	317 N OSAGE	RCRA NonGen / NLR, FINDS, ECHO	Higher	456, 0.086, NW
F21	WATKINS INC	711 W SECOND	UST	Higher	461, 0.087, North
22	WEST BANK MOTORS	825 W DOUGLAS	RCRA NonGen / NLR, FINDS, ECHO	Higher	463, 0.088, SW
F23	DOWN TOWN AUTO SVC	720 W 2ND	RCRA NonGen / NLR, FINDS, ECHO	Higher	506, 0.096, North
G24	BEATRICE DAIRY PRODU	202 N HANDLEY	UST	Higher	522, 0.099, West
H25	RYDER TRUCK RENTAL	310 N HANDLEY	LUST, UST	Higher	541, 0.102, WNW
H26		310 N HANDLEY ST	EDR Hist Auto	Higher	541, 0.102, WNW
H27	RYDER TRUCK RENTAL	310 N HANDLEY	RCRA NonGen / NLR, FINDS, ECHO	Higher	541, 0.102, WNW
G28	LUDEMAN INSULATION &	203 N. HANDLEY	SHWS, LAST	Higher	562, 0.106, West
I29	DON D RUTHERFORD & S	807 W 2ND	RCRA-CESQG, FINDS, ECHO	Higher	620, 0.117, NNW
H30	WOOTEN PRINTING	239 N HANDLEY	RCRA-CESQG, FINDS, ECHO	Higher	623, 0.118, WNW
I31	CHET WILSON ENGINE S	343 N OSAGE	RCRA-CESQG, FINDS, ECHO	Higher	645, 0.122, NNW
I32		343 N OSAGE ST	EDR Hist Auto	Higher	645, 0.122, NNW
I33	MYCRO-TEK, INC.	820 W 2ND	RCRA NonGen / NLR, FINDS, ECHO	Higher	676, 0.128, NNW
34	INTERNATIONAL CYCLIN	929 W DOUGLAS	RCRA-CESQG, FINDS, ECHO	Higher	746, 0.141, SW
J35	CAR COLOR INC	902 W 2ND	RCRA-CESQG, FINDS, ECHO	Higher	955, 0.181, NW
J36	GOOLSBY PERFORMANCE	521 N HANDLEY	RCRA NonGen / NLR, FINDS, ECHO	Higher	1015, 0.192, NW
37	BROADVIEW HOTEL	400 W DOUGLAS AVE	LUST	Higher	1060, 0.201, East

MAPPED SITES SUMMARY

Target Property Address:
SW CORNER SYCAMORE & MCLEAN
WICHITA, KS 67203

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
38	WICHITA BASEBALL INC	300 S SYCAMORE	RCRA-CESQG, FINDS, ECHO	Lower	1088, 0.206, SSE
39	B & B MACHINE & TOOL	1011 W 2ND	RCRA-CESQG, FINDS, ECHO	Higher	1099, 0.208, NW
40		303 S OAK ST	EDR Hist Auto	Lower	1105, 0.209, South
K41	151 N. WACO BTA	151 N. WACO	US BROWNFIELDS	Higher	1176, 0.223, ENE
K42	151 N. WACO	151 N. WACO	SHWS, LUST	Higher	1176, 0.223, ENE
K43	WICHITA GAS ELECTRIC	N. WACO STREET	EDR MGP	Higher	1178, 0.223, ENE
K44	RAMADA PARKING GARAG	132 N WACO ST	CERCLIS-NFRAP	Higher	1183, 0.224, ENE
K45	RAMADA PARKING GARAG	132 N WACO	SHWS	Higher	1183, 0.224, ENE
L46		206 N SENECA ST	EDR Hist Auto	Higher	1203, 0.228, West
L47	BG&D, LLC	206 N SENECA	LUST, UST, Financial Assurance	Higher	1203, 0.228, West
L48	JOES EXPRESS LUBE &	220 N SENECA	RCRA-CESQG, FINDS, ECHO	Higher	1207, 0.229, West
49	BELGER CARTAGE SERVI	808 KIOWA	LUST, UST, AST, RCRA NonGen / NLR, FINDS, ECHO	Higher	1223, 0.232, NW
50	TRIMARK SIGNWORKS	318 S OSAGE	RCRA-CESQG, FINDS, ECHO	Lower	1236, 0.234, SSW
M51		344 N SENECA ST	EDR Hist Auto	Higher	1260, 0.239, WNW
M52	ALLENS INC	344 N SENECA	RCRA-CESQG, FINDS, ECHO	Higher	1260, 0.239, WNW
L53	LITTLE JOE'S CAR WAS	201 N SENECA	LUST	Higher	1287, 0.244, West
K54	BUILDERS INC.	1ST & WACO	UST	Higher	1303, 0.247, ENE
N55	QUIKTRIP #349R	1112 WEST DOUGLAS	LUST, UST, Financial Assurance	Higher	1342, 0.254, WSW
N56	QUIK TRIP #349 R	1112 W DOUGLAS	LUST	Higher	1342, 0.254, WSW
M57	RADIATION-FORMER AIR	1115 WEST SECOND	CERCLIS, PRP, ICIS	Higher	1437, 0.272, WNW
M58	AIR CAPITOL DIAL (FO	1115 WEST SECOND STR	SHWS	Higher	1437, 0.272, WNW
59	QUIKTRIP #349	403 N SENECA	LUST, UST	Higher	1437, 0.272, WNW
O60	GREENWAY MANOR	315 RIVERVIEW	LUST	Higher	1460, 0.277, NE
61	MCKAY OIL CO.	369 MCLEAN BLVD NW	LUST	Lower	1570, 0.297, SE
O62	THE LAW COMPANY, INC	345 RIVERVIEW	LUST, UST	Higher	1583, 0.300, NE
63	DUMONT STADIUM	MAPLE & SYCAMORE	LUST	Lower	1601, 0.303, South
64	WEST 2ND AND DODGE	W 2ND ST & N DODGE A	SHWS	Higher	1694, 0.321, WNW
P65	21ST STREET CORRIDOR	210, 304, AND 310 W.	US BROWNFIELDS, FINDS, ECHO	Higher	1805, 0.342, ENE
P66	21ST STREET CORRIDOR	210, 304, AND 310 W.	US BROWNFIELDS, FINDS, ECHO	Higher	1805, 0.342, ENE
P67	21ST STREET CORRIDOR	210, 304, AND 310 W.	US BROWNFIELDS, FINDS, ECHO	Higher	1805, 0.342, ENE
68	US POSTAL SERV(DOWNT	330 W 2ND ST	LUST, UST	Higher	1837, 0.348, NE
69	THE PANTRY #1641 (DB	515 N SENECA	LUST, UST, Financial Assurance	Higher	2002, 0.379, NW
Q70	ALIGNMENT SPECIALIST	406 S SENECA	LUST	Lower	2033, 0.385, SW
Q71	7-ELEVEN #250	1102 N MAPLE	LUST	Lower	2034, 0.385, SW
72	LYN WATCHOUS ESTATE	1326 W 2ND	LUST	Higher	2102, 0.398, WNW
R73	MCCONNELL AFB, BLDG	317 WICHITA ST	LUST	Higher	2129, 0.403, NE
74	WICHITA BOAT HOUSE	335 N LEWIS	LUST	Lower	2187, 0.414, SE
R75	MCCONNELL AFB, BLDG.	316 WICHITA ST.	LUST	Higher	2203, 0.417, NE
76	MILLING PRECISION TO	118 N MARTINSON	LUST	Higher	2212, 0.419, West

MAPPED SITES SUMMARY

Target Property Address:
SW CORNER SYCAMORE & MCLEAN
WICHITA, KS 67203

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
77	CENTRE CITY PLAZA BU	151 N. MAIN	LUST, UST	Higher	2213, 0.419, ENE
78	FIRE STATION #4	101 S MARTINSON	LUST, UST, Financial Assurance	Higher	2279, 0.432, WSW
79	SOUTHWEST GREASE & O	220 W WATERMAN	CERCLIS-NFRAP	Lower	2307, 0.437, ESE
S80	WICHITA RIVER CORRID	555 WEST CENTRAL AVE	US BROWNFIELDS	Higher	2316, 0.439, NNE
S81	RIVER CORRIDOR IMPRO	555 W. CENTRAL	SHWS	Higher	2316, 0.439, NNE
T82	FORMER GSA MOTOR POO	420 S. WATER	LUST, UST	Lower	2362, 0.447, ESE
T83	HARMON INC	225 W LEWIS	CERCLIS-NFRAP, RCRA NonGen / NLR, FINDS, ECHO	Lower	2447, 0.463, SE
U84	KSBT BLDG, FORMER	123 N MARKET	SHWS, LUST	Higher	2560, 0.485, East
V85	HOME OIL COMPANY	123 N ELIZABETH	LUST	Higher	2584, 0.489, West
V86	HOME OIL	125 N ELIZABETH	LUST	Higher	2585, 0.490, West
87	INSTRUCTIONAL SUPPOR	412 S MAIN	LUST	Lower	2588, 0.490, ESE
88	IPC REAL ESTATE MANA	301 N MAIN	LUST, UST, Financial Assurance	Higher	2599, 0.492, ENE
89	RANDY'S SMALL ENGINE	1501 W DOUGLAS	LUST	Higher	2601, 0.493, WSW
U90	FIRST NATIONAL BANK	BOX 1	LUST	Higher	2625, 0.497, East
91	WICHITA WATERWALK PR	515 SOUTH MAIN	SHWS	Lower	2905, 0.550, ESE
92	INSTRUMENTS, INC. (F	205 EAST LEWIS	SHWS	Lower	3135, 0.594, ESE
93	AIRCRAFT INSTRUMENTS	317 E LEWIS	SHWS	Lower	3500, 0.663, ESE
94	AIR CAPITOL DIAL (CU	220 NORTH VINE	SHWS	Higher	3677, 0.696, West
95	AIR CAPITOL UPGRADIE	WEST 2ND AND VINE ST	SHWS	Higher	3746, 0.709, WNW
96	AIRCRAFT INSTRUMENTS	535 S TOPEKA	SHWS	Lower	3819, 0.723, ESE
97	JACOBS INSTRUMENT	807 N. WACO	SHWS	Higher	4087, 0.774, NNE
98	1812 W 2ND STREET, W	1812 W 2ND STREET	SHWS, VCP	Higher	4141, 0.784, WNW
99	COLEMAN CO INC	3600 N HYDRAULIC	SHWS, LUST, UST, INST CONTROL, SPILLS	Lower	4237, 0.802, ENE
100	TRI-STATE NORTH	326-330 S. COMMERCE	SHWS	Higher	4546, 0.861, East
101	WICHITA TRANSIT STOR	777 E. WATERMAN	SHWS, LUST, UST, Financial Assurance	Higher	4874, 0.923, ESE
102	WACO HANDI WASH INC	1008 N WACO ST	SHWS, DRYCLEANERS	Higher	5041, 0.955, NNE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

CERCLIS: A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RADIATION-FORMER AIR	***1115 WEST SECOND***	***WNW 1/4 - 1/2 (0.272 mi.)***	***M57***	***22***

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: A review of the CERCLIS-NFRAP list, as provided by EDR, and dated 10/25/2013 has revealed that there are 3 CERCLIS-NFRAP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RAMADA PARKING GARAG	132 N WACO ST	ENE 1/8 - 1/4 (0.224 mi.)	K44	19

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTHWEST GREASE & O	220 W WATERMAN	ESE 1/4 - 1/2 (0.437 mi.)	79	28
HARMON INC	***225 W LEWIS***	***SE 1/4 - 1/2 (0.463 mi.)***	***T83***	***29***

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-CESQG: A review of the RCRA-CESQG list, as provided by EDR, and dated 06/09/2015 has revealed that there are 11 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DON D RUTHERFORD & S	***807 W 2ND***	***NNW 0 - 1/8 (0.117 mi.)***	***I29***	***15***
WOOTEN PRINTING	***239 N HANDLEY***	***WNW 0 - 1/8 (0.118 mi.)***	***H30***	***15***
CHET WILSON ENGINE S	***343 N OSAGE***	***NNW 0 - 1/8 (0.122 mi.)***	***I31***	***16***
INTERNATIONAL CYCLIN	***929 W DOUGLAS***	***SW 1/8 - 1/4 (0.141 mi.)***	***34***	***16***
CAR COLOR INC	***902 W 2ND***	***NW 1/8 - 1/4 (0.181 mi.)***	***J35***	***17***
B & B MACHINE & TOOL	***1011 W 2ND***	***NW 1/8 - 1/4 (0.208 mi.)***	***39***	***18***
JOES EXPRESS LUBE &	***220 N SENECA***	***W 1/8 - 1/4 (0.229 mi.)***	***L48***	***20***
ALLENS INC	***344 N SENECA***	***WNW 1/8 - 1/4 (0.239 mi.)***	***M52***	***21***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NICHOLS MOTORS INC	***535 W DOUGLAS***	***ESE 0 - 1/8 (0.076 mi.)***	***E15***	***12***
WICHITA BASEBALL INC	***300 S SYCAMORE***	***SSE 1/8 - 1/4 (0.206 mi.)***	***38***	***17***
TRIMARK SIGNWORKS	***318 S OSAGE***	***SSW 1/8 - 1/4 (0.234 mi.)***	***50***	***21***

State- and tribal - equivalent CERCLIS

SHWS: A review of the SHWS list, as provided by EDR, and dated 10/22/2015 has revealed that there are 19 SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LUDEMAN INSULATION & Facility Status: Active Project code: C208772739 Activity Status: C	***203 N. HANDLEY***	***W 0 - 1/8 (0.106 mi.)***	***G28***	***15***
151 N. WACO Facility Status: Active Project code: C208772466 Activity Status: C	***151 N. WACO***	***ENE 1/8 - 1/4 (0.223 mi.)***	***K42***	***18***
RAMADA PARKING GARAG Facility Status: Resolved Project code: C208700118 Activity Status: C	132 N WACO	ENE 1/8 - 1/4 (0.224 mi.)	K45	19
AIR CAPITOL DIAL (FO Facility Status: Resolved Project code: C208772055 Activity Status: C	1115 WEST SECOND STR	WNW 1/4 - 1/2 (0.272 mi.)	M58	23
WEST 2ND AND DODGE Facility Status: Active Project code: C208772365 Activity Status: C	W 2ND ST & N DODGE A	WNW 1/4 - 1/2 (0.321 mi.)	64	24
RIVER CORRIDOR IMPRO	555 W. CENTRAL	NNE 1/4 - 1/2 (0.439 mi.)	S81	28

Facility Status: Active Project code: C208771945 Activity Status: C				
KSBT BLDG, FORMER Facility Status: Resolved Project code: C208770979 Activity Status: C	***123 N MARKET***	***E 1/4 - 1/2 (0.485 mi.)***	***U84***	***29***
AIR CAPITOL DIAL (CU Facility Status: Transferred out of the bureau Project code: C208772045 Activity Status: C	220 NORTH VINE	W 1/2 - 1 (0.696 mi.)	94	32
AIR CAPITOL UPGRADIE Facility Status: Active Project code: C208772384 Activity Status: C	WEST 2ND AND VINE ST	WNW 1/2 - 1 (0.709 mi.)	95	32
JACOBS INSTRUMENT Facility Status: Active Project code: C208772405 Activity Status: P	807 N. WACO	NNE 1/2 - 1 (0.774 mi.)	97	33
1812 W 2ND STREET, W Facility Status: Resolved Project code: C208770924 Activity Status: C	***1812 W 2ND STREET***	***WNW 1/2 - 1 (0.784 mi.)***	***98***	***33***
TRI-STATE NORTH Facility Status: Active Project code: C208772243 Activity Status: U Activity Status: C	326-330 S. COMMERCE	E 1/2 - 1 (0.861 mi.)	100	34
WICHITA TRANSIT STOR Facility Status: Active Project code: C208770621 Activity Status: C Activity Status: U	***777 E. WATERMAN***	***ESE 1/2 - 1 (0.923 mi.)***	***101***	***34***
WACO HANDI WASH INC Facility Status: Active Project code: C208772011 Activity Status: C Activity Status: U	***1008 N WACO ST***	***NNE 1/2 - 1 (0.955 mi.)***	***102***	***34***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WICHITA WATERWALK PR Facility Status: Active Project code: C208771934 Activity Status: C Activity Status: P Activity Status: U	515 SOUTH MAIN	ESE 1/2 - 1 (0.550 mi.)	91	31
INSTRUMENTS, INC. (F Facility Status: Resolved Project code: C208772246 Activity Status: C Activity Status: U	205 EAST LEWIS	ESE 1/2 - 1 (0.594 mi.)	92	31
AIRCRAFT INSTRUMENTS	317 E LEWIS	ESE 1/2 - 1 (0.663 mi.)	93	32

Facility Status: Resolved Project code: C208772355 Activity Status: C				
AIRCRAFT INSTRUMENTS Facility Status: Active Project code: C208700003 Activity Status: C Activity Status: U	535 S TOPEKA	ESE 1/2 - 1 (0.723 mi.)	96	32
COLEMAN CO INC Facility Status: Active Project code: C208700181 Activity Status: C Activity Status: U	***3600 N HYDRAULIC***	***ENE 1/2 - 1 (0.802 mi.)***	***99***	***33***

State and tribal leaking storage tank lists

LUST: A review of the LUST list, as provided by EDR, and dated 10/06/2015 has revealed that there are 39 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARKER OIL CO INC Facility Id: 18496 Facility Status: Closed	***123 N. SYCAMORE, PO***	***ESE 0 - 1/8 (0.004 mi.)***	***A2***	***8***
SHIPLEY TIRE CO. Facility Id: 22767 Facility Status: Closed	***120 NORTH SYCAMORE***	***ESE 0 - 1/8 (0.011 mi.)***	***A3***	***9***
SCOTT & LANDERS INC Facility Id: 28780 Facility Status: Closed	***200 N OSAGE***	***WSW 0 - 1/8 (0.031 mi.)***	***B5***	***9***
KEY CONSTRUCTION Facility Id: 81654 Facility Status: Closed	302 N OSAGE	NW 0 - 1/8 (0.060 mi.)	D9	10
JOHN ARNOLD ASSOCIAT Facility Id: 80084 Facility Status: Closed	741 W 2ND	N 0 - 1/8 (0.078 mi.)	F17	12
RYDER TRUCK RENTAL Facility Id: 06536 Facility Status: Closed	***310 N HANDLEY***	***WNW 0 - 1/8 (0.102 mi.)***	***H25***	***14***
BROADVIEW HOTEL Facility Id: 81790 Facility Status: Closed	400 W DOUGLAS AVE	E 1/8 - 1/4 (0.201 mi.)	37	17
151 N. WACO Facility Id: 82779 Facility Status: Monitor	***151 N. WACO***	***ENE 1/8 - 1/4 (0.223 mi.)***	***K42***	***18***
BG&D, LLC Facility Id: 03273 Facility Status: Monitor	***206 N SENECA***	***W 1/8 - 1/4 (0.228 mi.)***	***L47***	***19***
BELGER CARTAGE SERVI	***808 KIOWA***	***NW 1/8 - 1/4 (0.232 mi.)***	***49***	***20***

Facility Id: 23448 Facility Status: Closed				
LITTLE JOE'S CAR WAS Facility Id: 03273 Facility Status: Closed	201 N SENECA	W 1/8 - 1/4 (0.244 mi.)	L53	21
QUIKTRIP #349R Facility Id: 29679 Facility Status: Closed	***1112 WEST DOUGLAS***	***WSW 1/4 - 1/2 (0.254 mi.)***	***N55***	***22***
QUIK TRIP #349 R Facility Id: 29679 Facility Status: Closed	1112 W DOUGLAS	WSW 1/4 - 1/2 (0.254 mi.)	N56	22
QUIKTRIP #349 Facility Id: 07282 Facility Status: Closed	***403 N SENECA***	***WNW 1/4 - 1/2 (0.272 mi.)***	***59***	***23***
GREENWAY MANOR Facility Id: 29261 Facility Status: Closed	315 RIVERVIEW	NE 1/4 - 1/2 (0.277 mi.)	O60	23
THE LAW COMPANY, INC Facility Id: 28251 Facility Status: Closed	***345 RIVERVIEW***	***NE 1/4 - 1/2 (0.300 mi.)***	***O62***	***24***
US POSTAL SERV(DOWNT Facility Id: 28203 Facility Status: Closed	***330 W 2ND ST***	***NE 1/4 - 1/2 (0.348 mi.)***	***68***	***25***
THE PANTRY #1641 (DB Facility Id: 29233 Facility Status: Closed	***515 N SENECA***	***NW 1/4 - 1/2 (0.379 mi.)***	***69***	***25***
LYN WATCHOUS ESTATE Facility Id: 80052 Facility Status: Closed	1326 W 2ND	WNW 1/4 - 1/2 (0.398 mi.)	72	26
MCCONNELL AFB, BLDG Facility Id: 81727 Facility Status: Closed	317 WICHITA ST	NE 1/4 - 1/2 (0.403 mi.)	R73	26
MCCONNELL AFB, BLDG. Facility Id: 27961 Facility Status: Closed	316 WICHITA ST.	NE 1/4 - 1/2 (0.417 mi.)	R75	27
MILLING PRECISION TO Facility Id: 80060 Facility Status: Closed	118 N MARTINSON	W 1/4 - 1/2 (0.419 mi.)	76	27
CENTRE CITY PLAZA BU Facility Id: 29460 Facility Status: Closed	***151 N. MAIN***	***ENE 1/4 - 1/2 (0.419 mi.)***	***77***	***27***
FIRE STATION #4 Facility Id: 09163 Facility Status: Closed	***101 S MARTINSON***	***WSW 1/4 - 1/2 (0.432 mi.)***	***78***	***28***
KSBT BLDG, FORMER Facility Id: 30017 Facility Status: Closed	***123 N MARKET***	***E 1/4 - 1/2 (0.485 mi.)***	***U84***	***29***
HOME OIL COMPANY Facility Id: 15524	123 N ELIZABETH	W 1/4 - 1/2 (0.489 mi.)	V85	30

Facility Status: Closed				
HOME OIL Facility Id: 15524 Facility Status: Closed	125 N ELIZABETH	W 1/4 - 1/2 (0.490 mi.)	V86	30
IPC REAL ESTATE MANA Facility Id: 28226 Facility Status: Closed	***301 N MAIN***	***ENE 1/4 - 1/2 (0.492 mi.)***	***88***	***30***
RANDY'S SMALL ENGINE Facility Id: 81199 Facility Status: Closed	1501 W DOUGLAS	WSW 1/4 - 1/2 (0.493 mi.)	89	31
FIRST NATIONAL BANK Facility Id: 80074 Facility Status: Closed	BOX 1	E 1/4 - 1/2 (0.497 mi.)	U90	31

Lower Elevation	Address	Direction / Distance	Map ID	Page
TOTAL #1896 Facility Id: 28379 Facility Status: Closed	***520 W. DOUGLAS***	***ESE 0 - 1/8 (0.069 mi.)***	***E13***	***11***
RIVER EDGE BAR Facility Id: 82492 Facility Status: Closed	579 WEST DOUGLAS	SSE 0 - 1/8 (0.078 mi.)	C16	12
MCKAY OIL CO. Facility Id: 02751 Facility Status: Closed	369 MCLEAN BLVD NW	SE 1/4 - 1/2 (0.297 mi.)	61	23
DUMONT STADIUM Facility Id: 80049 Facility Status: Closed	MAPLE & SYCAMORE	S 1/4 - 1/2 (0.303 mi.)	63	24
ALIGNMENT SPECIALIST Facility Id: 80095 Facility Status: Closed	406 S SENECA	SW 1/4 - 1/2 (0.385 mi.)	Q70	26
7-ELEVEN #250 Facility Id: 27140 Facility Status: Closed	1102 N MAPLE	SW 1/4 - 1/2 (0.385 mi.)	Q71	26
WICHITA BOAT HOUSE Facility Id: 81160 Facility Status: Closed	335 N LEWIS	SE 1/4 - 1/2 (0.414 mi.)	74	27
FORMER GSA MOTOR POO Facility Id: 29670 Facility Status: Closed	***420 S. WATER***	***ESE 1/4 - 1/2 (0.447 mi.)***	***T82***	***29***
INSTRUCTIONAL SUPPOR Facility Id: 26302 Facility Status: Closed	412 S MAIN	ESE 1/4 - 1/2 (0.490 mi.)	87	30

EXECUTIVE SUMMARY

LAST: A review of the LAST list, as provided by EDR, and dated 10/06/2015 has revealed that there is 1 LAST site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LUDEMAN INSULATION & Facility Id: 82459 Facility Status: Closed	***203 N. HANDLEY***	***W 0 - 1/8 (0.106 mi.)***	***G28***	***15***

State and tribal registered storage tank lists

UST: A review of the UST list, as provided by EDR, and dated 10/06/2015 has revealed that there are 11 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PARKER OIL CO INC Facility Id: 18496 Tank Status: Permanently Out Of Use	***123 N. SYCAMORE, PO***	***ESE 0 - 1/8 (0.004 mi.)***	***A2***	***8***
SHIPLEY TIRE CO. Facility Id: 22767 Tank Status: Permanently Out Of Use	***120 NORTH SYCAMORE***	***ESE 0 - 1/8 (0.011 mi.)***	***A3***	***9***
SCOTT & LANDERS INC Facility Id: 28780 Tank Status: Permanently Out Of Use	***200 N OSAGE***	***WSW 0 - 1/8 (0.031 mi.)***	***B5***	***9***
WATKINS INC Facility Id: 25957 Tank Status: Permanently Out Of Use	711 W SECOND	N 0 - 1/8 (0.087 mi.)	F21	13
BEATRICE DAIRY PRODU Facility Id: 25754 Tank Status: Permanently Out Of Use	202 N HANDLEY	W 0 - 1/8 (0.099 mi.)	G24	14
RYDER TRUCK RENTAL Facility Id: 06536 Tank Status: Permanently Out Of Use	***310 N HANDLEY***	***WNW 0 - 1/8 (0.102 mi.)***	***H25***	***14***
BG&D, LLC Facility Id: 03273 Tank Status: Temporarily Out Of Use	***206 N SENECA***	***W 1/8 - 1/4 (0.228 mi.)***	***L47***	***19***
BELGER CARTAGE SERVI Facility Id: 23448 Tank Status: Permanently Out Of Use	***808 KIOWA***	***NW 1/8 - 1/4 (0.232 mi.)***	***49***	***20***
BUILDERS INC. Facility Id: 30542 Tank Status: Permanently Out Of Use	1ST & WACO	ENE 1/8 - 1/4 (0.247 mi.)	K54	22

Lower Elevation	Address	Direction / Distance	Map ID	Page
TOTAL #1896 Facility Id: 28379 Tank Status: Permanently Out Of Use	***520 W. DOUGLAS***	***ESE 0 - 1/8 (0.069 mi.)***	***E13***	***11***
NICHOLS MOTORS INC	***535 W DOUGLAS***	***ESE 0 - 1/8 (0.076 mi.)***	***E15***	***12***

Facility Id: 18211
Tank Status: Permanently Out Of Use

AST: A review of the AST list, as provided by EDR, and dated 10/06/2015 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BELGER CARTAGE SERVI	***808 KIOWA***	***NW 1/8 - 1/4 (0.232 mi.)***	***49***	***20***
Facility Id: 23448 Tank Status: Permanently Out Of Use				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/22/2015 has revealed that there are 5 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
151 N. WACO BTA	151 N. WACO	ENE 1/8 - 1/4 (0.223 mi.)	K41	18
21ST STREET CORRIDOR	***210, 304, AND 310 W.***	***ENE 1/4 - 1/2 (0.342 mi.)***	***P65***	***24***
21ST STREET CORRIDOR	***210, 304, AND 310 W.***	***ENE 1/4 - 1/2 (0.342 mi.)***	***P66***	***25***
21ST STREET CORRIDOR	***210, 304, AND 310 W.***	***ENE 1/4 - 1/2 (0.342 mi.)***	***P67***	***25***
WICHITA RIVER CORRID	555 WEST CENTRAL AVE	NNE 1/4 - 1/2 (0.439 mi.)	S80	28

Local Lists of Hazardous waste / Contaminated Sites

AOCONCERN: A review of the AOCONCERN list, as provided by EDR, has revealed that there are 2 AOCONCERN sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTH INDUSTRIAL COR		NE 1/4 - 1/2 (0.316 mi.)	0	8
GILBERT-MOSLEY		E 1/4 - 1/2 (0.294 mi.)	0	8

Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/09/2015 has revealed that there are 13 RCRA NonGen / NLR sites within approximately 0.25 miles of the target

property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BEARDS AUTO RPR	***121 N SYCAMORE***	***SE 0 - 1/8 (0.004 mi.)***	***A1***	***8***
ELDONS AUTOMOTIVE SV	***149 N OSAGE***	***SW 0 - 1/8 (0.043 mi.)***	***B7***	***10***
KEY CONSTRUCTION INC	741 W 2ND	N 0 - 1/8 (0.078 mi.)	F18	12
HOLTZEN WOODWORK	***317 N OSAGE***	***NW 0 - 1/8 (0.086 mi.)***	***D20***	***13***
WEST BANK MOTORS	***825 W DOUGLAS***	***SW 0 - 1/8 (0.088 mi.)***	***22***	***13***
DOWN TOWN AUTO SVC	***720 W 2ND***	***N 0 - 1/8 (0.096 mi.)***	***F23***	***14***
RYDER TRUCK RENTAL	***310 N HANDLEY***	***WNW 0 - 1/8 (0.102 mi.)***	***H27***	***15***
MYCRO-TEK, INC.	***820 W 2ND***	***NNW 1/8 - 1/4 (0.128 mi.)***	***I33***	***16***
GOOLSBY PERFORMANCE	***521 N HANDLEY***	***NW 1/8 - 1/4 (0.192 mi.)***	***J36***	***17***
BELGER CARTAGE SERVI	***808 KIOWA***	***NW 1/8 - 1/4 (0.232 mi.)***	***49***	***20***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FOREIGN CAR CARE SVC	***568 W DOUGLAS***	***SE 0 - 1/8 (0.055 mi.)***	***C8***	***10***
CENTURY II SALES INC	***520 W DOUGLAS (B)***	***ESE 0 - 1/8 (0.069 mi.)***	***E12***	***11***
MEL HAMBELTON VW PEU	***520 W DOUGLAS (A)***	***ESE 0 - 1/8 (0.069 mi.)***	***E14***	***11***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WICHITA GAS ELECTRIC	N. WACO STREET	ENE 1/8 - 1/4 (0.223 mi.)	K43	19

EDR Hist Auto: A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 9 EDR Hist Auto sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	120 N SYCAMORE ST	ESE 0 - 1/8 (0.011 mi.)	A4	9
Not reported	149 N OSAGE ST	SW 0 - 1/8 (0.043 mi.)	B6	9
Not reported	310 N HANDLEY ST	WNW 0 - 1/8 (0.102 mi.)	H26	14
Not reported	343 N OSAGE ST	NNW 0 - 1/8 (0.122 mi.)	I32	16
Not reported	206 N SENECA ST	W 1/8 - 1/4 (0.228 mi.)	L46	19
Not reported	344 N SENECA ST	WNW 1/8 - 1/4 (0.239 mi.)	M51	21

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	559 W DOUGLAS AVE	SE 0 - 1/8 (0.061 mi.)	C10	10
Not reported	124 S OAK ST	S 0 - 1/8 (0.085 mi.)	19	13
Not reported	303 S OAK ST	S 1/8 - 1/4 (0.209 mi.)	40	18

EXECUTIVE SUMMARY

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

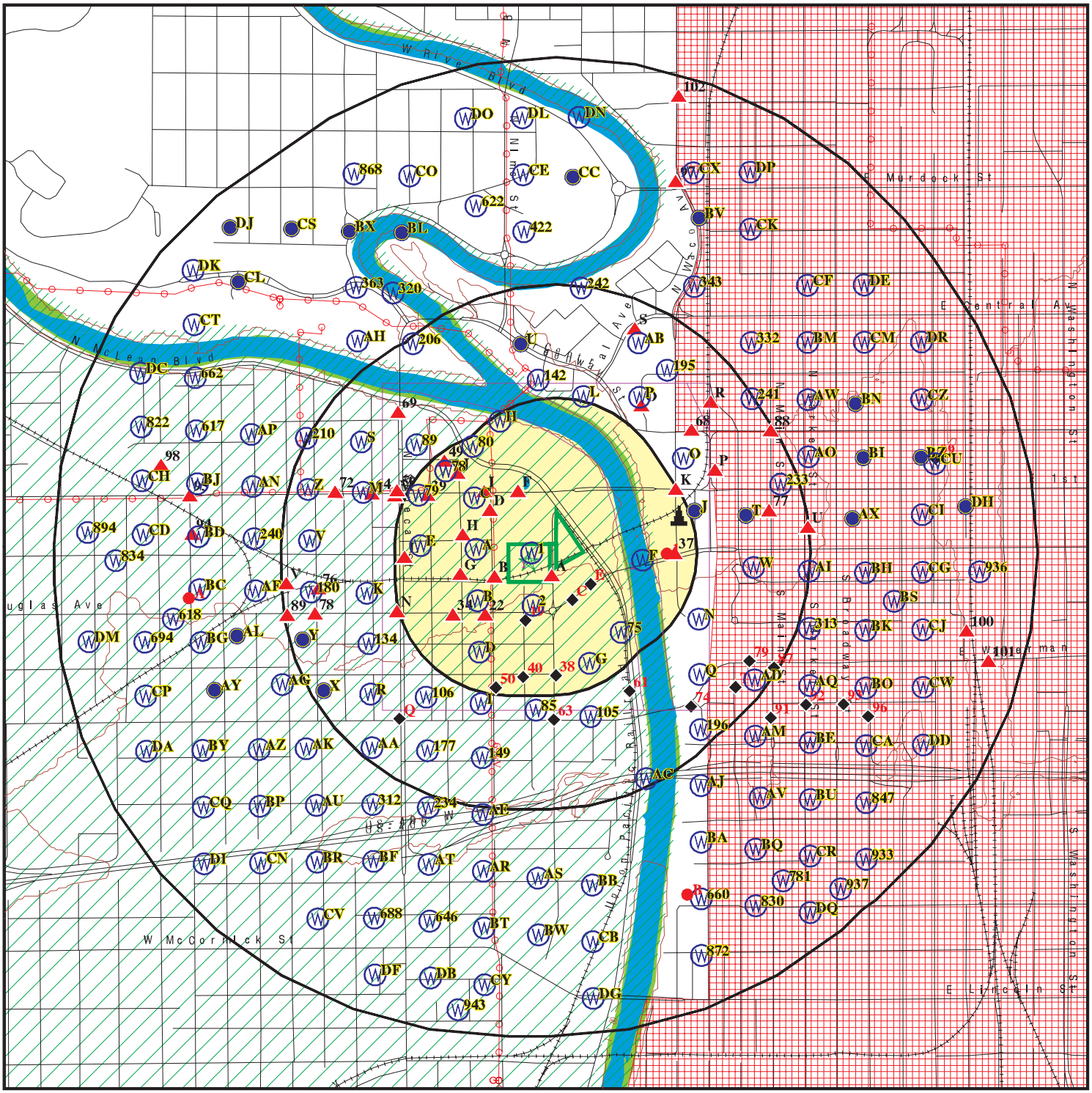
Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	555 W DOUGLAS AVE	SE 0 - 1/8 (0.063 mi.)	C11	11

Count: 5 records.

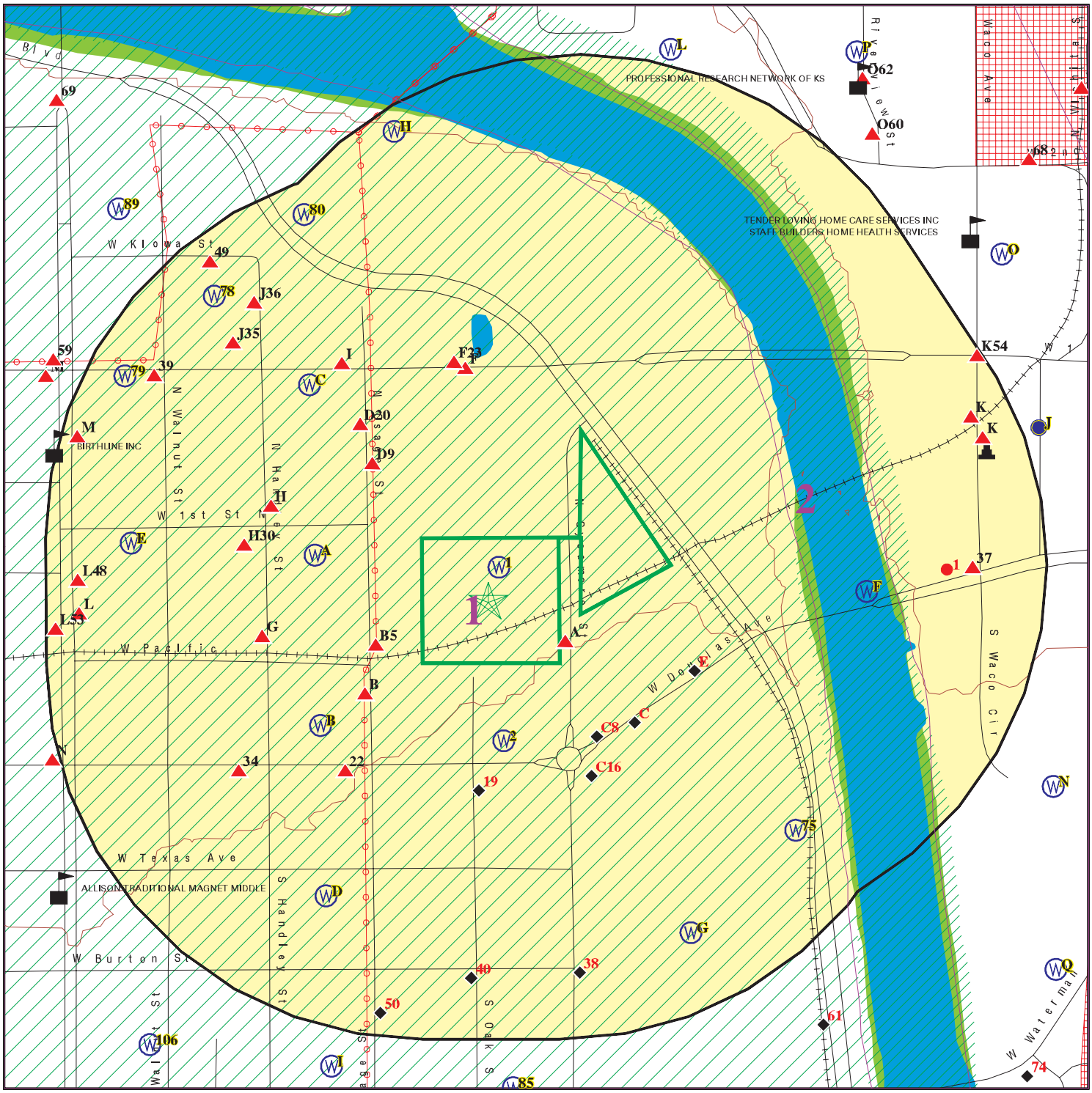
ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
WICHITA	S113441254	BUILDERS INC.	1ST AND WACO		LUST
WICHITA	S116549976	WASTE DISPOSAL L.L.C. TRANSFER STA	55TH ST S. & HOOVER RD (NE COR		SWF/LF
WICHITA	S117543126	FORMER FILLING STATION	SE CORNER OF EAST 2ND AND NORT		LUST
WICHITA	S112231628	MCDONALDS	SE CORNER HILLSIDE AND HARRY		LUST
WICHITA	S110990366	VIA CHRISTI MEDICAL CENTER	NE CORNER OF MURDOCK ST. AND S		LUST

OVERVIEW MAP - 4560126.2S


W River Blvd
N Mclean Blvd
N Main St
N Water St
N Broadway
E Murdock St
E Central Ave
E 1st
E Lincoln St
W McCormick St
Douglas Ave
Union Pacific Railroad
Burlington Northern Santa Fe
Wichita Co
Wichita Co
Wichita Co

DETAIL MAP - 4560126.2S



0 1/16 1/8 1/4 Miles

- 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
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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

SITE NAME:	Delano Catalyst Site Parcel 1A	CLIENT:	GSI Engineering, LLC
ADDRESS:	SW Corner Sycamore & Mclean Wichita KS 67203	CONTACT:	Gregg Armstrong
		INQUIRY #:	4560126.2s
LAT/LONG:	37.68557 / 97.34794	DATE:	March 09, 2016 6:41 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
CERCLIS	0.500		0	0	1	NR	NR	1
Federal CERCLIS NFRAP site List								
CERCLIS-NFRAP	0.500		0	1	2	NR	NR	3
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		4	7	NR	NR	NR	11
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		1	2	4	12	NR	19
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
CITY DUMPS	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		8	5	26	NR	NR	39
LAST	0.500		1	0	0	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		8	3	NR	NR	NR	11
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	1	4	NR	NR	5
Local Lists of Landfill / Solid Waste Disposal Sites								
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	2	0	NR	2
CDL	0.001		0	NR	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		10	3	NR	NR	NR	13
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
TIER 2	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	1	0	0	NR	1
EDR Hist Auto	0.250		6	3	NR	NR	NR	9
EDR Hist Cleaner	0.250		1	0	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA HWS	0.001		0	NR	NR	NR	NR	0
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	39	27	39	12	0	117

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

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	Site	Database(s)	EDR ID Number EPA ID Number
Areas of Concern NE 1/4-1/2 1668 ft.	**NORTH INDUSTRIAL CORRIDOR** **WICHITA, KS** **Click here for full text details**	**AOCONCERN**	**CKS0000002 N/A**
Areas of Concern East 1/4-1/2 1551 ft.	**GILBERT-MOSLEY** **WICHITA, KS** **Click here for full text details**	**AOCONCERN**	**CKS0000001 N/A**
A1 SE < 1/8 0.004 mi. 19 ft. Relative: Higher	**BEARDS AUTO RPR 121 N SYCAMORE WICHITA, KS 67203** **Click here for full text details** **RCRA NonGen / NLR** EPA Id: KSD981129091 **FINDS** Registry ID:: 110003172655	**RCRA NonGen / NLR FINDS ECHO**	**1004703452 KSD981129091**
A2 ESE < 1/8 0.004 mi. 20 ft. Relative: Higher	**PARKER OIL CO INC 123 N. SYCAMORE, PO BOX 17383 WICHITA, KS 67207** **Click here for full text details** **LUST** Facility Id: 18496 Facility Status: Closed **UST** Facility Id: 18496 Tank Status: Permanently Out Of Use	**LUST UST**	**U000716162 N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
A3 **ESE** **< 1/8** **0.011 mi.** **59 ft.** **Relative:** **Higher**	**SHIPLEY TIRE CO.** **120 NORTH SYCAMORE** **WICHITA, KS 67203** **Click here for full text details** **LUST** Facility Id: 22767 Facility Status: Closed **UST** Facility Id: 22767 Tank Status: Permanently Out Of Use	**LUST** **UST**	**U000197555** **N/A**
A4 **ESE** **< 1/8** **0.011 mi.** **59 ft.** **Relative:** **Higher**	**120 N SYCAMORE ST** **WICHITA, KS 67203** **Click here for full text details**	**EDR Hist Auto**	**1015178707** **N/A**
B5 **WSW** **< 1/8** **0.031 mi.** **164 ft.** **Relative:** **Higher**	**SCOTT & LANDERS INC** **200 N OSAGE** **WICHITA, KS 67203** **Click here for full text details** **LUST** Facility Id: 28780 Facility Status: Closed **UST** Facility Id: 28780 Tank Status: Permanently Out Of Use	**LUST** **UST**	**U000199023** **N/A**
B6 **SW** **< 1/8** **0.043 mi.** **228 ft.** **Relative:** **Higher**	**149 N OSAGE ST** **WICHITA, KS 67203** **Click here for full text details**	**EDR Hist Auto**	**1015234749** **N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
B7 **SW** **< 1/8** **0.043 mi.** **228 ft.** **Relative:** **Higher**	**ELDONS AUTOMOTIVE SVC** **149 N OSAGE** **WICHITA, KS 67203** **Click here for full text details** **RCRA NonGen / NLR** EPA Id: KSD031437676 **FINDS** Registry ID:: 110003153248	**RCRA NonGen / NLR** **FINDS** **ECHO**	**1004702025** **KSD031437676**
C8 **SE** **< 1/8** **0.055 mi.** **289 ft.** **Relative:** **Lower**	**FOREIGN CAR CARE SVC** **568 W DOUGLAS** **WICHITA, KS 67203** **Click here for full text details** **RCRA NonGen / NLR** EPA Id: KSD984968966 **FINDS** Registry ID:: 110003184777	**RCRA NonGen / NLR** **FINDS** **ECHO**	**1004704355** **KSD984968966**
D9 **NW** **< 1/8** **0.060 mi.** **315 ft.** **Relative:** **Higher**	**KEY CONSTRUCTION** **302 N OSAGE** **WICHITA, KS** **Click here for full text details** **LUST** Facility Id: 81654 Facility Status: Closed	**LUST**	**S103710630** **N/A**
C10 **SE** **< 1/8** **0.061 mi.** **324 ft.** **Relative:** **Lower**	**559 W DOUGLAS AVE** **WICHITA, KS 67213** **Click here for full text details**	**EDR Hist Auto**	**1015553055** **N/A**

C11
SE
< 1/8
0.063 mi.
335 ft.

Relative:
Lower

555 W DOUGLAS AVE
WICHITA, KS 67213

EDR Hist Cleaner — **1015075093** / **N/A**

Click here for full text details

E12
ESE
< 1/8
0.069 mi.
366 ft.

Relative:
Lower

CENTURY II SALES INC
520 W DOUGLAS (B)
WICHITA, KS 67203

RCRA NonGen / NLR, **FINDS**, **ECHO** — **1004703494** / **KSD981506652**

Click here for full text details

RCRA NonGen / NLR
EPA Id: KSD981506652

FINDS
Registry ID:: 110003173459

E13
ESE
< 1/8
0.069 mi.
366 ft.

Relative:
Lower

TOTAL #1896
520 W. DOUGLAS
WICHITA, KS 67203

LUST, **UST** — **U000716057** / **N/A**

Click here for full text details

LUST
Facility Id: 28379
Facility Status: Closed

UST
Facility Id: 28379
Tank Status: Permanently Out Of Use

E14
ESE
< 1/8
0.069 mi.
366 ft.

Relative:
Lower

MEL HAMBELTON VW PEUGEOT
520 W DOUGLAS (A)
WICHITA, KS 67203

RCRA NonGen / NLR, **FINDS**, **ECHO** — **1004703145** / **KSD980967632**

Click here for full text details

RCRA NonGen / NLR
EPA Id: KSD980967632

FINDS
Registry ID:: 110003168241

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
E15 ESE < 1/8 0.076 mi. 401 ft. Relative: Lower	**NICHOLS MOTORS INC 535 W DOUGLAS WICHITA, KS 67213** **Click here for full text details** **RCRA-CESQG** EPA Id: KSD031448806 **UST** Facility Id: 18211 Tank Status: Permanently Out Of Use **FINDS** Registry ID:: 110003153391	**RCRA-CESQG UST FINDS ECHO**	**1000243488 KSD031448806**
C16 SSE < 1/8 0.078 mi. 411 ft. Relative: Lower	**RIVER EDGE BAR 579 WEST DOUGLAS WICHITA, KS 67213** **Click here for full text details** **LUST** Facility Id: 82492 Facility Status: Closed	**LUST**	**S106531519 N/A**
F17 North < 1/8 0.078 mi. 413 ft. Relative: Higher	**JOHN ARNOLD ASSOCIATES, INC. 741 W 2ND WICHITA, KS 67203** **Click here for full text details** **LUST** Facility Id: 80084 Facility Status: Closed	**LUST**	**S101833590 N/A**
F18 North < 1/8 0.078 mi. 413 ft. Relative: Higher	**KEY CONSTRUCTION INC 741 W 2ND WICHITA, KS 67203** **Click here for full text details** **RCRA NonGen / NLR** EPA Id: KSP000000917	**RCRA NonGen / NLR**	**1007094338 KSP000000917**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
19 **South** **< 1/8** **0.085 mi.** **447 ft.** **Relative:** **Lower**	**124 S OAK ST** **WICHITA, KS 67213** **Click here for full text details**	**EDR Hist Auto**	**1015190870** **N/A**
D20 **NW** **< 1/8** **0.086 mi.** **456 ft.** **Relative:** **Higher**	**HOLTZEN WOODWORK** **317 N OSAGE** **WICHITA, KS 67203** **Click here for full text details** **RCRA NonGen / NLR** EPA Id: KSD058103193 **FINDS** Registry ID:: 110003157789	**RCRA NonGen / NLR** **FINDS** **ECHO**	**1004702321** **KSD058103193**
F21 **North** **< 1/8** **0.087 mi.** **461 ft.** **Relative:** **Higher**	**WATKINS INC** **711 W SECOND** **WICHITA, KS 67201** **Click here for full text details** **UST** Facility Id: 25957 Tank Status: Permanently Out Of Use	**UST**	**U000872976** **N/A**
22 **SW** **< 1/8** **0.088 mi.** **463 ft.** **Relative:** **Higher**	**WEST BANK MOTORS** **825 W DOUGLAS** **WICHITA, KS 67213** **Click here for full text details** **RCRA NonGen / NLR** EPA Id: KSD981709884 **FINDS** Registry ID:: 110003177543	**RCRA NonGen / NLR** **FINDS** **ECHO**	**1004703831** **KSD981709884**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
F23 **North** **< 1/8** **0.096 mi.** **506 ft.** **Relative:** **Higher**	**DOWN TOWN AUTO SVC** **720 W 2ND** **WICHITA, KS 67203** **Click here for full text details** **RCRA NonGen / NLR** EPA Id: KSD981120660 **FINDS** Registry ID:: 110003170381	**RCRA NonGen / NLR** **FINDS** **ECHO**	**1004703283** **KSD981120660**
G24 **West** **< 1/8** **0.099 mi.** **522 ft.** **Relative:** **Higher**	**BEATRICE DAIRY PRODUCTS CO.** **202 N HANDLEY** **WICHITA, KS 67203** **Click here for full text details** **UST** Facility Id: 25754 Tank Status: Permanently Out Of Use	**UST**	**U000872887** **N/A**
H25 **WNW** **< 1/8** **0.102 mi.** **541 ft.** **Relative:** **Higher**	**RYDER TRUCK RENTAL** **310 N HANDLEY** **WICHITA, KS 67203** **Click here for full text details** **LUST** Facility Id: 06536 Facility Status: Closed **UST** Facility Id: 06536 Tank Status: Permanently Out Of Use	**LUST** **UST**	**1000211721** **N/A**
H26 **WNW** **< 1/8** **0.102 mi.** **541 ft.** **Relative:** **Higher**	**310 N HANDLEY ST** **WICHITA, KS 67203** **Click here for full text details**	**EDR Hist Auto**	**1015412439** **N/A**

H27
WNW
< 1/8
0.102 mi.
541 ft.

Relative:
Higher

RYDER TRUCK RENTAL
310 N HANDLEY
WICHITA, KS 67203

RCRA NonGen / NLR
FINDS
ECHO

1004702322
KSD058103763

Click here for full text details

RCRA NonGen / NLR
EPA Id: KSD058103763

FINDS
Registry ID:: 110003157798

G28
West
< 1/8
0.106 mi.
562 ft.

Relative:
Higher

LUDEMAN INSULATION & SUPPLY
203 N. HANDLEY
WICHITA, KS 67203

SHWS
LAST

S106530095
N/A

Click here for full text details

SHWS
Site Status: Active
Project code: C208772739
Activity Status: C

LAST
Facility Id: 82459
Facility Status: Closed

I29
NNW
< 1/8
0.117 mi.
620 ft.

Relative:
Higher

DON D RUTHERFORD & SONS INC
807 W 2ND
WICHITA, KS 67203

RCRA-CESQG
FINDS
ECHO

1000825906
KSD985008044

Click here for full text details

RCRA-CESQG
EPA Id: KSD985008044

FINDS
Registry ID:: 110003197424

H30
WNW
< 1/8
0.118 mi.
623 ft.

Relative:
Higher

WOOTEN PRINTING
239 N HANDLEY
WICHITA, KS 67203

RCRA-CESQG
FINDS
ECHO

1004705349
KSR000001214

Click here for full text details

RCRA-CESQG
EPA Id: KSR000001214

FINDS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	WOOTEN PRINTING (Continued) Registry ID:: 110003204149		**1004705349**
I31 **NNW** **< 1/8** **0.122 mi.** **645 ft.** **Relative:** **Higher**	**CHET WILSON ENGINE SVC** **343 N OSAGE** **WICHITA, KS 67203** **Click here for full text details** **RCRA-CESQG** EPA Id: KSD031459589 **FINDS** Registry ID:: 110003153603	**RCRA-CESQG** **FINDS** **ECHO**	**1004702043** **KSD031459589**
I32 **NNW** **< 1/8** **0.122 mi.** **645 ft.** **Relative:** **Higher**	**343 N OSAGE ST** **WICHITA, KS 67203** **Click here for full text details**	**EDR Hist Auto**	**1015438724** **N/A**
I33 **NNW** **1/8-1/4** **0.128 mi.** **676 ft.** **Relative:** **Higher**	**MYCRO-TEK, INC.** **820 W 2ND** **WICHITA, KS 67203** **Click here for full text details** **RCRA NonGen / NLR** EPA Id: KSD073325557 **FINDS** Registry ID:: 110003160720	**RCRA NonGen / NLR** **FINDS** **ECHO**	**1004702575** **KSD073325557**
34 **SW** **1/8-1/4** **0.141 mi.** **746 ft.** **Relative:** **Higher**	**INTERNATIONAL CYCLING PRODUCTS INC** **929 W DOUGLAS** **WICHITA, KS 67213** **Click here for full text details** **RCRA-CESQG** EPA Id: KSD073318933 **FINDS** Registry ID:: 110003160631	**RCRA-CESQG** **FINDS** **ECHO**	**1004702568** **KSD073318933**

J35 **NW** **1/8-1/4** **0.181 mi.** **955 ft.** **Relative:** **Higher**	**CAR COLOR INC** **902 W 2ND** **WICHITA, KS 67203** **Click here for full text details** **RCRA-CESQG** EPA Id: KSD984966721 **FINDS** Registry ID:: 110003183590	**RCRA-CESQG** **FINDS** **ECHO**	**1000274148** **KSD984966721**
J36 **NW** **1/8-1/4** **0.192 mi.** **1015 ft.** **Relative:** **Higher**	**GOOLSBY PERFORMANCE TRANSMISSION** **521 N HANDLEY** **WICHITA, KS 67203** **Click here for full text details** **RCRA NonGen / NLR** EPA Id: KSD981708043 **FINDS** Registry ID:: 110003176973	**RCRA NonGen / NLR** **FINDS** **ECHO**	**1004703786** **KSD981708043**
37 **East** **1/8-1/4** **0.201 mi.** **1060 ft.** **Relative:** **Higher**	**BROADVIEW HOTEL** **400 W DOUGLAS AVE** **WICHITA, KS 67202** **Click here for full text details** **LUST** Facility Id: 81790 Facility Status: Closed	**LUST**	**S104938490** **N/A**
38 **SSE** **1/8-1/4** **0.206 mi.** **1088 ft.** **Relative:** **Lower**	**WICHITA BASEBALL INC** **300 S SYCAMORE** **WICHITA, KS 67213** **Click here for full text details** **RCRA-CESQG** EPA Id: KS0000556050 **FINDS** Registry ID:: 110003143134	**RCRA-CESQG** **FINDS** **ECHO**	**1004701330** **KS0000556050**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
39 NW 1/8-1/4 0.208 mi. 1099 ft. Relative: Higher	**B & B MACHINE & TOOLING INC 1011 W 2ND WICHITA, KS 67203** **Click here for full text details** **RCRA-CESQG** EPA Id: KSD102376589 **FINDS** Registry ID:: 110003164076	**RCRA-CESQG FINDS ECHO**	**1004702831 KSD102376589**
40 South 1/8-1/4 0.209 mi. 1105 ft. Relative: Lower	**303 S OAK ST WICHITA, KS 67213** **Click here for full text details**	**EDR Hist Auto**	**1015405636 N/A**
K41 ENE 1/8-1/4 0.223 mi. 1176 ft. Relative: Higher	**151 N. WACO BTA 151 N. WACO WICHITA, KS 67202** **Click here for full text details** **US BROWNFIELDS** ACRES property ID: 97361	**US BROWNFIELDS**	**1012127106 N/A**
K42 ENE 1/8-1/4 0.223 mi. 1176 ft. Relative: Higher	**151 N. WACO 151 N. WACO WICHITA, KS 67202** **Click here for full text details** **SHWS** Site Status: Active Project code: C208772466 Activity Status: C **LUST** Facility Id: 82779 Facility Status: Monitor	**SHWS LUST**	**S109550981 N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
K43 ENE 1/8-1/4 0.223 mi. 1178 ft. Relative: Higher	**WICHITA GAS ELECTRIC LIGHT AND POWER CO N. WACO STREET WICHITA, KS 67202 Click here for full text details**	**EDR MGP**	**1008407210 N/A**
K44 ENE 1/8-1/4 0.224 mi. 1183 ft. Relative: Higher	**RAMADA PARKING GARAGE 132 N WACO ST WICHITA, KS 67202 Click here for full text details CERCLIS-NFRAP** Site ID: 0702405 EPA Id: KSD984985945	**CERCLIS-NFRAP**	**1003877115 KSD984985945**
K45 ENE 1/8-1/4 0.224 mi. 1183 ft. Relative: Higher	**RAMADA PARKING GARAGE SITE 132 N WACO WICHITA, KS 67202 Click here for full text details SHWS** Site Status: Resolved Project code: C208700118 Activity Status: C	**SHWS**	**1000763333 N/A**
L46 West 1/8-1/4 0.228 mi. 1203 ft. Relative: Higher	**206 N SENECA ST WICHITA, KS 67203 Click here for full text details**	**EDR Hist Auto**	**1015314098 N/A**
L47 West 1/8-1/4 0.228 mi. 1203 ft. Relative: Higher	**BG&D, LLC 206 N SENECA WICHITA, KS 67203 Click here for full text details LUST** Facility Id: 03273 Facility Status: Monitor **UST** Facility Id: 03273 Tank Status: Temporarily Out Of Use	**LUST UST Financial Assurance**	**U000870749 N/A**

BG&D, LLC (Continued) **U000870749**

Financial Assurance
Facility Id: 03273

L48
West
1/8-1/4
0.229 mi.
1207 ft.

Relative:
Higher

JOES EXPRESS LUBE & OIL
220 N SENECA
WICHITA, KS 67203

RCRA-CESQG **1004704249**
FINDS **KSD981728652**
ECHO

Click here for full text details

RCRA-CESQG
EPA Id: KSD981728652

FINDS
Registry ID:: 110003183260

49
NW
1/8-1/4
0.232 mi.
1223 ft.

Relative:
Higher

BELGER CARTAGE SERVICE, INC
808 KIOWA
WICHITA, KS 67203

LUST **1000233978**
UST **KSD044619203**
AST
RCRA NonGen / NLR
FINDS
ECHO

Click here for full text details

LUST
Facility Id: 23448
Facility Status: Closed

UST
Facility Id: 23448
Tank Status: Permanently Out Of Use

AST
Tank Status: Permanently Out Of Use
Facility Id: 23448

RCRA NonGen / NLR
EPA Id: KSD044619203

FINDS
Registry ID:: 110003155031

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
50 SSW 1/8-1/4 0.234 mi. 1236 ft. Relative: Lower	**TRIMARK SIGNWORKS 318 S OSAGE WICHITA, KS 67213** Click here for full text details **RCRA-CESQG** EPA Id: KSD031429822 **FINDS** Registry ID:: 110003153113	**RCRA-CESQG FINDS ECHO**	**1000237032 KSD031429822**
M51 WNW 1/8-1/4 0.239 mi. 1260 ft. Relative: Higher	**344 N SENECA ST WICHITA, KS 67203** Click here for full text details	**EDR Hist Auto**	**1015439206 N/A**
M52 WNW 1/8-1/4 0.239 mi. 1260 ft. Relative: Higher	**ALLENS INC 344 N SENECA WICHITA, KS 67203** Click here for full text details **RCRA-CESQG** EPA Id: KSD981721806 **FINDS** Registry ID:: 110003181887	**RCRA-CESQG FINDS ECHO**	**1004704145 KSD981721806**
L53 West 1/8-1/4 0.244 mi. 1287 ft. Relative: Higher	**LITTLE JOE'S CAR WASH 201 N SENECA WICHITA, KS 67203** Click here for full text details **LUST** Facility Id: 03273 Facility Status: Closed	**LUST**	**S102843937 N/A**

K54
ENE
1/8-1/4
0.247 mi.
1303 ft.

Relative:
Higher

BUILDERS INC.
1ST & WACO
WICHITA, KS 67202

UST
U004220682
N/A

Click here for full text details

UST
Facility Id: 30542
Tank Status: Permanently Out Of Use

N55
WSW
1/4-1/2
0.254 mi.
1342 ft.

Relative:
Higher

QUIKTRIP #349R
1112 WEST DOUGLAS
WICHITA, KS 67203

LUST
UST
Financial Assurance
U001440139
N/A

Click here for full text details

LUST
Facility Id: 29679
Facility Status: Closed

UST
Facility Id: 29679
Tank Status: Permanently Out Of Use
Tank Status: Current In Use

Financial Assurance
Facility Id: 29679

N56
WSW
1/4-1/2
0.254 mi.
1342 ft.

Relative:
Higher

QUIK TRIP #349 R
1112 W DOUGLAS
WICHITA, KS 67203

LUST
S104818348
N/A

Click here for full text details

LUST
Facility Id: 29679
Facility Status: Closed

M57
WNW
1/4-1/2
0.272 mi.
1437 ft.

Relative:
Higher

RADIATION-FORMER AIR CAPITOL DIAL
1115 WEST SECOND
WICHITA, KS 67203

CERCLIS
PRP
ICIS
1014202230
KSN000705434

Click here for full text details

CERCLIS
Site ID: 0705434
EPA Id: KSN000705434

ICIS
FRS ID:: 110040837663

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
M58 **WNW** **1/4-1/2** **0.272 mi.** **1437 ft.** **Relative:** **Higher**	**AIR CAPITOL DIAL (FORMER)** **1115 WEST SECOND STREET** **WICHITA, KS 67203** **Click here for full text details** **SHWS** Site Status: Resolved Project code: C208772055 Activity Status: C	**SHWS**	**S107420916** **N/A**
59 **WNW** **1/4-1/2** **0.272 mi.** **1437 ft.** **Relative:** **Higher**	**QUIKTRIP #349** **403 N SENECA** **WICHITA, KS 67203** **Click here for full text details** **LUST** Facility Id: 07282 Facility Status: Closed **UST** Facility Id: 07282 Tank Status: Permanently Out Of Use	**LUST** **UST**	**U003083624** **N/A**
O60 **NE** **1/4-1/2** **0.277 mi.** **1460 ft.** **Relative:** **Higher**	**GREENWAY MANOR** **315 RIVERVIEW** **WICHITA, KS 67203** **Click here for full text details** **LUST** Facility Id: 29261 Facility Status: Closed	**LUST**	**S101833617** **N/A**
61 **SE** **1/4-1/2** **0.297 mi.** **1570 ft.** **Relative:** **Lower**	**MCKAY OIL CO.** **369 MCLEAN BLVD NW** **WICHITA, KS 67203** **Click here for full text details** **LUST** Facility Id: 02751 Facility Status: Closed	**LUST**	**S101833416** **N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
O62 **NE** **1/4-1/2** **0.300 mi.** **1583 ft.** **Relative:** **Higher**	**THE LAW COMPANY, INC.** **345 RIVERVIEW** **WICHITA, KS 67203** **Click here for full text details** **LUST** Facility Id: 28251 Facility Status: Closed **UST** Facility Id: 28251 Tank Status: Permanently Out Of Use	**LUST** **UST**	**U000198769** **N/A**
63 **South** **1/4-1/2** **0.303 mi.** **1601 ft.** **Relative:** **Lower**	**DUMONT STADIUM** **MAPLE & SYCAMORE** **WICHITA, KS** **Click here for full text details** **LUST** Facility Id: 80049 Facility Status: Closed	**LUST**	**S101833546** **N/A**
64 **WNW** **1/4-1/2** **0.321 mi.** **1694 ft.** **Relative:** **Higher**	**WEST 2ND AND DODGE** **W 2ND ST & N DODGE AVE** **WICHITA, KS 67203** **Click here for full text details** **SHWS** Site Status: Active Project code: C208772365 Activity Status: C	**SHWS**	**S109088779** **N/A**
P65 **ENE** **1/4-1/2** **0.342 mi.** **1805 ft.** **Relative:** **Higher**	**21ST STREET CORRIDOR #1 (SOUTH) PARCEL 102469** **210, 304, AND 310 W. 21ST STREET** **WICHITA, KS 67202** **Click here for full text details** **US BROWNFIELDS** ACRES property ID: 22267 **FINDS** Registry ID:: 110038744990	**US BROWNFIELDS** **FINDS** **ECHO**	**1016348506** **N/A**

P66
ENE
1/4-1/2
0.342 mi.
1805 ft.

Relative:
Higher

21ST STREET CORRIDOR #1 (SOUTH) PARCEL 102468
210, 304, AND 310 W. 21ST STREET
WICHITA, KS 67202

US BROWNFIELDS
FINDS
ECHO

1016348505
N/A

Click here for full text details

US BROWNFIELDS
ACRES property ID: 22266

FINDS
Registry ID:: 110038744981

P67
ENE
1/4-1/2
0.342 mi.
1805 ft.

Relative:
Higher

21ST STREET CORRIDOR #1 (SOUTH) PARCEL 102466
210, 304, AND 310 W. 21ST STREET
WICHITA, KS 67202

US BROWNFIELDS
FINDS
ECHO

1016348503
N/A

Click here for full text details

US BROWNFIELDS
ACRES property ID: 22264

FINDS
Registry ID:: 110038744963

68
NE
1/4-1/2
0.348 mi.
1837 ft.

Relative:
Higher

US POSTAL SERV(DOWNTOWN STATIO
330 W 2ND ST
WICHITA, KS 67276

LUST
UST

U000717171
N/A

Click here for full text details

LUST
Facility Id: 28203
Facility Status: Closed

UST
Facility Id: 28203
Tank Status: Permanently Out Of Use

69
NW
1/4-1/2
0.379 mi.
2002 ft.

Relative:
Higher

THE PANTRY #1641 (DBA PRESTO #
515 N SENECA
WICHITA, KS 67203

LUST
UST
Financial Assurance

U000874389
N/A

Click here for full text details

LUST
Facility Id: 29233
Facility Status: Closed

UST

THE PANTRY #1641 (DBA PRESTO # (Continued) **U000874389**

Facility Id: 29233
Tank Status: Current In Use

Financial Assurance
Facility Id: 29233

Q70
SW
1/4-1/2
0.385 mi.
2033 ft.

Relative:
Lower

ALIGNMENT SPECIALIST **LUST** **S101833372**
406 S SENECA **N/A**
WICHITA, KS 67201

Click here for full text details

LUST
Facility Id: 80095
Facility Status: Closed

Q71
SW
1/4-1/2
0.385 mi.
2034 ft.

Relative:
Lower

7-ELEVEN #250 **LUST** **S102688434**
1102 N MAPLE **N/A**
WICHITA, KS 67213

Click here for full text details

LUST
Facility Id: 27140
Facility Status: Closed

72
WNW
1/4-1/2
0.398 mi.
2102 ft.

Relative:
Higher

LYN WATCHOUS ESTATE **LUST** **S101833520**
1326 W 2ND **N/A**
WICHITA, KS 67203

Click here for full text details

LUST
Facility Id: 80052
Facility Status: Closed

R73
NE
1/4-1/2
0.403 mi.
2129 ft.

Relative:
Higher

MCCONNELL AFB, BLDG 317 DORM **LUST** **S104234813**
317 WICHITA ST **N/A**
WICHITA, KS 67221

Click here for full text details

LUST
Facility Id: 81727
Facility Status: Closed

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
74 SE 1/4-1/2 0.414 mi. 2187 ft. Relative: Lower	**WICHITA BOAT HOUSE 335 N LEWIS WICHITA, KS** **Click here for full text details** **LUST** Facility Id: 81160 Facility Status: Closed	**LUST**	**S101901130 N/A**
R75 NE 1/4-1/2 0.417 mi. 2203 ft. Relative: Higher	**MCCONNELL AFB, BLDG. 316 316 WICHITA ST. WICHITA, KS** **Click here for full text details** **LUST** Facility Id: 27961 Facility Status: Closed	**LUST**	**S108048085 N/A**
76 West 1/4-1/2 0.419 mi. 2212 ft. Relative: Higher	**MILLING PRECISION TOOL 118 N MARTINSON WICHITA, KS 67203** **Click here for full text details** **LUST** Facility Id: 80060 Facility Status: Closed	**LUST**	**S102406753 N/A**
77 ENE 1/4-1/2 0.419 mi. 2213 ft. Relative: Higher	**CENTRE CITY PLAZA BUILDING 151 N. MAIN WICHITA, KS 67202** **Click here for full text details** **LUST** Facility Id: 29460 Facility Status: Closed **UST** Facility Id: 29460 Tank Status: Permanently Out Of Use	**LUST UST**	**U000874494 N/A**

78
WSW
1/4-1/2
0.432 mi.
2279 ft.

Relative:
Higher

FIRE STATION #4
101 S MARTINSON
WICHITA, KS 67213

LUST
UST
Financial Assurance

U000871875
N/A

Click here for full text details

LUST
Facility Id: 09163
Facility Status: Closed

UST
Facility Id: 09163
Tank Status: Permanently Out Of Use

Financial Assurance
Facility Id: 09163

79
ESE
1/4-1/2
0.437 mi.
2307 ft.

Relative:
Lower

SOUTHWEST GREASE & OIL CO
220 W WATERMAN
WICHITA, KS 67202

CERCLIS-NFRAP

1003876330
KSD981704521

Click here for full text details

CERCLIS-NFRAP
Site ID: 0700688
EPA Id: KSD981704521

S80
NNE
1/4-1/2
0.439 mi.
2316 ft.

Relative:
Higher

WICHITA RIVER CORRIDOR IMPROVEMENT PROPERTY
555 WEST CENTRAL AVE
WICHITA, KS 67202

US BROWNFIELDS

1009311099
N/A

Click here for full text details

US BROWNFIELDS
ACRES property ID: 11125

S81
NNE
1/4-1/2
0.439 mi.
2316 ft.

Relative:
Higher

RIVER CORRIDOR IMPROVEMENT PROJECT -- BTA
555 W. CENTRAL
WICHITA, KS 67202

SHWS

S106666093
N/A

Click here for full text details

SHWS
Site Status: Active
Project code: C208771945
Activity Status: C

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
T82 ESE 1/4-1/2 0.447 mi. 2362 ft. Relative: Lower	**FORMER GSA MOTOR POOL 420 S. WATER WICHITA, KS 67202** **Click here for full text details** **LUST** Facility Id: 29670 Facility Status: Closed **UST** Facility Id: 29670 Tank Status: Permanently Out Of Use	**LUST UST**	**U001440133 N/A**
T83 SE 1/4-1/2 0.463 mi. 2447 ft. Relative: Lower	**HARMON INC 225 W LEWIS WICHITA, KS 67202** **Click here for full text details** **CERCLIS-NFRAP** Site ID: 0700488 EPA Id: KSD007235567 **RCRA NonGen / NLR** EPA Id: KSD007235567 **FINDS** Registry ID:: 110003147700	**CERCLIS-NFRAP RCRA NonGen / NLR FINDS ECHO**	**1003876219 KSD007235567**
U84 East 1/4-1/2 0.485 mi. 2560 ft. Relative: Higher	**KSBT BLDG, FORMER 123 N MARKET WICHITA, KS 67201** **Click here for full text details** **SHWS** Site Status: Resolved Project code: C208770979 Activity Status: C **LUST** Facility Id: 30017 Facility Status: Closed	**SHWS LUST**	**S105624454 N/A**

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
V85 **West** **1/4-1/2** **0.489 mi.** **2584 ft.** **Relative:** **Higher**	**HOME OIL COMPANY** **123 N ELIZABETH** **WICHITA, KS 67205** **Click here for full text details** **LUST** Facility Id: 15524 Facility Status: Closed	**LUST**	**S108194775** **N/A**
V86 **West** **1/4-1/2** **0.490 mi.** **2585 ft.** **Relative:** **Higher**	**HOME OIL** **125 N ELIZABETH** **WICHITA, KS 67203** **Click here for full text details** **LUST** Facility Id: 15524 Facility Status: Closed	**LUST**	**S106530523** **N/A**
87 **ESE** **1/4-1/2** **0.490 mi.** **2588 ft.** **Relative:** **Lower**	**INSTRUCTIONAL SUPPORT CENTER** **412 S MAIN** **WICHITA, KS** **Click here for full text details** **LUST** Facility Id: 26302 Facility Status: Closed	**LUST**	**S102406889** **N/A**
88 **ENE** **1/4-1/2** **0.492 mi.** **2599 ft.** **Relative:** **Higher**	**IPC REAL ESTATE MANAGEMENT LLC** **301 N MAIN** **WICHITA, KS 67202** **Click here for full text details** **LUST** Facility Id: 28226 Facility Status: Closed **UST** Facility Id: 28226 Tank Status: Permanently Out Of Use **Financial Assurance** Facility Id: 28226	**LUST** **UST** **Financial Assurance**	**U000873964** **N/A**

89
WSW
1/4-1/2
0.493 mi.
2601 ft.

Relative:
Higher

RANDY'S SMALL ENGINE REPAIR
1501 W DOUGLAS
WICHITA, KS 67213

LUST **S101833903**
N/A

Click here for full text details

LUST
Facility Id: 81199
Facility Status: Closed

U90
East
1/4-1/2
0.497 mi.
2625 ft.

Relative:
Higher

FIRST NATIONAL BANK
BOX 1
WICHITA, KS 67201

LUST **S102047031**
N/A

Click here for full text details

LUST
Facility Id: 80074
Facility Status: Closed

91
ESE
1/2-1
0.550 mi.
2905 ft.

Relative:
Lower

WICHITA WATERWALK PROJECT
515 SOUTH MAIN
WICHITA, KS 67202

SHWS **S106666082**
N/A

Click here for full text details

SHWS
Site Status: Active
Project code: C208771934
Activity Status: C
Activity Status: P
Activity Status: U

92
ESE
1/2-1
0.594 mi.
3135 ft.

Relative:
Lower

INSTRUMENTS, INC. (FORMER)
205 EAST LEWIS
WICHITA, KS

SHWS **S108408678**
N/A

Click here for full text details

SHWS
Site Status: Resolved
Project code: C208772246
Activity Status: C
Activity Status: U

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
93 ESE 1/2-1 0.663 mi. 3500 ft. Relative: Lower	**AIRCRAFT INSTRUMENTS AND DEVELOPMENT/EAST LEWIS 317 E LEWIS WICHITA, KS** Click here for full text details **SHWS** Site Status: Resolved Project code: C208772355 Activity Status: C	**SHWS**	**S108954048 N/A**
94 West 1/2-1 0.696 mi. 3677 ft. Relative: Higher	**AIR CAPITOL DIAL (CURRENT) 220 NORTH VINE WICHITA, KS** Click here for full text details **SHWS** Site Status: Transferred out of the bureau Project code: C208772045 Activity Status: C	**SHWS**	**S107032652 N/A**
95 WNW 1/2-1 0.709 mi. 3746 ft. Relative: Higher	**AIR CAPITOL UPGRADIENT WEST 2ND AND VINE STREET WICHITA, KS 67203** Click here for full text details **SHWS** Site Status: Active Project code: C208772384 Activity Status: C	**SHWS**	**S109412307 N/A**
96 ESE 1/2-1 0.723 mi. 3819 ft. Relative: Lower	**AIRCRAFT INSTRUMENTS & DEVELOPMENT INC. (GILBERT & 535 S TOPEKA WICHITA, KS 67202** Click here for full text details **SHWS** Site Status: Active Project code: C208700003 Activity Status: C Activity Status: U	**SHWS**	**S107032642 N/A**

97
NNE
1/2-1
0.774 mi.
4087 ft.

Relative:
Higher

JACOBS INSTRUMENT
807 N. WACO
WICHITA, KS

SHWS
S109149953
N/A

Click here for full text details

SHWS
Site Status: Active
Project code: C208772405
Activity Status: P

98
WNW
1/2-1
0.784 mi.
4141 ft.

Relative:
Higher

1812 W 2ND STREET, WICHITA
1812 W 2ND STREET
WICHITA, KS 67202

SHWS
VCP
S105624453
N/A

Click here for full text details

SHWS
Site Status: Resolved
Project code: C208770924
Activity Status: C

VCP
Project code: C208770924
Site Status: Resolved

99
ENE
1/2-1
0.802 mi.
4237 ft.

Relative:
Lower

COLEMAN CO INC
3600 N HYDRAULIC
WICHITA, KS 67219

SHWS
LUST
UST
INST CONTROL
SPILLS
1000205873
N/A

Click here for full text details

SHWS
Site Status: Active
Project code: C208700181
Activity Status: C
Activity Status: U

LUST
Facility Id: 23854
Facility Status: Closed

UST
Facility Id: 23854
Tank Status: Permanently Out Of Use

INST CONTROL
Project Code: C208700181
Site ID: 367

SPILLS

COLEMAN CO INC (Continued) **1000205873**

Close Date: 04/04/2012
Status: Closed
Spill Number: 33782

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100 East 1/2-1 0.861 mi. 4546 ft.

Relative: Higher

TRI-STATE NORTH **SHWS** **S108408694**
326-330 S. COMMERCE ST. **N/A**
WICHITA, KS

Click here for full text details

SHWS
Site Status: Active
Project code: C208772243
Activity Status: U
Activity Status: C

---

101 ESE 1/2-1 0.923 mi. 4874 ft.

Relative: Higher

WICHITA TRANSIT STORAGE ADMIN. **SHWS** **U003707952**
777 E. WATERMAN **LUST** **N/A**
WICHITA, KS 67202 **UST**
Financial Assurance

Click here for full text details

SHWS
Site Status: Active
Project code: C208770621
Activity Status: C
Activity Status: U

LUST
Facility Id: 30117
Facility Status: Closed

UST
Facility Id: 30117
Tank Status: Current In Use
Tank Status: Permanently Out Of Use

Financial Assurance
Facility Id: 30117

---

102 NNE 1/2-1 0.955 mi. 5041 ft.

Relative: Higher

WACO HANDI WASH INC **SHWS** **S107032650**
1008 N WACO ST **DRYCLEANERS** **N/A**
WICHITA, KS 67203

Click here for full text details

SHWS
Site Status: Active
Project code: C208772011

WACO HANDI WASH INC (Continued) **S107032650**

Activity Status: C
Activity Status: U

DRYCLEANERS
Registration Num: 0096--CL
Registration Num: 0302--CL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
KS	AIRS	Title V Source Information	Department of Health & Environment	12/31/2013	10/21/2014	12/16/2014
KS	AOCONCERN	Area of Concern	Department of Environmental Health		04/25/2002	06/28/2002
KS	AST	Aboveground Storage Tank Data	Department of Health and Environment	10/06/2015	10/29/2015	12/03/2015
KS	BROWNFIELDS	Identified Sites List	Department of Health & Environment	10/22/2015	10/23/2015	12/03/2015
KS	CDL	Clandestine Laboratory Data	Department of Health and Environment	09/29/2009	10/02/2009	10/20/2009
KS	CITY DUMPS	City Dump Listing	Department of Health & Environment	12/02/2015	12/04/2015	01/14/2016
KS	COAL ASH	Coal Ash Disposal Site Listing	Department of Health & Environment	05/04/2015	05/07/2015	05/11/2015
KS	DRYCLEANERS	Registered Drycleaning Facilities	Department of Health & Environment	12/14/2015	12/17/2015	02/12/2016
KS	Financial Assurance	Financial Assurance Information Listing	Department of Health & Environment	10/06/2015	10/29/2015	12/10/2015
KS	INST CONTROL	Institutional Controls Information	Department of Health & Environment	10/22/2015	10/23/2015	12/03/2015
KS	LAST	Leaking Aboveground Storage Tanks	Department of Health & Environment	10/06/2015	10/29/2015	12/03/2015
KS	LUST	Leaking Underground Storage Tank Data	Department of Health and Environment	10/06/2015	10/29/2015	12/03/2015
KS	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Health and Environment		07/01/2013	01/03/2014
KS	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Health and Environment		07/01/2013	01/20/2014
KS	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Department of Health and Environment		07/01/2013	01/03/2014
KS	SHWS	Identified Sites List	Department of Health and Environment	10/22/2015	10/23/2015	12/03/2015
KS	SPILLS	Kansas Spills Database	Department of Health and Environment	10/15/2015	10/23/2015	12/03/2015
KS	SPILLS 2	Spills Database	Kansas Corporation Commission	10/09/2015	10/13/2015	12/03/2015
KS	SWF/LF	Directory of Sanitary Landfills, Solid Waste Transfer Statio	Department of Health and Environment	11/13/2015	11/17/2015	01/14/2016
KS	TIER 2	Tier 2 Information Listing	Department of Health & Environment	12/31/2014	07/10/2015	07/17/2015
KS	UIC	Underground Injection Wells Database Listing	Department of Health & Environment	11/09/2015	11/12/2015	12/03/2015
KS	UST	Underground Storage Tank Data	Department of Health and Environment	10/06/2015	10/29/2015	12/03/2015
KS	VCP	Identified Sites List	Department of Health & Environment	10/22/2015	10/23/2015	12/03/2015
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	04/22/2013	03/03/2015	03/09/2015
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2013	02/24/2015	09/30/2015
US	CERCLIS	Comprehensive Environmental Response, Compensation, and Liab	EPA	10/25/2013	11/11/2013	02/13/2014
US	CERCLIS-NFRAP	CERCLIS No Further Remedial Action Planned	EPA	10/25/2013	11/11/2013	02/13/2014
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	12/31/2014	04/17/2015	06/02/2015
US	CORRACTS	Corrective Action Report	EPA	06/09/2015	06/26/2015	09/16/2015
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	Delisted NPL	National Priority List Deletions	EPA	10/30/2015	11/07/2015	01/04/2016
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	09/20/2015	09/23/2015	01/04/2016
US	EDR Hist Auto	EDR Exclusive Historic Gas Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historic Dry Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	06/22/2015	06/26/2015	09/16/2015
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	03/26/2015	04/08/2015	06/11/2015
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FEMA UST	Underground Storage Tank Listing	FEMA	01/01/2010	02/16/2010	04/12/2010
US	FINDS	Facility Index System/Facility Registry System	EPA	07/20/2015	09/09/2015	11/03/2015
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	01/31/2015	07/08/2015	10/13/2015
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	11/23/2015	11/24/2015	02/18/2016
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	11/23/2015	11/24/2015	02/18/2016
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	06/24/2015	06/26/2015	09/02/2015
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	01/23/2015	02/06/2015	03/09/2015
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/27/2015	10/29/2015	01/04/2016
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	01/07/2016	01/08/2016	02/18/2016
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	11/24/2015	12/01/2015	01/04/2016
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	11/04/2015	11/13/2015	01/04/2016
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	08/20/2015	10/30/2015	02/18/2016
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	03/30/2015	04/28/2015	06/22/2015
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	10/13/2015	10/23/2015	02/18/2016
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	01/08/2015	01/08/2015	02/09/2015
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2005	12/08/2006	01/11/2007
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/20/2015	10/29/2015	01/04/2016
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	01/07/2016	01/08/2016	02/18/2016
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	11/24/2015	12/01/2015	01/04/2016
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	11/05/2015	11/13/2015	01/04/2016
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	08/20/2015	10/30/2015	02/18/2016
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	09/23/2014	11/25/2014	01/29/2015
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	10/13/2015	10/23/2015	02/18/2016
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	12/14/2014	02/13/2015	03/13/2015
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	11/25/2014	11/26/2014	01/29/2015
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	02/18/2014	03/18/2014	04/24/2014
US	LUCIS	Land Use Control Information System	Department of the Navy	05/28/2015	05/29/2015	06/11/2015
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	06/26/2015	07/10/2015	10/13/2015
US	NPL	National Priority List	EPA	10/30/2015	11/07/2015	01/04/2016
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	07/01/2014	10/15/2014	11/17/2014
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	02/01/2011	10/19/2011	01/10/2012
US	PRP	Potentially Responsible Parties	EPA	10/25/2013	10/17/2014	10/20/2014
US	Proposed NPL	Proposed National Priority List Sites	EPA	10/30/2015	11/07/2015	01/04/2016
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/07/2015	07/09/2015	09/16/2015
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	06/09/2015	06/26/2015	09/16/2015
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	06/09/2015	06/26/2015	09/16/2015
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	06/09/2015	06/26/2015	09/16/2015
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	06/09/2015	06/26/2015	09/16/2015
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	06/09/2015	06/26/2015	09/16/2015
US	RMP	Risk Management Plans	Environmental Protection Agency	08/01/2015	08/26/2015	11/03/2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	ROD	Records Of Decision	EPA	11/25/2013	12/12/2013	02/24/2014
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	03/07/2011	03/09/2011	05/02/2011
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2013	02/12/2015	06/02/2015
US	TSCA	Toxic Substances Control Act	EPA	12/31/2012	01/15/2015	01/29/2015
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	09/14/2010	10/07/2011	03/01/2012
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/20/2015	10/27/2015	01/04/2016
US	US AIRS MINOR	Air Facility System Data	EPA	10/20/2015	10/27/2015	01/04/2016
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	12/22/2015	12/23/2015	02/18/2016
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	09/17/2015	12/04/2015	02/18/2016
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	09/10/2015	09/11/2015	11/03/2015
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	09/01/2015	09/03/2015	11/03/2015
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	09/17/2015	12/04/2015	02/18/2016
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	09/10/2015	09/11/2015	11/03/2015
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/18/2015	09/01/2015	01/04/2016
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	07/30/2013	08/19/2013	10/03/2013
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	11/02/2015	11/08/2015	12/09/2015
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2013	06/19/2015	07/15/2015
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	12/31/2014	03/19/2015	04/07/2015

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
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US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
KS	State Wetlands	Wetland Inventory	US Fish & Wildlife Service			
US	Topographic Map		U.S. Geological Survey			

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

DELANO CATALYST SITE PARCEL 1A
SW CORNER SYCAMORE & MCLEAN
WICHITA, KS 67203

TARGET PROPERTY COORDINATES

Latitude (North):	37.68557 - 37˚ 41' 8.05''
Longitude (West):	97.34794 - 97˚ 20' 52.58''
Universal Tranverse Mercator:	Zone 14
UTM X (Meters):	645672.3
UTM Y (Meters):	4172008.5
Elevation:	1300 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5690709 WICHITA EAST, KS
Version Date:	2012

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

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

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

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

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).

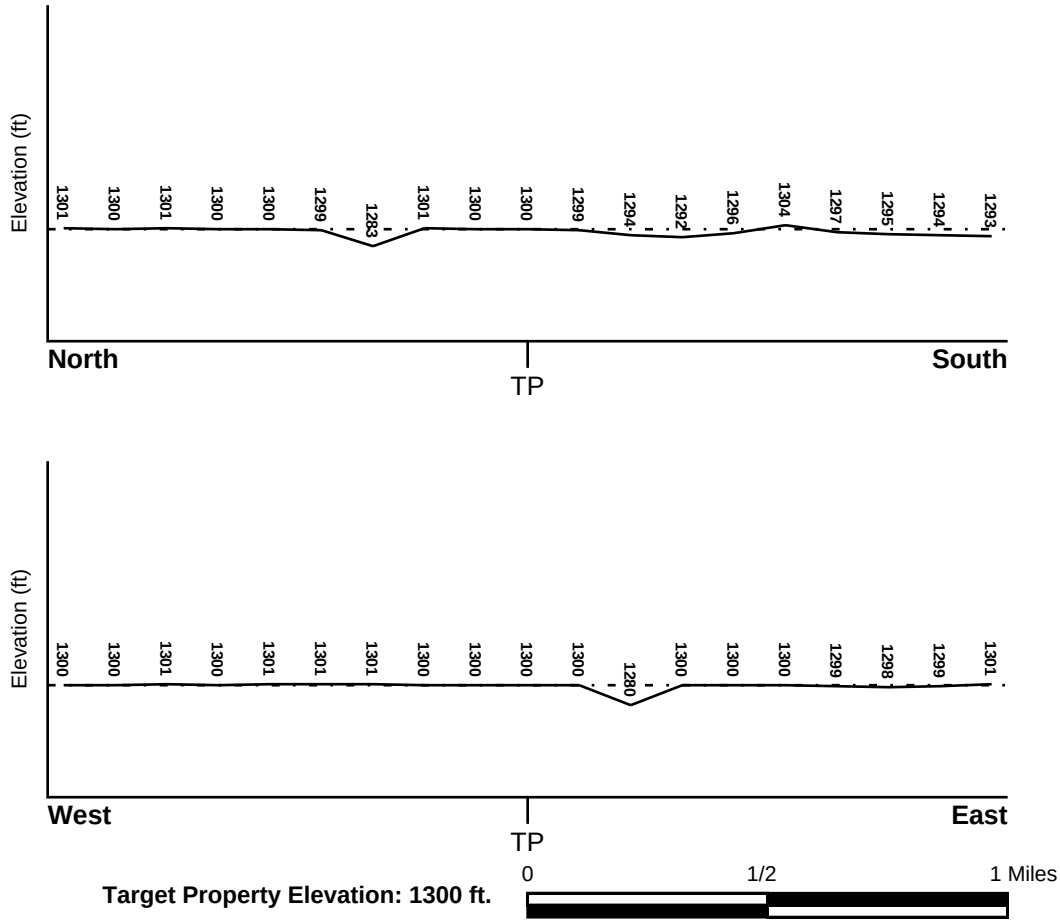
TOPOGRAPHIC INFORMATION

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 ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 1300 ft.

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

Target Property County	FEMA Flood Electronic Data
SEDGWICK, KS	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 20173C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
WICHITA EAST	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

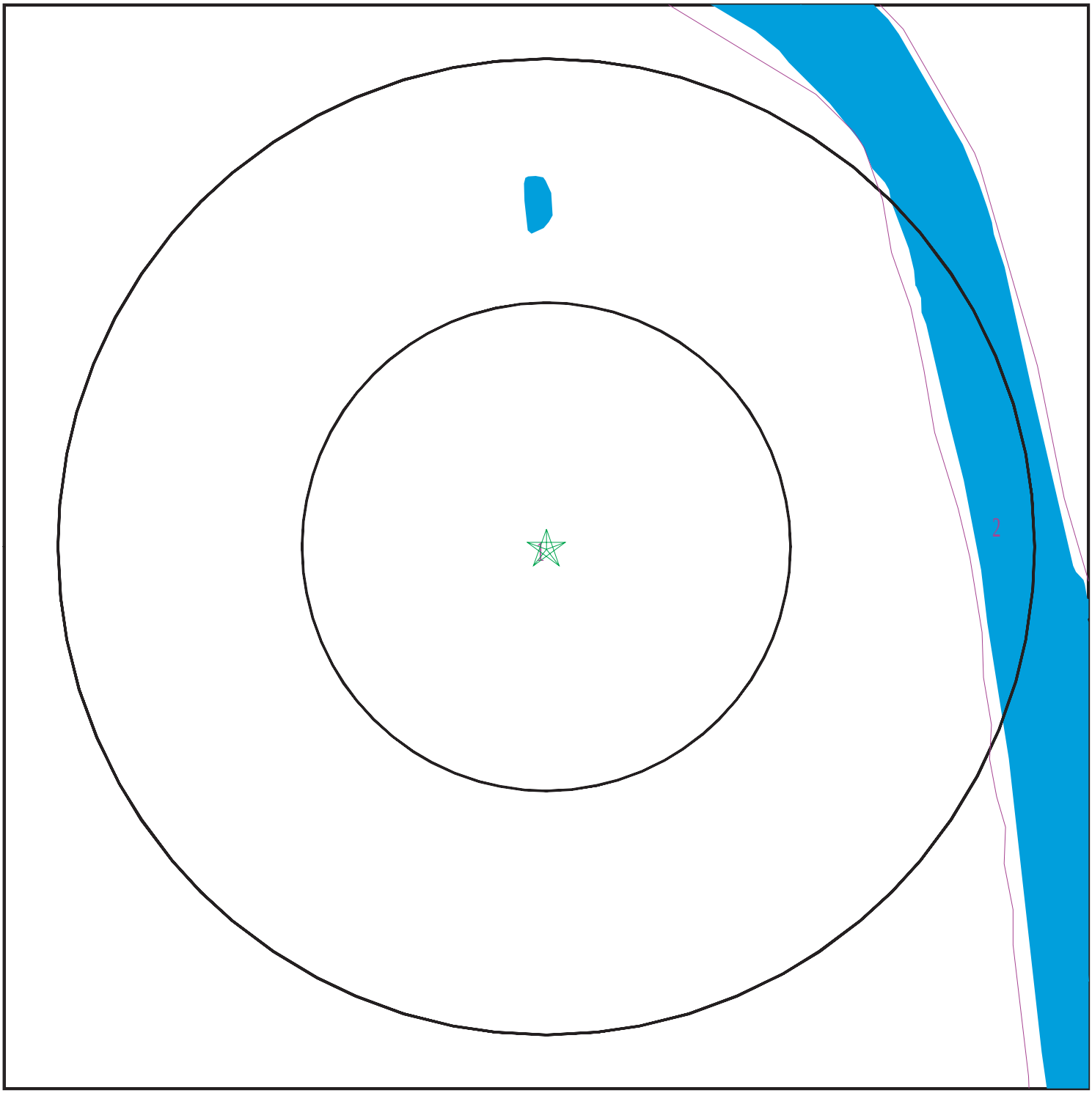
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed 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 - 4560126.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Delano Catalyst Site Parcel 1A	CLIENT:	GSI Engineering, LLC
ADDRESS:	SW Corner Sycamore & Mclean Wichita KS 67203	CONTACT:	Gregg Armstrong
		INQUIRY #:	4560126.2s
LAT/LONG:	37.68557 / 97.34794	DATE:	March 09, 2016 6:41 pm

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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: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class: Well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Water

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
75	USGS40000336180	1/4 - 1/2 Mile SE
J88	USGS40000336256	1/4 - 1/2 Mile ENE
142	USGS40000336431	1/4 - 1/2 Mile North
O143	USGS40000336314	1/4 - 1/2 Mile NE
O144	USGS40000336315	1/4 - 1/2 Mile NE
O145	USGS40000336316	1/4 - 1/2 Mile NE
T178	USGS40000336255	1/4 - 1/2 Mile ENE
U179	USGS40000336450	1/4 - 1/2 Mile North
X187	USGS40000336082	1/4 - 1/2 Mile WSW
X188	USGS40000336083	1/4 - 1/2 Mile WSW
Y227	USGS40000336181	1/2 - 1 Mile WSW
AG238	USGS40000336084	1/2 - 1 Mile WSW
AG239	USGS40000336085	1/2 - 1 Mile WSW
320	USGS40000336486	1/2 - 1 Mile NNW
AL327	USGS40000336182	1/2 - 1 Mile WSW
AL328	USGS40000336183	1/2 - 1 Mile WSW
AX359	USGS40000336252	1/2 - 1 Mile East
AX360	USGS40000336251	1/2 - 1 Mile East
AX361	USGS40000336254	1/2 - 1 Mile East
AX362	USGS40000336253	1/2 - 1 Mile East
AY364	USGS40000336086	1/2 - 1 Mile WSW
BI553	USGS40000336311	1/2 - 1 Mile ENE
BI554	USGS40000336312	1/2 - 1 Mile ENE
BI555	USGS40000336313	1/2 - 1 Mile ENE
BN613	USGS40000336409	1/2 - 1 Mile ENE
BN614	USGS40000336410	1/2 - 1 Mile ENE
BN615	USGS40000336411	1/2 - 1 Mile ENE
BL616	USGS40000336553	1/2 - 1 Mile NNW
618	USGS40000336193	1/2 - 1 Mile West
622	USGS40000336639	1/2 - 1 Mile North
BX663	USGS40000336554	1/2 - 1 Mile NNW
CC680	USGS40000336665	1/2 - 1 Mile North
BZ711	USGS40000336310	1/2 - 1 Mile ENE
BV712	USGS40000336638	1/2 - 1 Mile NNE
CL821	USGS40000336487	1/2 - 1 Mile NW
CS831	USGS40000336556	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
CS832	USGS40000336557	1/2 - 1 Mile NW
CS833	USGS40000336555	1/2 - 1 Mile NW
DH891	USGS40000336250	1/2 - 1 Mile East
DJ938	USGS40000336560	1/2 - 1 Mile NW
DJ939	USGS40000336561	1/2 - 1 Mile NW
DJ940	USGS40000336558	1/2 - 1 Mile NW
DJ941	USGS40000336559	1/2 - 1 Mile NW
DJ942	USGS40000336562	1/2 - 1 Mile NW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	KS8000000153966	0 - 1/8 Mile NNE
2	KS8000000066121	0 - 1/8 Mile South
A3	KS8000000066115	0 - 1/8 Mile WNW
A4	KS8000000150918	0 - 1/8 Mile WNW
B5	KS8000000066106	1/8 - 1/4 Mile SW
B6	KS8000000131772	1/8 - 1/4 Mile SW
C7	KS8000000066072	1/8 - 1/4 Mile NW
C8	KS8000000066094	1/8 - 1/4 Mile NW
D9	KS8000000115367	1/8 - 1/4 Mile SSW
D10	KS8000000115368	1/8 - 1/4 Mile SSW
E11	KS8000000179721	1/8 - 1/4 Mile West
E12	KS8000000179722	1/8 - 1/4 Mile West
E13	KS8000000179723	1/8 - 1/4 Mile West
E14	KS8000000179718	1/8 - 1/4 Mile West
E15	KS8000000179719	1/8 - 1/4 Mile West
E16	KS8000000179720	1/8 - 1/4 Mile West
E17	KS8000000197058	1/8 - 1/4 Mile West
E18	KS8000000197061	1/8 - 1/4 Mile West
E19	KS8000000197064	1/8 - 1/4 Mile West
E20	KS8000000179724	1/8 - 1/4 Mile West
E21	KS8000000179725	1/8 - 1/4 Mile West
E22	KS8000000182536	1/8 - 1/4 Mile West
E23	KS8000000179717	1/8 - 1/4 Mile West
E24	KS8000000163077	1/8 - 1/4 Mile West
E25	KS8000000163078	1/8 - 1/4 Mile West
E26	KS8000000163079	1/8 - 1/4 Mile West
E27	KS8000000163074	1/8 - 1/4 Mile West
E28	KS8000000163075	1/8 - 1/4 Mile West
E29	KS8000000163076	1/8 - 1/4 Mile West

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
E30	KS8000000163083	1/8 - 1/4 Mile West
E31	KS8000000163084	1/8 - 1/4 Mile West
E32	KS8000000179716	1/8 - 1/4 Mile West
E33	KS8000000163080	1/8 - 1/4 Mile West
E34	KS8000000163081	1/8 - 1/4 Mile West
E35	KS8000000163082	1/8 - 1/4 Mile West
E36	KS8000000215499	1/8 - 1/4 Mile West
E37	KS8000000215500	1/8 - 1/4 Mile West
E38	KS8000000215501	1/8 - 1/4 Mile West
E39	KS8000000215496	1/8 - 1/4 Mile West
E40	KS8000000215497	1/8 - 1/4 Mile West
E41	KS8000000215498	1/8 - 1/4 Mile West
E42	KS8000000215549	1/8 - 1/4 Mile West
E43	KS8000000215550	1/8 - 1/4 Mile West
E44	KS8000000215551	1/8 - 1/4 Mile West
E45	KS8000000215504	1/8 - 1/4 Mile West
E46	KS8000000215506	1/8 - 1/4 Mile West
E47	KS8000000215507	1/8 - 1/4 Mile West
E48	KS8000000215494	1/8 - 1/4 Mile West
E49	KS8000000197070	1/8 - 1/4 Mile West
E50	KS8000000206113	1/8 - 1/4 Mile West
E51	KS8000000206114	1/8 - 1/4 Mile West
E52	KS8000000197065	1/8 - 1/4 Mile West
E53	KS8000000197068	1/8 - 1/4 Mile West
E54	KS8000000197069	1/8 - 1/4 Mile West
E55	KS8000000215488	1/8 - 1/4 Mile West
E56	KS8000000215490	1/8 - 1/4 Mile West
E57	KS8000000215492	1/8 - 1/4 Mile West
E58	KS8000000206115	1/8 - 1/4 Mile West
E59	KS8000000206116	1/8 - 1/4 Mile West
E60	KS8000000206117	1/8 - 1/4 Mile West
F61	KS8000000066098	1/4 - 1/2 Mile East
F62	KS8000000066100	1/4 - 1/2 Mile East
F63	KS8000000066101	1/4 - 1/2 Mile East
F64	KS8000000066080	1/4 - 1/2 Mile East
F65	KS8000000066077	1/4 - 1/2 Mile East
F66	KS8000000066078	1/4 - 1/2 Mile East
F67	KS8000000066079	1/4 - 1/2 Mile East
F68	KS8000000066110	1/4 - 1/2 Mile East
F69	KS8000000066111	1/4 - 1/2 Mile East
F70	KS8000000066112	1/4 - 1/2 Mile East
F71	KS8000000066105	1/4 - 1/2 Mile East
F72	KS8000000066102	1/4 - 1/2 Mile East
F73	KS8000000066103	1/4 - 1/2 Mile East
F74	KS8000000066104	1/4 - 1/2 Mile East
G76	KS8000000066081	1/4 - 1/2 Mile SSE
G77	KS8000000198536	1/4 - 1/2 Mile SSE
78	KS8000000066120	1/4 - 1/2 Mile NW
79	KS8000000115917	1/4 - 1/2 Mile WNW
80	KS8000000150917	1/4 - 1/2 Mile NNW
H81	KS8000000109432	1/4 - 1/2 Mile NNW
H82	KS8000000109431	1/4 - 1/2 Mile NNW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
H83	KS8000000110928	1/4 - 1/2 Mile NNW
H84	KS8000000110927	1/4 - 1/2 Mile NNW
85	KS8000000066118	1/4 - 1/2 Mile South
I86	KS8000000099516	1/4 - 1/2 Mile SSW
I87	KS8000000218104	1/4 - 1/2 Mile SSW
89	KS8000000203538	1/4 - 1/2 Mile NW
K90	KS8000000141087	1/4 - 1/2 Mile West
K91	KS8000000141088	1/4 - 1/2 Mile West
K92	KS8000000141089	1/4 - 1/2 Mile West
K93	KS8000000141086	1/4 - 1/2 Mile West
K94	KS8000000066036	1/4 - 1/2 Mile West
K95	KS8000000141084	1/4 - 1/2 Mile West
K96	KS8000000141085	1/4 - 1/2 Mile West
K97	KS8000000159412	1/4 - 1/2 Mile West
K98	KS8000000182533	1/4 - 1/2 Mile West
K99	KS8000000182534	1/4 - 1/2 Mile West
K100	KS8000000182535	1/4 - 1/2 Mile West
K101	KS8000000182532	1/4 - 1/2 Mile West
K102	KS8000000182529	1/4 - 1/2 Mile West
K103	KS8000000182530	1/4 - 1/2 Mile West
K104	KS8000000182531	1/4 - 1/2 Mile West
105	KS8000000192615	1/4 - 1/2 Mile SSE
106	KS8000000110355	1/4 - 1/2 Mile SW
L107	KS8000000190226	1/4 - 1/2 Mile NNE
L108	KS8000000190225	1/4 - 1/2 Mile NNE
L109	KS8000000190227	1/4 - 1/2 Mile NNE
L110	KS8000000190229	1/4 - 1/2 Mile NNE
L111	KS8000000190228	1/4 - 1/2 Mile NNE
L112	KS8000000190224	1/4 - 1/2 Mile NNE
L113	KS8000000178163	1/4 - 1/2 Mile NNE
L114	KS8000000066095	1/4 - 1/2 Mile NNE
L115	KS8000000178164	1/4 - 1/2 Mile NNE
L116	KS8000000178166	1/4 - 1/2 Mile NNE
L117	KS8000000178165	1/4 - 1/2 Mile NNE
L118	KS8000000190230	1/4 - 1/2 Mile NNE
L119	KS8000000202792	1/4 - 1/2 Mile NNE
L120	KS8000000202791	1/4 - 1/2 Mile NNE
L121	KS8000000202793	1/4 - 1/2 Mile NNE
L122	KS8000000202795	1/4 - 1/2 Mile NNE
L123	KS8000000202794	1/4 - 1/2 Mile NNE
L124	KS8000000202790	1/4 - 1/2 Mile NNE
L125	KS8000000190232	1/4 - 1/2 Mile NNE
L126	KS8000000190231	1/4 - 1/2 Mile NNE
L127	KS8000000202776	1/4 - 1/2 Mile NNE
L128	KS8000000202787	1/4 - 1/2 Mile NNE
L129	KS8000000202777	1/4 - 1/2 Mile NNE
J130	KS8000000066123	1/4 - 1/2 Mile ENE
J131	KS8000000066122	1/4 - 1/2 Mile ENE
J132	KS8000000244638	1/4 - 1/2 Mile ENE
J133	KS8000000192612	1/4 - 1/2 Mile ENE
134	KS8000000127739	1/4 - 1/2 Mile WSW
M135	KS8000000066032	1/4 - 1/2 Mile WNW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
M136	KS8000000097149	1/4 - 1/2 Mile WNW
N137	KS8000000066093	1/4 - 1/2 Mile ESE
N138	KS8000000066082	1/4 - 1/2 Mile ESE
N139	KS8000000104254	1/4 - 1/2 Mile ESE
N140	KS8000000131439	1/4 - 1/2 Mile ESE
N141	KS8000000130979	1/4 - 1/2 Mile ESE
P146	KS8000000066096	1/4 - 1/2 Mile NE
P147	KS8000000066097	1/4 - 1/2 Mile NE
P148	KS8000000066099	1/4 - 1/2 Mile NE
149	KS8000000209046	1/4 - 1/2 Mile SSW
Q150	KS8000000066090	1/4 - 1/2 Mile ESE
Q151	KS8000000066091	1/4 - 1/2 Mile ESE
Q152	KS8000000066092	1/4 - 1/2 Mile ESE
R153	KS8000000123176	1/4 - 1/2 Mile SW
R154	KS8000000066031	1/4 - 1/2 Mile SW
R155	KS8000000203851	1/4 - 1/2 Mile SW
R156	KS8000000221339	1/4 - 1/2 Mile SW
R157	KS8000000208804	1/4 - 1/2 Mile SW
S158	KS8000000095282	1/4 - 1/2 Mile NW
S159	KS8000000095280	1/4 - 1/2 Mile NW
S160	KS8000000095285	1/4 - 1/2 Mile NW
S161	KS8000000095283	1/4 - 1/2 Mile NW
S162	KS8000000095278	1/4 - 1/2 Mile NW
S163	KS8000000095270	1/4 - 1/2 Mile NW
S164	KS8000000095267	1/4 - 1/2 Mile NW
S165	KS8000000095275	1/4 - 1/2 Mile NW
S166	KS8000000095272	1/4 - 1/2 Mile NW
S167	KS8000000111178	1/4 - 1/2 Mile NW
S168	KS8000000130976	1/4 - 1/2 Mile NW
S169	KS8000000130975	1/4 - 1/2 Mile NW
S170	KS8000000130978	1/4 - 1/2 Mile NW
S171	KS8000000130977	1/4 - 1/2 Mile NW
S172	KS8000000130974	1/4 - 1/2 Mile NW
S173	KS8000000130971	1/4 - 1/2 Mile NW
S174	KS8000000130970	1/4 - 1/2 Mile NW
S175	KS8000000130973	1/4 - 1/2 Mile NW
S176	KS8000000130972	1/4 - 1/2 Mile NW
177	KS8000000066516	1/4 - 1/2 Mile SSW
180	KS8000000131438	1/4 - 1/2 Mile West
U181	KS8000000106696	1/4 - 1/2 Mile North
U182	KS8000000106697	1/4 - 1/2 Mile North
V183	KS8000000143389	1/4 - 1/2 Mile West
V184	KS8000000143400	1/4 - 1/2 Mile West
W185	KS8000000066062	1/4 - 1/2 Mile East
W186	KS8000000066063	1/4 - 1/2 Mile East
Y189	KS8000000107272	1/2 - 1 Mile WSW
Y190	KS8000000127893	1/2 - 1 Mile WSW
T191	KS8000000121921	1/2 - 1 Mile ENE
Z192	KS8000000066046	1/2 - 1 Mile WNW
Z193	KS8000000134896	1/2 - 1 Mile WNW
Z194	KS8000000188947	1/2 - 1 Mile WNW
195	KS8000000066119	1/2 - 1 Mile NE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
196	KS8000000168045	1/2 - 1 Mile SE
AA197	KS8000000104036	1/2 - 1 Mile SW
AA198	KS8000000066624	1/2 - 1 Mile SW
AA199	KS8000000115369	1/2 - 1 Mile SW
AA200	KS8000000184497	1/2 - 1 Mile SW
AA201	KS8000000120249	1/2 - 1 Mile SW
AB202	KS8000000066107	1/2 - 1 Mile NNE
AB203	KS8000000066109	1/2 - 1 Mile NNE
AC204	KS8000000104037	1/2 - 1 Mile SSE
AC205	KS8000000104687	1/2 - 1 Mile SSE
206	KS8000000197056	1/2 - 1 Mile NNW
X207	KS8000000092712	1/2 - 1 Mile WSW
X208	KS8000000093081	1/2 - 1 Mile WSW
X209	KS8000000093082	1/2 - 1 Mile WSW
210	KS8000000245102	1/2 - 1 Mile WNW
AD211	KS8000000091816	1/2 - 1 Mile ESE
AD212	KS8000000091814	1/2 - 1 Mile ESE
AD213	KS8000000151349	1/2 - 1 Mile ESE
AD214	KS8000000151346	1/2 - 1 Mile ESE
AD215	KS8000000091808	1/2 - 1 Mile ESE
AD216	KS8000000091805	1/2 - 1 Mile ESE
AD217	KS8000000091812	1/2 - 1 Mile ESE
AD218	KS8000000091810	1/2 - 1 Mile ESE
AD219	KS8000000151382	1/2 - 1 Mile ESE
AD220	KS8000000151355	1/2 - 1 Mile ESE
AD221	KS8000000169785	1/2 - 1 Mile ESE
AD222	KS8000000169784	1/2 - 1 Mile ESE
AD223	KS8000000151352	1/2 - 1 Mile ESE
AD224	KS8000000151350	1/2 - 1 Mile ESE
AD225	KS8000000151354	1/2 - 1 Mile ESE
AD226	KS8000000151353	1/2 - 1 Mile ESE
AE228	KS8000000066560	1/2 - 1 Mile South
AE229	KS8000000066546	1/2 - 1 Mile South
AE230	KS8000000066565	1/2 - 1 Mile South
AE231	KS8000000225648	1/2 - 1 Mile South
AE232	KS8000000066566	1/2 - 1 Mile South
233	KS8000000066113	1/2 - 1 Mile ENE
234	KS8000000119659	1/2 - 1 Mile SSW
AF235	KS8000000066037	1/2 - 1 Mile West
AF236	KS8000000153328	1/2 - 1 Mile West
AF237	KS8000000153329	1/2 - 1 Mile West
240	KS8000000135214	1/2 - 1 Mile West
241	KS8000000066117	1/2 - 1 Mile NE
242	KS8000000106699	1/2 - 1 Mile North
AH243	KS8000000111988	1/2 - 1 Mile NW
AH244	KS8000000111989	1/2 - 1 Mile NW
AH245	KS8000000115357	1/2 - 1 Mile NW
AH246	KS8000000111987	1/2 - 1 Mile NW
AH247	KS8000000066038	1/2 - 1 Mile NW
AH248	KS8000000104743	1/2 - 1 Mile NW
AH249	KS8000000111188	1/2 - 1 Mile NW
AH250	KS8000000115358	1/2 - 1 Mile NW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AH251	KS8000000115787	1/2 - 1 Mile NW
AH252	KS8000000115788	1/2 - 1 Mile NW
AH253	KS8000000194874	1/2 - 1 Mile NW
AH254	KS8000000115362	1/2 - 1 Mile NW
AH255	KS8000000115359	1/2 - 1 Mile NW
AH256	KS8000000115360	1/2 - 1 Mile NW
AH257	KS8000000115361	1/2 - 1 Mile NW
AI258	KS8000000066076	1/2 - 1 Mile East
AI259	KS8000000066083	1/2 - 1 Mile East
AI260	KS8000000066075	1/2 - 1 Mile East
AI261	KS8000000066073	1/2 - 1 Mile East
AI262	KS8000000066074	1/2 - 1 Mile East
AI263	KS8000000108608	1/2 - 1 Mile East
AI264	KS8000000197007	1/2 - 1 Mile East
AI265	KS8000000108607	1/2 - 1 Mile East
AI266	KS8000000066114	1/2 - 1 Mile East
AI267	KS8000000066116	1/2 - 1 Mile East
AJ268	KS8000000066534	1/2 - 1 Mile SE
AJ269	KS8000000066535	1/2 - 1 Mile SE
AJ270	KS8000000066536	1/2 - 1 Mile SE
AJ271	KS8000000066531	1/2 - 1 Mile SE
AJ272	KS8000000066532	1/2 - 1 Mile SE
AJ273	KS8000000066533	1/2 - 1 Mile SE
AJ274	KS8000000135218	1/2 - 1 Mile SE
AJ275	KS8000000236160	1/2 - 1 Mile SE
AJ276	KS8000000236161	1/2 - 1 Mile SE
AJ277	KS8000000135215	1/2 - 1 Mile SE
AJ278	KS8000000135216	1/2 - 1 Mile SE
AJ279	KS8000000135217	1/2 - 1 Mile SE
AK280	KS8000000099067	1/2 - 1 Mile SW
AK281	KS8000000137954	1/2 - 1 Mile SW
AL282	KS8000000119728	1/2 - 1 Mile WSW
AM283	KS8000000118080	1/2 - 1 Mile SE
AM284	KS8000000118079	1/2 - 1 Mile SE
AM285	KS8000000092327	1/2 - 1 Mile SE
AM286	KS8000000126795	1/2 - 1 Mile SE
AM287	KS8000000118082	1/2 - 1 Mile SE
AM288	KS8000000118081	1/2 - 1 Mile SE
AM289	KS8000000092326	1/2 - 1 Mile SE
AM290	KS8000000092322	1/2 - 1 Mile SE
AM291	KS8000000092321	1/2 - 1 Mile SE
AM292	KS8000000066124	1/2 - 1 Mile SE
AM293	KS8000000092325	1/2 - 1 Mile SE
AM294	KS8000000092324	1/2 - 1 Mile SE
AM295	KS8000000092323	1/2 - 1 Mile SE
AM296	KS8000000126797	1/2 - 1 Mile SE
AM297	KS8000000169780	1/2 - 1 Mile SE
AM298	KS8000000142857	1/2 - 1 Mile SE
AM299	KS8000000142856	1/2 - 1 Mile SE
AM300	KS8000000169783	1/2 - 1 Mile SE
AM301	KS8000000169782	1/2 - 1 Mile SE
AM302	KS8000000169781	1/2 - 1 Mile SE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AM303	KS8000000126806	1/2 - 1 Mile SE
AM304	KS8000000126801	1/2 - 1 Mile SE
AM305	KS8000000126799	1/2 - 1 Mile SE
AM306	KS8000000126798	1/2 - 1 Mile SE
AM307	KS8000000126805	1/2 - 1 Mile SE
AM308	KS8000000126803	1/2 - 1 Mile SE
AM309	KS8000000126802	1/2 - 1 Mile SE
AN310	KS8000000243615	1/2 - 1 Mile WNW
AN311	KS8000000243616	1/2 - 1 Mile WNW
312	KS8000000066621	1/2 - 1 Mile SSW
313	KS8000000066085	1/2 - 1 Mile ESE
AO314	KS8000000243037	1/2 - 1 Mile ENE
AO315	KS8000000108080	1/2 - 1 Mile ENE
AO316	KS8000000066084	1/2 - 1 Mile ENE
AO317	KS8000000243040	1/2 - 1 Mile ENE
AO318	KS8000000243039	1/2 - 1 Mile ENE
AO319	KS8000000243038	1/2 - 1 Mile ENE
AK321	KS8000000066607	1/2 - 1 Mile SW
AP322	KS8000000105676	1/2 - 1 Mile WNW
AP323	KS8000000145396	1/2 - 1 Mile WNW
AQ324	KS8000000101308	1/2 - 1 Mile ESE
AQ325	KS8000000130980	1/2 - 1 Mile ESE
AQ326	KS8000000151381	1/2 - 1 Mile ESE
AR329	KS8000000066547	1/2 - 1 Mile South
AR330	KS8000000066557	1/2 - 1 Mile South
AR331	KS8000000126164	1/2 - 1 Mile South
332	KS8000000094090	1/2 - 1 Mile NE
AS333	KS8000000066558	1/2 - 1 Mile South
AS334	KS8000000066549	1/2 - 1 Mile South
AS335	KS8000000066548	1/2 - 1 Mile South
AS336	KS8000000240552	1/2 - 1 Mile South
AS337	KS8000000240551	1/2 - 1 Mile South
AS338	KS8000000066561	1/2 - 1 Mile South
AT339	KS8000000066559	1/2 - 1 Mile SSW
AT340	KS8000000066545	1/2 - 1 Mile SSW
AT341	KS8000000223313	1/2 - 1 Mile SSW
AT342	KS8000000129234	1/2 - 1 Mile SSW
343	KS8000000138793	1/2 - 1 Mile NNE
AU344	KS8000000066591	1/2 - 1 Mile SW
AU345	KS8000000066584	1/2 - 1 Mile SW
AU346	KS8000000066599	1/2 - 1 Mile SW
AU347	KS8000000145231	1/2 - 1 Mile SW
AU348	KS8000000092701	1/2 - 1 Mile SW
AV349	KS8000000066543	1/2 - 1 Mile SE
AV350	KS8000000066544	1/2 - 1 Mile SE
AW351	KS8000000066066	1/2 - 1 Mile ENE
AW352	KS8000000066067	1/2 - 1 Mile ENE
AW353	KS8000000066064	1/2 - 1 Mile ENE
AW354	KS8000000066065	1/2 - 1 Mile ENE
AW355	KS8000000135510	1/2 - 1 Mile ENE
AW356	KS8000000135511	1/2 - 1 Mile ENE
AW357	KS8000000066068	1/2 - 1 Mile ENE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AW358	KS8000000066108	1/2 - 1 Mile ENE
363	KS8000000066030	1/2 - 1 Mile NNW
AZ365	KS8000000066582	1/2 - 1 Mile SW
AZ366	KS8000000102644	1/2 - 1 Mile SW
BA367	KS8000000066507	1/2 - 1 Mile SSE
BA368	KS8000000066506	1/2 - 1 Mile SSE
BA369	KS8000000066513	1/2 - 1 Mile SSE
BA370	KS8000000066508	1/2 - 1 Mile SSE
BB371	KS8000000066550	1/2 - 1 Mile South
BB372	KS8000000066527	1/2 - 1 Mile South
BB373	KS8000000066526	1/2 - 1 Mile South
BB374	KS8000000066551	1/2 - 1 Mile South
BB375	KS8000000066554	1/2 - 1 Mile South
BB376	KS8000000066553	1/2 - 1 Mile South
BB377	KS8000000066552	1/2 - 1 Mile South
BB378	KS8000000066525	1/2 - 1 Mile South
BB379	KS8000000066520	1/2 - 1 Mile South
BB380	KS8000000066518	1/2 - 1 Mile South
BB381	KS8000000066517	1/2 - 1 Mile South
BB382	KS8000000066521	1/2 - 1 Mile South
BB383	KS8000000066524	1/2 - 1 Mile South
BB384	KS8000000066523	1/2 - 1 Mile South
BB385	KS8000000066522	1/2 - 1 Mile South
BB386	KS8000000171981	1/2 - 1 Mile South
BB387	KS8000000171980	1/2 - 1 Mile South
BB388	KS8000000171979	1/2 - 1 Mile South
BB389	KS8000000171982	1/2 - 1 Mile South
BB390	KS8000000238909	1/2 - 1 Mile South
BB391	KS8000000171984	1/2 - 1 Mile South
BB392	KS8000000171983	1/2 - 1 Mile South
BB393	KS8000000171978	1/2 - 1 Mile South
BB394	KS8000000066562	1/2 - 1 Mile South
BB395	KS8000000066556	1/2 - 1 Mile South
BB396	KS8000000066555	1/2 - 1 Mile South
BB397	KS8000000066563	1/2 - 1 Mile South
BB398	KS8000000171977	1/2 - 1 Mile South
BB399	KS8000000137953	1/2 - 1 Mile South
BB400	KS8000000066564	1/2 - 1 Mile South
BC401	KS8000000113956	1/2 - 1 Mile West
BC402	KS8000000113957	1/2 - 1 Mile West
BC403	KS8000000120037	1/2 - 1 Mile West
BC404	KS8000000113955	1/2 - 1 Mile West
BC405	KS8000000066033	1/2 - 1 Mile West
BC406	KS8000000066034	1/2 - 1 Mile West
BC407	KS8000000066048	1/2 - 1 Mile West
BC408	KS8000000125409	1/2 - 1 Mile West
BC409	KS8000000141157	1/2 - 1 Mile West
BC410	KS8000000141158	1/2 - 1 Mile West
BC411	KS8000000142244	1/2 - 1 Mile West
BC412	KS8000000135507	1/2 - 1 Mile West
BC413	KS8000000125410	1/2 - 1 Mile West
BC414	KS8000000125411	1/2 - 1 Mile West

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BC415	KS8000000125412	1/2 - 1 Mile West
BD416	KS8000000123178	1/2 - 1 Mile West
BD417	KS8000000066055	1/2 - 1 Mile West
BD418	KS8000000066040	1/2 - 1 Mile West
BD419	KS8000000140792	1/2 - 1 Mile West
BD420	KS8000000136990	1/2 - 1 Mile West
BD421	KS8000000136667	1/2 - 1 Mile West
422	KS8000000151190	1/2 - 1 Mile North
BE423	KS8000000196857	1/2 - 1 Mile ESE
BE424	KS8000000196856	1/2 - 1 Mile ESE
BE425	KS8000000196855	1/2 - 1 Mile ESE
BE426	KS8000000196860	1/2 - 1 Mile ESE
BE427	KS8000000196859	1/2 - 1 Mile ESE
BE428	KS8000000196858	1/2 - 1 Mile ESE
BE429	KS8000000196854	1/2 - 1 Mile ESE
BE430	KS8000000196850	1/2 - 1 Mile ESE
BE431	KS8000000196849	1/2 - 1 Mile ESE
BE432	KS8000000196848	1/2 - 1 Mile ESE
BE433	KS8000000196853	1/2 - 1 Mile ESE
BE434	KS8000000196852	1/2 - 1 Mile ESE
BE435	KS8000000196851	1/2 - 1 Mile ESE
BE436	KS8000000202481	1/2 - 1 Mile ESE
BE437	KS8000000202480	1/2 - 1 Mile ESE
BE438	KS8000000202479	1/2 - 1 Mile ESE
BE439	KS8000000202484	1/2 - 1 Mile ESE
BE440	KS8000000202483	1/2 - 1 Mile ESE
BE441	KS8000000202482	1/2 - 1 Mile ESE
BE442	KS8000000202478	1/2 - 1 Mile ESE
BE443	KS8000000196863	1/2 - 1 Mile ESE
BE444	KS8000000196862	1/2 - 1 Mile ESE
BE445	KS8000000196861	1/2 - 1 Mile ESE
BE446	KS8000000202477	1/2 - 1 Mile ESE
BE447	KS8000000202476	1/2 - 1 Mile ESE
BE448	KS8000000200862	1/2 - 1 Mile ESE
BE449	KS8000000098374	1/2 - 1 Mile ESE
BE450	KS8000000098372	1/2 - 1 Mile ESE
BE451	KS8000000066089	1/2 - 1 Mile ESE
BE452	KS8000000098388	1/2 - 1 Mile ESE
BE453	KS8000000098378	1/2 - 1 Mile ESE
BE454	KS8000000098376	1/2 - 1 Mile ESE
BE455	KS8000000066088	1/2 - 1 Mile ESE
BE456	KS8000000066061	1/2 - 1 Mile ESE
BE457	KS8000000066060	1/2 - 1 Mile ESE
BE458	KS8000000066059	1/2 - 1 Mile ESE
BE459	KS8000000066071	1/2 - 1 Mile ESE
BE460	KS8000000066070	1/2 - 1 Mile ESE
BE461	KS8000000066069	1/2 - 1 Mile ESE
BE462	KS8000000165215	1/2 - 1 Mile ESE
BE463	KS8000000165214	1/2 - 1 Mile ESE
BE464	KS8000000165213	1/2 - 1 Mile ESE
BE465	KS8000000196847	1/2 - 1 Mile ESE
BE466	KS8000000165217	1/2 - 1 Mile ESE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BE467	KS8000000165216	1/2 - 1 Mile ESE
BE468	KS8000000165212	1/2 - 1 Mile ESE
BE469	KS8000000136405	1/2 - 1 Mile ESE
BE470	KS8000000102347	1/2 - 1 Mile ESE
BE471	KS8000000098391	1/2 - 1 Mile ESE
BE472	KS8000000165211	1/2 - 1 Mile ESE
BE473	KS8000000165210	1/2 - 1 Mile ESE
BE474	KS8000000165209	1/2 - 1 Mile ESE
BE475	KS8000000245167	1/2 - 1 Mile ESE
BE476	KS8000000245166	1/2 - 1 Mile ESE
BE477	KS8000000245165	1/2 - 1 Mile ESE
BE478	KS8000000245170	1/2 - 1 Mile ESE
BE479	KS8000000245169	1/2 - 1 Mile ESE
BE480	KS8000000245168	1/2 - 1 Mile ESE
BE481	KS8000000245126	1/2 - 1 Mile ESE
BE482	KS8000000245122	1/2 - 1 Mile ESE
BE483	KS8000000245121	1/2 - 1 Mile ESE
BE484	KS8000000245120	1/2 - 1 Mile ESE
BE485	KS8000000245125	1/2 - 1 Mile ESE
BE486	KS8000000245124	1/2 - 1 Mile ESE
BE487	KS8000000245123	1/2 - 1 Mile ESE
BE488	KS8000000245180	1/2 - 1 Mile ESE
BE489	KS8000000245179	1/2 - 1 Mile ESE
BE490	KS8000000245178	1/2 - 1 Mile ESE
BE491	KS8000000245183	1/2 - 1 Mile ESE
BE492	KS8000000245182	1/2 - 1 Mile ESE
BE493	KS8000000245181	1/2 - 1 Mile ESE
BE494	KS8000000245177	1/2 - 1 Mile ESE
BE495	KS8000000245173	1/2 - 1 Mile ESE
BE496	KS8000000245172	1/2 - 1 Mile ESE
BE497	KS8000000245171	1/2 - 1 Mile ESE
BE498	KS8000000245176	1/2 - 1 Mile ESE
BE499	KS8000000245175	1/2 - 1 Mile ESE
BE500	KS8000000245174	1/2 - 1 Mile ESE
BE501	KS8000000245103	1/2 - 1 Mile ESE
BE502	KS8000000218257	1/2 - 1 Mile ESE
BE503	KS8000000218255	1/2 - 1 Mile ESE
BE504	KS8000000245106	1/2 - 1 Mile ESE
BE505	KS8000000245105	1/2 - 1 Mile ESE
BE506	KS8000000245104	1/2 - 1 Mile ESE
BE507	KS8000000202491	1/2 - 1 Mile ESE
BE508	KS8000000202487	1/2 - 1 Mile ESE
BE509	KS8000000202486	1/2 - 1 Mile ESE
BE510	KS8000000202485	1/2 - 1 Mile ESE
BE511	KS8000000202490	1/2 - 1 Mile ESE
BE512	KS8000000202489	1/2 - 1 Mile ESE
BE513	KS8000000202488	1/2 - 1 Mile ESE
BE514	KS8000000245116	1/2 - 1 Mile ESE
BE515	KS8000000245115	1/2 - 1 Mile ESE
BE516	KS8000000245114	1/2 - 1 Mile ESE
BE517	KS8000000245119	1/2 - 1 Mile ESE
BE518	KS8000000245118	1/2 - 1 Mile ESE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BE519	KS8000000245117	1/2 - 1 Mile ESE
BE520	KS8000000245113	1/2 - 1 Mile ESE
BE521	KS8000000245109	1/2 - 1 Mile ESE
BE522	KS8000000245108	1/2 - 1 Mile ESE
BE523	KS8000000245107	1/2 - 1 Mile ESE
BE524	KS8000000245112	1/2 - 1 Mile ESE
BE525	KS8000000245111	1/2 - 1 Mile ESE
BE526	KS8000000245110	1/2 - 1 Mile ESE
BF527	KS8000000066604	1/2 - 1 Mile SSW
BF528	KS8000000066603	1/2 - 1 Mile SSW
BF529	KS8000000102458	1/2 - 1 Mile SSW
BF530	KS8000000102454	1/2 - 1 Mile SSW
BF531	KS8000000066587	1/2 - 1 Mile SSW
BF532	KS8000000066586	1/2 - 1 Mile SSW
BF533	KS8000000066602	1/2 - 1 Mile SSW
BF534	KS8000000066594	1/2 - 1 Mile SSW
BF535	KS8000000103013	1/2 - 1 Mile SSW
BF536	KS8000000103012	1/2 - 1 Mile SSW
BF537	KS8000000103016	1/2 - 1 Mile SSW
BF538	KS8000000103015	1/2 - 1 Mile SSW
BF539	KS8000000102465	1/2 - 1 Mile SSW
BF540	KS8000000102461	1/2 - 1 Mile SSW
BF541	KS8000000103010	1/2 - 1 Mile SSW
BF542	KS8000000102469	1/2 - 1 Mile SSW
BG543	KS8000000066049	1/2 - 1 Mile WSW
BG544	KS8000000135062	1/2 - 1 Mile WSW
BH545	KS8000000232260	1/2 - 1 Mile East
BH546	KS8000000232261	1/2 - 1 Mile East
BH547	KS8000000232262	1/2 - 1 Mile East
BH548	KS8000000232259	1/2 - 1 Mile East
BH549	KS8000000066203	1/2 - 1 Mile East
BH550	KS8000000066202	1/2 - 1 Mile East
BH551	KS8000000066210	1/2 - 1 Mile East
BH552	KS8000000066204	1/2 - 1 Mile East
AX556	KS8000000066167	1/2 - 1 Mile East
BJ557	KS8000000150914	1/2 - 1 Mile WNW
BJ558	KS8000000150915	1/2 - 1 Mile WNW
BK559	KS8000000066305	1/2 - 1 Mile ESE
BK560	KS8000000066195	1/2 - 1 Mile ESE
BK561	KS8000000066185	1/2 - 1 Mile ESE
BK562	KS8000000066306	1/2 - 1 Mile ESE
BK563	KS8000000066309	1/2 - 1 Mile ESE
BK564	KS8000000066308	1/2 - 1 Mile ESE
BK565	KS8000000066307	1/2 - 1 Mile ESE
AV566	KS8000000246281	1/2 - 1 Mile SE
BL567	KS8000000156029	1/2 - 1 Mile NNW
AY568	KS8000000066047	1/2 - 1 Mile WSW
BI569	KS8000000210941	1/2 - 1 Mile ENE
BI570	KS8000000210940	1/2 - 1 Mile ENE
BI571	KS8000000066209	1/2 - 1 Mile ENE
BI572	KS8000000210944	1/2 - 1 Mile ENE
BI573	KS8000000210943	1/2 - 1 Mile ENE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BI574	KS8000000210942	1/2 - 1 Mile ENE
BI575	KS8000000066194	1/2 - 1 Mile ENE
BI576	KS8000000066193	1/2 - 1 Mile ENE
BI577	KS8000000066165	1/2 - 1 Mile ENE
BI578	KS8000000066207	1/2 - 1 Mile ENE
BI579	KS8000000066206	1/2 - 1 Mile ENE
BI580	KS8000000066205	1/2 - 1 Mile ENE
BI581	KS8000000243042	1/2 - 1 Mile ENE
BI582	KS8000000243041	1/2 - 1 Mile ENE
BI583	KS8000000215849	1/2 - 1 Mile ENE
BI584	KS8000000243045	1/2 - 1 Mile ENE
BI585	KS8000000243044	1/2 - 1 Mile ENE
BI586	KS8000000243043	1/2 - 1 Mile ENE
BI587	KS8000000215845	1/2 - 1 Mile ENE
BI588	KS8000000215844	1/2 - 1 Mile ENE
BI589	KS8000000210977	1/2 - 1 Mile ENE
BI590	KS8000000215848	1/2 - 1 Mile ENE
BI591	KS8000000215847	1/2 - 1 Mile ENE
BI592	KS8000000215846	1/2 - 1 Mile ENE
BM593	KS8000000179219	1/2 - 1 Mile NE
BM594	KS8000000179217	1/2 - 1 Mile NE
BM595	KS8000000179220	1/2 - 1 Mile NE
BM596	KS8000000196938	1/2 - 1 Mile NE
BM597	KS8000000179222	1/2 - 1 Mile NE
BM598	KS8000000066087	1/2 - 1 Mile NE
BM599	KS8000000066086	1/2 - 1 Mile NE
BM600	KS8000000135508	1/2 - 1 Mile NE
BM601	KS8000000179216	1/2 - 1 Mile NE
BM602	KS8000000135509	1/2 - 1 Mile NE
BM603	KS8000000196945	1/2 - 1 Mile NE
BM604	KS8000000196944	1/2 - 1 Mile NE
BM605	KS8000000196946	1/2 - 1 Mile NE
BM606	KS8000000221340	1/2 - 1 Mile NE
BM607	KS8000000196947	1/2 - 1 Mile NE
BM608	KS8000000196940	1/2 - 1 Mile NE
BM609	KS8000000196939	1/2 - 1 Mile NE
BM610	KS8000000196941	1/2 - 1 Mile NE
BM611	KS8000000196943	1/2 - 1 Mile NE
BM612	KS8000000196942	1/2 - 1 Mile NE
617	KS8000000234346	1/2 - 1 Mile WNW
BO619	KS8000000066191	1/2 - 1 Mile ESE
BO620	KS8000000066192	1/2 - 1 Mile ESE
BO621	KS8000000126436	1/2 - 1 Mile ESE
BP623	KS8000000145397	1/2 - 1 Mile SW
BP624	KS8000000105830	1/2 - 1 Mile SW
BP625	KS8000000230611	1/2 - 1 Mile SW
BP626	KS8000000154428	1/2 - 1 Mile SW
BQ627	KS8000000066509	1/2 - 1 Mile SE
BQ628	KS8000000066510	1/2 - 1 Mile SE
BQ629	KS8000000066504	1/2 - 1 Mile SE
BQ630	KS8000000066505	1/2 - 1 Mile SE
BQ631	KS8000000066514	1/2 - 1 Mile SE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BQ632	KS8000000066515	1/2 - 1 Mile SE
BQ633	KS8000000066511	1/2 - 1 Mile SE
BQ634	KS8000000066512	1/2 - 1 Mile SE
BR635	KS8000000066593	1/2 - 1 Mile SW
BR636	KS8000000066592	1/2 - 1 Mile SW
BR637	KS8000000066600	1/2 - 1 Mile SW
BR638	KS8000000109481	1/2 - 1 Mile SW
BR639	KS8000000066601	1/2 - 1 Mile SW
BS640	KS8000000066169	1/2 - 1 Mile East
BS641	KS8000000066174	1/2 - 1 Mile East
BT642	KS8000000069569	1/2 - 1 Mile South
BT643	KS8000000209432	1/2 - 1 Mile South
BU644	KS8000000102340	1/2 - 1 Mile SE
BU645	KS8000000155338	1/2 - 1 Mile SE
646	KS8000000239410	1/2 - 1 Mile SSW
BV647	KS8000000198531	1/2 - 1 Mile NNE
BW648	KS8000000240231	1/2 - 1 Mile South
BW649	KS8000000240230	1/2 - 1 Mile South
BW650	KS8000000243480	1/2 - 1 Mile South
BW651	KS8000000240232	1/2 - 1 Mile South
BN652	KS8000000066259	1/2 - 1 Mile ENE
BN653	KS8000000066260	1/2 - 1 Mile ENE
BX654	KS8000000185519	1/2 - 1 Mile NNW
BX655	KS8000000240263	1/2 - 1 Mile NNW
BY656	KS8000000066581	1/2 - 1 Mile WSW
BY657	KS8000000066580	1/2 - 1 Mile WSW
BY658	KS8000000242703	1/2 - 1 Mile WSW
BY659	KS8000000131853	1/2 - 1 Mile WSW
660	KS8000000131279	1/2 - 1 Mile SSE
BZ661	KS8000000066160	1/2 - 1 Mile ENE
662	KS8000000150916	1/2 - 1 Mile WNW
CA664	KS8000000098370	1/2 - 1 Mile ESE
CA665	KS8000000098385	1/2 - 1 Mile ESE
CA666	KS8000000098838	1/2 - 1 Mile ESE
CA667	KS8000000066246	1/2 - 1 Mile ESE
CA668	KS8000000066149	1/2 - 1 Mile ESE
CA669	KS8000000066184	1/2 - 1 Mile ESE
CA670	KS8000000066245	1/2 - 1 Mile ESE
CA671	KS8000000245184	1/2 - 1 Mile ESE
CA672	KS8000000245185	1/2 - 1 Mile ESE
CA673	KS8000000245186	1/2 - 1 Mile ESE
CA674	KS8000000102350	1/2 - 1 Mile ESE
CA675	KS8000000098839	1/2 - 1 Mile ESE
CA676	KS8000000098840	1/2 - 1 Mile ESE
CA677	KS8000000102343	1/2 - 1 Mile ESE
CB678	KS8000000189372	1/2 - 1 Mile South
CB679	KS8000000246275	1/2 - 1 Mile South
CD681	KS8000000136401	1/2 - 1 Mile West
CD682	KS8000000125206	1/2 - 1 Mile West
CD683	KS8000000066045	1/2 - 1 Mile West
CD684	KS8000000136402	1/2 - 1 Mile West
CD685	KS8000000220499	1/2 - 1 Mile West

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
CD686	KS8000000214485	1/2 - 1 Mile West
CD687	KS8000000136991	1/2 - 1 Mile West
688	KS8000000092405	1/2 - 1 Mile SSW
CE689	KS8000000198532	1/2 - 1 Mile North
CE690	KS8000000152642	1/2 - 1 Mile North
CE691	KS8000000198533	1/2 - 1 Mile North
CE692	KS8000000198535	1/2 - 1 Mile North
CE693	KS8000000198534	1/2 - 1 Mile North
694	KS8000000166759	1/2 - 1 Mile WSW
CC695	KS8000000158880	1/2 - 1 Mile North
CF696	KS8000000166328	1/2 - 1 Mile NE
CF697	KS8000000141701	1/2 - 1 Mile NE
CF698	KS8000000221681	1/2 - 1 Mile NE
CF699	KS8000000166676	1/2 - 1 Mile NE
CG700	KS8000000066217	1/2 - 1 Mile East
CG701	KS8000000066280	1/2 - 1 Mile East
CG702	KS8000000066281	1/2 - 1 Mile East
CH703	KS8000000066051	1/2 - 1 Mile WNW
CH704	KS8000000141002	1/2 - 1 Mile WNW
CI705	KS8000000066276	1/2 - 1 Mile East
CI706	KS8000000066275	1/2 - 1 Mile East
CI707	KS8000000066183	1/2 - 1 Mile East
CI708	KS8000000066279	1/2 - 1 Mile East
CI709	KS8000000066278	1/2 - 1 Mile East
CI710	KS8000000066277	1/2 - 1 Mile East
CJ713	KS8000000174356	1/2 - 1 Mile East
CJ714	KS8000000174355	1/2 - 1 Mile East
CJ715	KS8000000192477	1/2 - 1 Mile East
CJ716	KS8000000195316	1/2 - 1 Mile East
CJ717	KS8000000192616	1/2 - 1 Mile East
CJ718	KS8000000142569	1/2 - 1 Mile East
CJ719	KS8000000066154	1/2 - 1 Mile East
CJ720	KS8000000142570	1/2 - 1 Mile East
CJ721	KS8000000142572	1/2 - 1 Mile East
CJ722	KS8000000142571	1/2 - 1 Mile East
CJ723	KS8000000197575	1/2 - 1 Mile East
CJ724	KS8000000197574	1/2 - 1 Mile East
CJ725	KS8000000207586	1/2 - 1 Mile East
CJ726	KS8000000228076	1/2 - 1 Mile East
CJ727	KS8000000207588	1/2 - 1 Mile East
CJ728	KS8000000195862	1/2 - 1 Mile East
CJ729	KS8000000195317	1/2 - 1 Mile East
CJ730	KS8000000195863	1/2 - 1 Mile East
CJ731	KS8000000196240	1/2 - 1 Mile East
CJ732	KS8000000196239	1/2 - 1 Mile East
CK733	KS8000000110556	1/2 - 1 Mile NNE
CK734	KS8000000110555	1/2 - 1 Mile NNE
CK735	KS8000000065974	1/2 - 1 Mile NNE
CK736	KS8000000110557	1/2 - 1 Mile NNE
CK737	KS8000000168449	1/2 - 1 Mile NNE
CK738	KS8000000128110	1/2 - 1 Mile NNE
CK739	KS8000000110558	1/2 - 1 Mile NNE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
CL740	KS8000000066003	1/2 - 1 Mile NW
CL741	KS8000000107586	1/2 - 1 Mile NW
CM742	KS8000000223307	1/2 - 1 Mile ENE
CM743	KS8000000224766	1/2 - 1 Mile ENE
CM744	KS8000000234347	1/2 - 1 Mile ENE
CN745	KS8000000066590	1/2 - 1 Mile SW
CN746	KS8000000066598	1/2 - 1 Mile SW
CN747	KS8000000066585	1/2 - 1 Mile SW
CN748	KS8000000066589	1/2 - 1 Mile SW
CN749	KS8000000106026	1/2 - 1 Mile SW
CN750	KS8000000192557	1/2 - 1 Mile SW
CN751	KS8000000066615	1/2 - 1 Mile SW
CN752	KS8000000066625	1/2 - 1 Mile SW
CO753	KS8000000212303	1/2 - 1 Mile NNW
CO754	KS8000000212304	1/2 - 1 Mile NNW
CO755	KS8000000212305	1/2 - 1 Mile NNW
CO756	KS8000000206800	1/2 - 1 Mile NNW
CO757	KS8000000134778	1/2 - 1 Mile NNW
CO758	KS8000000203140	1/2 - 1 Mile NNW
CO759	KS8000000206799	1/2 - 1 Mile NNW
CO760	KS8000000212310	1/2 - 1 Mile NNW
CO761	KS8000000212314	1/2 - 1 Mile NNW
CO762	KS8000000212382	1/2 - 1 Mile NNW
CO763	KS8000000212309	1/2 - 1 Mile NNW
CO764	KS8000000212306	1/2 - 1 Mile NNW
CO765	KS8000000212307	1/2 - 1 Mile NNW
CO766	KS8000000212308	1/2 - 1 Mile NNW
CP767	KS8000000142166	1/2 - 1 Mile WSW
CP768	KS8000000180227	1/2 - 1 Mile WSW
CQ769	KS8000000066623	1/2 - 1 Mile SW
CQ770	KS8000000138024	1/2 - 1 Mile SW
CR771	KS8000000093583	1/2 - 1 Mile SE
CR772	KS8000000093582	1/2 - 1 Mile SE
CR773	KS8000000093581	1/2 - 1 Mile SE
CR774	KS8000000093584	1/2 - 1 Mile SE
CR775	KS8000000174443	1/2 - 1 Mile SE
CR776	KS8000000093586	1/2 - 1 Mile SE
CR777	KS8000000093585	1/2 - 1 Mile SE
CS778	KS8000000114412	1/2 - 1 Mile NW
CS779	KS8000000130969	1/2 - 1 Mile NW
CS780	KS8000000172122	1/2 - 1 Mile NW
781	KS8000000246272	1/2 - 1 Mile SE
BZ782	KS8000000066229	1/2 - 1 Mile ENE
BZ783	KS8000000066230	1/2 - 1 Mile ENE
BZ784	KS8000000066227	1/2 - 1 Mile ENE
BZ785	KS8000000066228	1/2 - 1 Mile ENE
BZ786	KS8000000066231	1/2 - 1 Mile ENE
BZ787	KS8000000066322	1/2 - 1 Mile ENE
BZ788	KS8000000066323	1/2 - 1 Mile ENE
BZ789	KS8000000066232	1/2 - 1 Mile ENE
BZ790	KS8000000066321	1/2 - 1 Mile ENE
BZ791	KS8000000066226	1/2 - 1 Mile ENE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
BZ792	KS8000000066186	1/2 - 1 Mile ENE
BZ793	KS8000000066187	1/2 - 1 Mile ENE
BZ794	KS8000000066125	1/2 - 1 Mile ENE
BZ795	KS8000000066157	1/2 - 1 Mile ENE
BZ796	KS8000000066221	1/2 - 1 Mile ENE
BZ797	KS8000000066224	1/2 - 1 Mile ENE
BZ798	KS8000000066225	1/2 - 1 Mile ENE
BZ799	KS8000000066222	1/2 - 1 Mile ENE
BZ800	KS8000000066223	1/2 - 1 Mile ENE
BZ801	KS8000000066324	1/2 - 1 Mile ENE
BZ802	KS8000000228069	1/2 - 1 Mile ENE
BZ803	KS8000000228070	1/2 - 1 Mile ENE
BZ804	KS8000000228067	1/2 - 1 Mile ENE
BZ805	KS8000000228068	1/2 - 1 Mile ENE
BZ806	KS8000000228071	1/2 - 1 Mile ENE
BZ807	KS8000000228074	1/2 - 1 Mile ENE
BZ808	KS8000000228075	1/2 - 1 Mile ENE
BZ809	KS8000000228072	1/2 - 1 Mile ENE
BZ810	KS8000000228073	1/2 - 1 Mile ENE
BZ811	KS8000000228066	1/2 - 1 Mile ENE
BZ812	KS8000000066327	1/2 - 1 Mile ENE
BZ813	KS8000000066328	1/2 - 1 Mile ENE
BZ814	KS8000000066325	1/2 - 1 Mile ENE
BZ815	KS8000000066326	1/2 - 1 Mile ENE
BZ816	KS8000000066329	1/2 - 1 Mile ENE
BZ817	KS8000000228064	1/2 - 1 Mile ENE
BZ818	KS8000000228065	1/2 - 1 Mile ENE
BZ819	KS8000000228062	1/2 - 1 Mile ENE
BZ820	KS8000000228063	1/2 - 1 Mile ENE
822	KS8000000153057	1/2 - 1 Mile WNW
CT823	KS8000000108253	1/2 - 1 Mile NW
CT824	KS8000000106720	1/2 - 1 Mile NW
CT825	KS8000000106719	1/2 - 1 Mile NW
CT826	KS8000000108961	1/2 - 1 Mile NW
CT827	KS8000000186033	1/2 - 1 Mile NW
CT828	KS8000000108963	1/2 - 1 Mile NW
CT829	KS8000000108962	1/2 - 1 Mile NW
830	KS8000000246273	1/2 - 1 Mile SSE
834	KS8000000200669	1/2 - 1 Mile West
CU835	KS8000000223004	1/2 - 1 Mile ENE
CV836	KS8000000114370	1/2 - 1 Mile SSW
CV837	KS8000000135573	1/2 - 1 Mile SSW
CW838	KS8000000066190	1/2 - 1 Mile ESE
CW839	KS8000000143762	1/2 - 1 Mile ESE
CW840	KS8000000066188	1/2 - 1 Mile ESE
CW841	KS8000000066189	1/2 - 1 Mile ESE
CW842	KS8000000198453	1/2 - 1 Mile ESE
CW843	KS8000000198456	1/2 - 1 Mile ESE
CW844	KS8000000198458	1/2 - 1 Mile ESE
CW845	KS8000000198454	1/2 - 1 Mile ESE
CW846	KS8000000198455	1/2 - 1 Mile ESE
847	KS8000000066475	1/2 - 1 Mile SE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
CU848	KS8000000233013	1/2 - 1 Mile ENE
CU849	KS8000000233014	1/2 - 1 Mile ENE
CX850	KS8000000230608	1/2 - 1 Mile NNE
CX851	KS8000000230609	1/2 - 1 Mile NNE
CX852	KS8000000230610	1/2 - 1 Mile NNE
CY853	KS8000000153729	1/2 - 1 Mile South
CY854	KS8000000153730	1/2 - 1 Mile South
CU855	KS8000000225457	1/2 - 1 Mile ENE
CZ856	KS8000000066212	1/2 - 1 Mile ENE
CZ857	KS8000000066181	1/2 - 1 Mile ENE
CZ858	KS8000000066156	1/2 - 1 Mile ENE
CZ859	KS8000000066214	1/2 - 1 Mile ENE
CZ860	KS8000000135515	1/2 - 1 Mile ENE
CZ861	KS8000000135514	1/2 - 1 Mile ENE
CZ862	KS8000000101007	1/2 - 1 Mile ENE
DA863	KS8000000105771	1/2 - 1 Mile WSW
DA864	KS8000000066574	1/2 - 1 Mile WSW
DA865	KS8000000109244	1/2 - 1 Mile WSW
DA866	KS8000000205712	1/2 - 1 Mile WSW
DA867	KS8000000127439	1/2 - 1 Mile WSW
868	KS8000000123174	1/2 - 1 Mile NNW
DB869	KS8000000132920	1/2 - 1 Mile SSW
DB870	KS8000000232263	1/2 - 1 Mile SSW
DB871	KS8000000232264	1/2 - 1 Mile SSW
872	KS8000000246274	1/2 - 1 Mile SSE
DC873	KS8000000146380	1/2 - 1 Mile WNW
DC874	KS8000000188563	1/2 - 1 Mile WNW
DD875	KS8000000131278	1/2 - 1 Mile ESE
DD876	KS8000000142820	1/2 - 1 Mile ESE
DD877	KS8000000142822	1/2 - 1 Mile ESE
DE878	KS8000000065944	1/2 - 1 Mile NE
DE879	KS8000000184846	1/2 - 1 Mile NE
DE880	KS8000000065942	1/2 - 1 Mile NE
DE881	KS8000000065943	1/2 - 1 Mile NE
DE882	KS8000000184847	1/2 - 1 Mile NE
DE883	KS8000000184850	1/2 - 1 Mile NE
DE884	KS8000000217615	1/2 - 1 Mile NE
DE885	KS8000000184848	1/2 - 1 Mile NE
DE886	KS8000000184849	1/2 - 1 Mile NE
DF887	KS8000000114092	1/2 - 1 Mile SSW
DF888	KS8000000139723	1/2 - 1 Mile SSW
DG889	KS8000000145188	1/2 - 1 Mile South
DG890	KS8000000218807	1/2 - 1 Mile South
DH892	KS8000000233011	1/2 - 1 Mile East
DH893	KS8000000233012	1/2 - 1 Mile East
894	KS8000000128945	1/2 - 1 Mile West
DI895	KS8000000066572	1/2 - 1 Mile SW
DI896	KS8000000066610	1/2 - 1 Mile SW
DI897	KS8000000066611	1/2 - 1 Mile SW
DJ898	KS8000000210937	1/2 - 1 Mile NW
DJ899	KS8000000210938	1/2 - 1 Mile NW
DJ900	KS8000000210939	1/2 - 1 Mile NW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
DK901	KS8000000197593	1/2 - 1 Mile NW
DK902	KS8000000175813	1/2 - 1 Mile NW
DK903	KS8000000066016	1/2 - 1 Mile NW
DK904	KS8000000201385	1/2 - 1 Mile NW
DK905	KS8000000197595	1/2 - 1 Mile NW
DK906	KS8000000197594	1/2 - 1 Mile NW
DL907	KS8000000106693	1/2 - 1 Mile North
DL908	KS8000000165285	1/2 - 1 Mile North
DM909	KS8000000146804	1/2 - 1 Mile West
DM910	KS8000000180013	1/2 - 1 Mile West
DN911	KS8000000065985	1/2 - 1 Mile North
DN912	KS8000000120248	1/2 - 1 Mile North
DO913	KS8000000138794	1/2 - 1 Mile North
DO914	KS8000000149137	1/2 - 1 Mile North
DP915	KS8000000065988	1/2 - 1 Mile NNE
DP916	KS8000000065989	1/2 - 1 Mile NNE
DP917	KS8000000065986	1/2 - 1 Mile NNE
DP918	KS8000000065987	1/2 - 1 Mile NNE
DP919	KS8000000065990	1/2 - 1 Mile NNE
DP920	KS8000000121183	1/2 - 1 Mile NNE
DP921	KS8000000121184	1/2 - 1 Mile NNE
DP922	KS8000000121181	1/2 - 1 Mile NNE
DP923	KS8000000121182	1/2 - 1 Mile NNE
DQ924	KS8000000115991	1/2 - 1 Mile SE
DQ925	KS8000000174446	1/2 - 1 Mile SE
DQ926	KS8000000066537	1/2 - 1 Mile SE
DQ927	KS8000000066538	1/2 - 1 Mile SE
DQ928	KS8000000223308	1/2 - 1 Mile SE
DQ929	KS8000000223311	1/2 - 1 Mile SE
DQ930	KS8000000223312	1/2 - 1 Mile SE
DQ931	KS8000000223309	1/2 - 1 Mile SE
DQ932	KS8000000223310	1/2 - 1 Mile SE
933	KS8000000066460	1/2 - 1 Mile SE
DR934	KS8000000066163	1/2 - 1 Mile ENE
DR935	KS8000000149026	1/2 - 1 Mile ENE
936	KS8000000066177	1/2 - 1 Mile East
937	KS8000000246138	1/2 - 1 Mile SE
943	KS8000000246278	1/2 - 1 Mile South

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	KSOG11000468315	1/4 - 1/2 Mile East
A2	KSOG11000464298	1/2 - 1 Mile West
A3	KSOG11000298118	1/2 - 1 Mile West
B4	KSOG11000235005	1/2 - 1 Mile SSE
B5	KSOG11000468626	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 4560126.2s

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

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

0 1/4 1/2 1 Miles

N

SITE NAME:	Delano Catalyst Site Parcel 1A	CLIENT:	GSI Engineering, LLC
ADDRESS:	SW Corner Sycamore & Mclean Wichita KS 67203	CONTACT:	Gregg Armstrong
		INQUIRY #:	4560126.2s
LAT/LONG:	37.68557 / 97.34794	DATE:	March 09, 2016 6:41 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
1 **East** **1/4 - 1/2 Mile**	Click here for full text details	**OIL_GAS**	**KSOG11000468315**
A2 **West** **1/2 - 1 Mile**	Click here for full text details	**OIL_GAS**	**KSOG11000464298**
A3 **West** **1/2 - 1 Mile**	Click here for full text details	**OIL_GAS**	**KSOG11000298118**
B4 **SSE** **1/2 - 1 Mile**	Click here for full text details	**OIL_GAS**	**KSOG11000235005**
B5 **SSE** **1/2 - 1 Mile**	Click here for full text details	**OIL_GAS**	**KSOG11000468626**
1 **NNE** **0 - 1/8 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000153966**
2 **South** **0 - 1/8 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066121**
A3 **WNW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066115**
A4 **WNW** **0 - 1/8 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000150918**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
B5 **SW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066106**
B6 **SW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000131772**
C7 **NW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066072**
C8 **NW** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066094**
D9 **SSW** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000115367**
D10 **SSW** **1/8 - 1/4 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000115368**
E11 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000179721**
E12 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000179722**
E13 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000179723**

Map ID Direction Distance Elevation		Database	EDR ID Number
E14 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000179718**
E15 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000179719**
E16 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000179720**
E17 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000197058**
E18 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000197061**
E19 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000197064**
E20 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000179724**
E21 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000179725**
E22 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000182536**

Map ID Direction Distance Elevation		Database	EDR ID Number
E23 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000179717**
E24 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000163077**
E25 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000163078**
E26 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000163079**
E27 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000163074**
E28 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000163075**
E29 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000163076**
E30 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000163083**
E31 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000163084**

Map ID Direction Distance Elevation		Database	EDR ID Number
E32 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000179716**
E33 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000163080**
E34 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000163081**
E35 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000163082**
E36 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000215499**
E37 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000215500**
E38 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000215501**
E39 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000215496**
E40 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000215497**

Map ID Direction Distance Elevation		Database	EDR ID Number
E41 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000215498**
E42 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000215549**
E43 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000215550**
E44 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000215551**
E45 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000215504**
E46 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000215506**
E47 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000215507**
E48 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000215494**
E49 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000197070**

Map ID Direction Distance Elevation		Database	EDR ID Number
E50 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000206113**
E51 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000206114**
E52 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000197065**
E53 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000197068**
E54 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000197069**
E55 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000215488**
E56 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000215490**
E57 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000215492**
E58 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000206115**

Map ID Direction Distance Elevation		Database	EDR ID Number
E59 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000206116**
E60 **West** **1/8 - 1/4 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000206117**
F61 **East** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066098**
F62 **East** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066100**
F63 **East** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066101**
F64 **East** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066080**
F65 **East** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066077**
F66 **East** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066078**
F67 **East** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066079**

Map ID Direction Distance Elevation		Database	EDR ID Number
F68 **East** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066110**
F69 **East** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066111**
F70 **East** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066112**
F71 **East** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066105**
F72 **East** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066102**
F73 **East** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066103**
F74 **East** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066104**
75 **SE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000336180**
G76 **SSE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066081**

Map ID Direction Distance Elevation		Database	EDR ID Number
G77 **SSE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000198536**
78 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066120**
79 **WNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000115917**
80 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000150917**
H81 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000109432**
H82 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000109431**
H83 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000110928**
H84 **NNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000110927**
85 **South** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066118**

Map ID Direction Distance Elevation		Database	EDR ID Number
I86 **SSW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000099516**
I87 **SSW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000218104**
J88 **ENE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336256**
89 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000203538**
K90 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000141087**
K91 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000141088**
K92 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000141089**
K93 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000141086**
K94 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066036**

Map ID Direction Distance Elevation		Database	EDR ID Number
K95 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000141084**
K96 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000141085**
K97 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000159412**
K98 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000182533**
K99 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000182534**
K100 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000182535**
K101 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000182532**
K102 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000182529**
K103 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000182530**

Map ID Direction Distance Elevation		Database	EDR ID Number
K104 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000182531**
105 **SSE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000192615**
106 **SW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000110355**
L107 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000190226**
L108 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000190225**
L109 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000190227**
L110 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000190229**
L111 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000190228**
L112 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000190224**

Map ID Direction Distance Elevation		Database	EDR ID Number
L113 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000178163**
L114 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066095**
L115 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000178164**
L116 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000178166**
L117 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000178165**
L118 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000190230**
L119 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000202792**
L120 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000202791**
L121 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000202793**

Map ID Direction Distance Elevation		Database	EDR ID Number
L122 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000202795**
L123 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000202794**
L124 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000202790**
L125 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000190232**
L126 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000190231**
L127 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000202776**
L128 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000202787**
L129 **NNE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000202777**
J130 **ENE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066123**

Map ID Direction Distance Elevation		Database	EDR ID Number
J131 **ENE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066122**
J132 **ENE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000244638**
J133 **ENE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000192612**
134 **WSW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000127739**
M135 **WNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066032**
M136 **WNW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000097149**
N137 **ESE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066093**
N138 **ESE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066082**
N139 **ESE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000104254**

Map ID Direction Distance Elevation		Database	EDR ID Number
N140 **ESE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000131439**
N141 **ESE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000130979**
142 **North** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336431**
O143 **NE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336314**
O144 **NE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336315**
O145 **NE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336316**
P146 **NE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066096**
P147 **NE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066097**
P148 **NE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066099**

Map ID Direction Distance Elevation		Database	EDR ID Number
149 **SSW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000209046**
Q150 **ESE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066090**
Q151 **ESE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066091**
Q152 **ESE** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066092**
R153 **SW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000123176**
R154 **SW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066031**
R155 **SW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000203851**
R156 **SW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000221339**
R157 **SW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000208804**

Map ID Direction Distance Elevation		Database	EDR ID Number
S158 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000095282**
S159 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000095280**
S160 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000095285**
S161 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000095283**
S162 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000095278**
S163 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000095270**
S164 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000095267**
S165 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000095275**
S166 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000095272**

Map ID Direction Distance Elevation		Database	EDR ID Number
S167 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000111178**
S168 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000130976**
S169 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000130975**
S170 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000130978**
S171 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000130977**
S172 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000130974**
S173 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000130971**
S174 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000130970**
S175 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000130973**

Map ID Direction Distance Elevation		Database	EDR ID Number
S176 **NW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000130972**
177 **SSW** **1/4 - 1/2 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066516**
T178 **ENE** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336255**
U179 **North** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336450**
180 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000131438**
U181 **North** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000106696**
U182 **North** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000106697**
V183 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000143389**
V184 **West** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000143400**

Map ID Direction Distance Elevation		Database	EDR ID Number
W185 **East** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066062**
W186 **East** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066063**
X187 **WSW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336082**
X188 **WSW** **1/4 - 1/2 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336083**
Y189 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000107272**
Y190 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000127893**
T191 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000121921**
Z192 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066046**
Z193 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000134896**

Map ID Direction Distance Elevation		Database	EDR ID Number
Z194 WNW 1/2 - 1 Mile Higher	Click here for full text details	**KS WELLS**	**KS8000000188947**
195 NE 1/2 - 1 Mile Higher	Click here for full text details	**KS WELLS**	**KS8000000066119**
196 SE 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000168045**
AA197 SW 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000104036**
AA198 SW 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000066624**
AA199 SW 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000115369**
AA200 SW 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000184497**
AA201 SW 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000120249**
AB202 NNE 1/2 - 1 Mile Higher	Click here for full text details	**KS WELLS**	**KS8000000066107**

Map ID Direction Distance Elevation		Database	EDR ID Number
AB203 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066109**
AC204 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000104037**
AC205 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000104687**
206 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000197056**
X207 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000092712**
X208 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000093081**
X209 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000093082**
210 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000245102**
AD211 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000091816**

Map ID Direction Distance Elevation		Database	EDR ID Number
AD212 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000091814**
AD213 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000151349**
AD214 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000151346**
AD215 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000091808**
AD216 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000091805**
AD217 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000091812**
AD218 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000091810**
AD219 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000151382**
AD220 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000151355**

Map ID Direction Distance Elevation		Database	EDR ID Number
AD221 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000169785**
AD222 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000169784**
AD223 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000151352**
AD224 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000151350**
AD225 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000151354**
AD226 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000151353**
Y227 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336181**
AE228 **South** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066560**
AE229 **South** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066546**

Map ID Direction Distance Elevation		Database	EDR ID Number
AE230 **South** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066565**
AE231 **South** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000225648**
AE232 **South** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066566**
233 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066113**
234 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000119659**
AF235 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066037**
AF236 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000153328**
AF237 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000153329**
AG238 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336084**

Map ID Direction Distance Elevation		Database	EDR ID Number
AG239 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336085**
240 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000135214**
241 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066117**
242 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000106699**
AH243 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000111988**
AH244 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000111989**
AH245 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000115357**
AH246 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000111987**
AH247 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066038**

Map ID Direction Distance Elevation		Database	EDR ID Number
AH248 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000104743**
AH249 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000111188**
AH250 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000115358**
AH251 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000115787**
AH252 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000115788**
AH253 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000194874**
AH254 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000115362**
AH255 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000115359**
AH256 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000115360**

Map ID Direction Distance Elevation		Database	EDR ID Number
AH257 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000115361**
AI258 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066076**
AI259 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066083**
AI260 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066075**
AI261 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066073**
AI262 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066074**
AI263 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000108608**
AI264 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000197007**
AI265 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000108607**

Map ID Direction Distance Elevation		Database	EDR ID Number
AI266 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066114**
AI267 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066116**
AJ268 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066534**
AJ269 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066535**
AJ270 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066536**
AJ271 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066531**
AJ272 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066532**
AJ273 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066533**
AJ274 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000135218**

Map ID Direction Distance Elevation		Database	EDR ID Number
AJ275 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000236160**
AJ276 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000236161**
AJ277 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000135215**
AJ278 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000135216**
AJ279 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000135217**
AK280 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000099067**
AK281 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000137954**
AL282 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000119728**
AM283 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000118080**

Map ID Direction Distance Elevation		Database	EDR ID Number
AM284 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000118079**
AM285 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000092327**
AM286 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000126795**
AM287 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000118082**
AM288 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000118081**
AM289 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000092326**
AM290 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000092322**
AM291 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000092321**
AM292 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066124**

Map ID Direction Distance Elevation		Database	EDR ID Number
AM293 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000092325**
AM294 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000092324**
AM295 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000092323**
AM296 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000126797**
AM297 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000169780**
AM298 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000142857**
AM299 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000142856**
AM300 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000169783**
AM301 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000169782**

Map ID Direction Distance Elevation		Database	EDR ID Number
AM302 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000169781**
AM303 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000126806**
AM304 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000126801**
AM305 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000126799**
AM306 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000126798**
AM307 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000126805**
AM308 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000126803**
AM309 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000126802**
AN310 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000243615**

Map ID Direction Distance Elevation		Database	EDR ID Number
AN311 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000243616**
312 **SSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066621**
313 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066085**
AO314 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000243037**
AO315 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000108080**
AO316 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066084**
AO317 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000243040**
AO318 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000243039**
AO319 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000243038**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
320 NNW 1/2 - 1 Mile Higher	Click here for full text details	**FED USGS**	**USGS40000336486**
AK321 SW 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000066607**
AP322 WNW 1/2 - 1 Mile Higher	Click here for full text details	**KS WELLS**	**KS8000000105676**
AP323 WNW 1/2 - 1 Mile Higher	Click here for full text details	**KS WELLS**	**KS8000000145396**
AQ324 ESE 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000101308**
AQ325 ESE 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000130980**
AQ326 ESE 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000151381**
AL327 WSW 1/2 - 1 Mile Higher	Click here for full text details	**FED USGS**	**USGS40000336182**
AL328 WSW 1/2 - 1 Mile Higher	Click here for full text details	**FED USGS**	**USGS40000336183**

Map ID Direction Distance Elevation		Database	EDR ID Number
AR329 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066547**
AR330 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066557**
AR331 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000126164**
332 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000094090**
AS333 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066558**
AS334 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066549**
AS335 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066548**
AS336 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000240552**
AS337 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000240551**

Map ID Direction Distance Elevation		Database	EDR ID Number
AS338 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066561**
AT339 **SSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066559**
AT340 **SSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066545**
AT341 **SSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000223313**
AT342 **SSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000129234**
343 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000138793**
AU344 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066591**
AU345 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066584**
AU346 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066599**

Map ID Direction Distance Elevation		Database	EDR ID Number
AU347 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000145231**
AU348 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000092701**
AV349 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066543**
AV350 **SE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066544**
AW351 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066066**
AW352 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066067**
AW353 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066064**
AW354 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066065**
AW355 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000135510**

Map ID Direction Distance Elevation		Database	EDR ID Number
AW356 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000135511**
AW357 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066068**
AW358 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066108**
AX359 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000336252**
AX360 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000336251**
AX361 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000336254**
AX362 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000336253**
363 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066030**
AY364 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000336086**

Map ID Direction Distance Elevation		Database	EDR ID Number
AZ365 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066582**
AZ366 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000102644**
BA367 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066507**
BA368 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066506**
BA369 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066513**
BA370 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066508**
BB371 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066550**
BB372 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066527**
BB373 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066526**

Map ID Direction Distance Elevation		Database	EDR ID Number
BB374 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066551**
BB375 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066554**
BB376 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066553**
BB377 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066552**
BB378 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066525**
BB379 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066520**
BB380 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066518**
BB381 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066517**
BB382 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066521**

Map ID Direction Distance Elevation		Database	EDR ID Number
BB383 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066524**
BB384 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066523**
BB385 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066522**
BB386 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000171981**
BB387 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000171980**
BB388 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000171979**
BB389 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000171982**
BB390 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000238909**
BB391 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000171984**

Map ID Direction Distance Elevation		Database	EDR ID Number
BB392 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000171983**
BB393 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000171978**
BB394 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066562**
BB395 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066556**
BB396 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066555**
BB397 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066563**
BB398 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000171977**
BB399 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000137953**
BB400 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066564**

Map ID Direction Distance Elevation		Database	EDR ID Number
BC401 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000113956**
BC402 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000113957**
BC403 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000120037**
BC404 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000113955**
BC405 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066033**
BC406 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066034**
BC407 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066048**
BC408 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000125409**
BC409 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000141157**

Map ID Direction Distance Elevation		Database	EDR ID Number
BC410 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000141158**
BC411 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000142244**
BC412 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000135507**
BC413 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000125410**
BC414 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000125411**
BC415 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000125412**
BD416 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000123178**
BD417 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066055**
BD418 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066040**

Map ID Direction Distance Elevation		Database	EDR ID Number
BD419 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000140792**
BD420 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000136990**
BD421 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000136667**
422 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000151190**
BE423 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196857**
BE424 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196856**
BE425 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196855**
BE426 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196860**
BE427 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196859**

Map ID Direction Distance Elevation		Database	EDR ID Number
BE428 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196858**
BE429 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196854**
BE430 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196850**
BE431 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196849**
BE432 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196848**
BE433 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196853**
BE434 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196852**
BE435 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196851**
BE436 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000202481**

Map ID Direction Distance Elevation		Database	EDR ID Number
BE437 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000202480**
BE438 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000202479**
BE439 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000202484**
BE440 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000202483**
BE441 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000202482**
BE442 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000202478**
BE443 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196863**
BE444 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196862**
BE445 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196861**

Map ID Direction Distance Elevation		Database	EDR ID Number
BE446 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000202477**
BE447 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000202476**
BE448 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000200862**
BE449 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000098374**
BE450 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000098372**
BE451 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066089**
BE452 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000098388**
BE453 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000098378**
BE454 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000098376**

Map ID Direction Distance Elevation		Database	EDR ID Number
BE455 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066088**
BE456 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066061**
BE457 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066060**
BE458 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066059**
BE459 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066071**
BE460 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066070**
BE461 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066069**
BE462 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000165215**
BE463 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000165214**

Map ID Direction Distance Elevation		Database	EDR ID Number
BE464 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000165213**
BE465 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196847**
BE466 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000165217**
BE467 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000165216**
BE468 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000165212**
BE469 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000136405**
BE470 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000102347**
BE471 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000098391**
BE472 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000165211**

Map ID Direction Distance Elevation		Database	EDR ID Number
BE473 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000165210**
BE474 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000165209**
BE475 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245167**
BE476 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245166**
BE477 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245165**
BE478 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245170**
BE479 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245169**
BE480 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245168**
BE481 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245126**

Map ID Direction Distance Elevation		Database	EDR ID Number
BE482 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245122**
BE483 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245121**
BE484 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245120**
BE485 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245125**
BE486 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245124**
BE487 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245123**
BE488 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245180**
BE489 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245179**
BE490 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245178**

Map ID Direction Distance Elevation		Database	EDR ID Number
BE491 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245183**
BE492 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245182**
BE493 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245181**
BE494 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245177**
BE495 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245173**
BE496 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245172**
BE497 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245171**
BE498 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245176**
BE499 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245175**

Map ID Direction Distance Elevation		Database	EDR ID Number
BE500 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245174**
BE501 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245103**
BE502 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000218257**
BE503 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000218255**
BE504 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245106**
BE505 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245105**
BE506 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245104**
BE507 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000202491**
BE508 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000202487**

Map ID Direction Distance Elevation		Database	EDR ID Number
BE509 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000202486**
BE510 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000202485**
BE511 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000202490**
BE512 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000202489**
BE513 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000202488**
BE514 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245116**
BE515 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245115**
BE516 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245114**
BE517 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245119**

Map ID Direction Distance Elevation		Database	EDR ID Number
BE518 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245118**
BE519 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245117**
BE520 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245113**
BE521 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245109**
BE522 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245108**
BE523 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245107**
BE524 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245112**
BE525 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245111**
BE526 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245110**

Map ID Direction Distance Elevation		Database	EDR ID Number
BF527 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066604**
BF528 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066603**
BF529 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000102458**
BF530 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000102454**
BF531 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066587**
BF532 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066586**
BF533 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066602**
BF534 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066594**
BF535 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000103013**

Map ID Direction Distance Elevation		Database	EDR ID Number
BF536 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000103012**
BF537 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000103016**
BF538 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000103015**
BF539 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000102465**
BF540 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000102461**
BF541 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000103010**
BF542 **SSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000102469**
BG543 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066049**
BG544 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000135062**

Map ID Direction Distance Elevation		Database	EDR ID Number
BH545 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000232260**
BH546 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000232261**
BH547 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000232262**
BH548 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000232259**
BH549 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066203**
BH550 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066202**
BH551 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066210**
BH552 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066204**
BI553 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000336311**

Map ID Direction Distance Elevation		Database	EDR ID Number
BI554 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000336312**
BI555 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000336313**
AX556 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066167**
BJ557 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000150914**
BJ558 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000150915**
BK559 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066305**
BK560 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066195**
BK561 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066185**
BK562 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066306**

Map ID Direction Distance Elevation		Database	EDR ID Number
BK563 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066309**
BK564 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066308**
BK565 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066307**
AV566 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000246281**
BL567 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000156029**
AY568 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066047**
BI569 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000210941**
BI570 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000210940**
BI571 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066209**

Map ID Direction Distance Elevation		Database	EDR ID Number
BI572 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000210944**
BI573 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000210943**
BI574 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000210942**
BI575 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066194**
BI576 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066193**
BI577 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066165**
BI578 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066207**
BI579 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066206**
BI580 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066205**

Map ID Direction Distance Elevation		Database	EDR ID Number
BI581 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000243042**
BI582 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000243041**
BI583 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000215849**
BI584 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000243045**
BI585 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000243044**
BI586 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000243043**
BI587 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000215845**
BI588 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000215844**
BI589 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000210977**

Map ID Direction Distance Elevation		Database	EDR ID Number
BI590 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000215848**
BI591 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000215847**
BI592 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000215846**
BM593 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000179219**
BM594 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000179217**
BM595 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000179220**
BM596 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000196938**
BM597 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000179222**
BM598 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066087**

Map ID Direction Distance Elevation		Database	EDR ID Number
BM599 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066086**
BM600 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000135508**
BM601 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000179216**
BM602 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000135509**
BM603 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000196945**
BM604 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000196944**
BM605 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000196946**
BM606 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000221340**
BM607 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000196947**

Map ID Direction Distance Elevation		Database	EDR ID Number
BM608 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000196940**
BM609 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000196939**
BM610 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000196941**
BM611 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000196943**
BM612 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000196942**
BN613 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336409**
BN614 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336410**
BN615 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336411**
BL616 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336553**

Map ID Direction Distance Elevation		Database	EDR ID Number
617 WNW 1/2 - 1 Mile Higher	Click here for full text details	**KS WELLS**	**KS8000000234346**
618 West 1/2 - 1 Mile Higher	Click here for full text details	**FED USGS**	**USGS40000336193**
BO619 ESE 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000066191**
BO620 ESE 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000066192**
BO621 ESE 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000126436**
622 North 1/2 - 1 Mile Higher	Click here for full text details	**FED USGS**	**USGS40000336639**
BP623 SW 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000145397**
BP624 SW 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000105830**
BP625 SW 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000230611**

Map ID Direction Distance Elevation		Database	EDR ID Number
BP626 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000154428**
BQ627 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066509**
BQ628 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066510**
BQ629 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066504**
BQ630 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066505**
BQ631 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066514**
BQ632 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066515**
BQ633 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066511**
BQ634 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066512**

Map ID Direction Distance Elevation		Database	EDR ID Number
BR635 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066593**
BR636 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066592**
BR637 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066600**
BR638 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000109481**
BR639 **SW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066601**
BS640 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066169**
BS641 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066174**
BT642 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000069569**
BT643 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000209432**

Map ID Direction Distance Elevation		Database	EDR ID Number
BU644 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000102340**
BU645 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000155338**
646 **SSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000239410**
BV647 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000198531**
BW648 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000240231**
BW649 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000240230**
BW650 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000243480**
BW651 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000240232**
BN652 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066259**

Map ID Direction Distance Elevation		Database	EDR ID Number
BN653 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066260**
BX654 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000185519**
BX655 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000240263**
BY656 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066581**
BY657 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066580**
BY658 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000242703**
BY659 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000131853**
660 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000131279**
BZ661 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066160**

Map ID Direction Distance Elevation		Database	EDR ID Number
662 WNW 1/2 - 1 Mile Higher	Click here for full text details	**KS WELLS**	**KS8000000150916**
BX663 NNW 1/2 - 1 Mile Higher	Click here for full text details	**FED USGS**	**USGS40000336554**
CA664 ESE 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000098370**
CA665 ESE 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000098385**
CA666 ESE 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000098838**
CA667 ESE 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000066246**
CA668 ESE 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000066149**
CA669 ESE 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000066184**
CA670 ESE 1/2 - 1 Mile Lower	Click here for full text details	**KS WELLS**	**KS8000000066245**

Map ID Direction Distance Elevation		Database	EDR ID Number
CA671 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245184**
CA672 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245185**
CA673 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000245186**
CA674 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000102350**
CA675 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000098839**
CA676 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000098840**
CA677 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000102343**
CB678 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000189372**
CB679 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000246275**

Map ID Direction Distance Elevation		Database	EDR ID Number
CC680 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336665**
CD681 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000136401**
CD682 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000125206**
CD683 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066045**
CD684 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000136402**
CD685 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000220499**
CD686 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000214485**
CD687 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000136991**
688 **SSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000092405**

Map ID Direction Distance Elevation		Database	EDR ID Number
CE689 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000198532**
CE690 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000152642**
CE691 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000198533**
CE692 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000198535**
CE693 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000198534**
694 **WSW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000166759**
CC695 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000158880**
CF696 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000166328**
CF697 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000141701**

Map ID Direction Distance Elevation		Database	EDR ID Number
CF698 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000221681**
CF699 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000166676**
CG700 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066217**
CG701 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066280**
CG702 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066281**
CH703 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066051**
CH704 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000141002**
CI705 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066276**
CI706 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066275**

Map ID Direction Distance Elevation		Database	EDR ID Number
CI707 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066183**
CI708 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066279**
CI709 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066278**
CI710 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066277**
BZ711 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**FED USGS**	**USGS40000336310**
BV712 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336638**
CJ713 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000174356**
CJ714 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000174355**
CJ715 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000192477**

Map ID Direction Distance Elevation		Database	EDR ID Number
CJ716 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000195316**
CJ717 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000192616**
CJ718 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000142569**
CJ719 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066154**
CJ720 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000142570**
CJ721 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000142572**
CJ722 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000142571**
CJ723 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000197575**
CJ724 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000197574**

Map ID Direction Distance Elevation		Database	EDR ID Number
CJ725 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000207586**
CJ726 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000228076**
CJ727 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000207588**
CJ728 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000195862**
CJ729 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000195317**
CJ730 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000195863**
CJ731 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196240**
CJ732 **East** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000196239**
CK733 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000110556**

Map ID Direction Distance Elevation		Database	EDR ID Number
CK734 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000110555**
CK735 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000065974**
CK736 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000110557**
CK737 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000168449**
CK738 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000128110**
CK739 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000110558**
CL740 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066003**
CL741 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000107586**
CM742 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000223307**

Map ID Direction Distance Elevation		Database	EDR ID Number
CM743 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000224766**
CM744 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000234347**
CN745 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066590**
CN746 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066598**
CN747 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066585**
CN748 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066589**
CN749 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000106026**
CN750 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000192557**
CN751 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066615**

Map ID Direction Distance Elevation		Database	EDR ID Number
CN752 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066625**
CO753 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000212303**
CO754 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000212304**
CO755 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000212305**
CO756 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000206800**
CO757 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000134778**
CO758 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000203140**
CO759 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000206799**
CO760 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000212310**

Map ID Direction Distance Elevation		Database	EDR ID Number
CO761 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000212314**
CO762 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000212382**
CO763 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000212309**
CO764 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000212306**
CO765 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000212307**
CO766 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000212308**
CP767 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000142166**
CP768 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000180227**
CQ769 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066623**

Map ID Direction Distance Elevation		Database	EDR ID Number
CQ770 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000138024**
CR771 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000093583**
CR772 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000093582**
CR773 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000093581**
CR774 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000093584**
CR775 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000174443**
CR776 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000093586**
CR777 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000093585**
CS778 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000114412**

Map ID Direction Distance Elevation		Database	EDR ID Number
CS779 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000130969**
CS780 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000172122**
781 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000246272**
BZ782 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066229**
BZ783 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066230**
BZ784 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066227**
BZ785 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066228**
BZ786 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066231**
BZ787 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066322**

Map ID Direction Distance Elevation		Database	EDR ID Number
BZ788 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066323**
BZ789 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066232**
BZ790 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066321**
BZ791 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066226**
BZ792 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066186**
BZ793 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066187**
BZ794 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066125**
BZ795 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066157**
BZ796 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066221**

Map ID Direction Distance Elevation		Database	EDR ID Number
BZ797 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066224**
BZ798 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066225**
BZ799 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066222**
BZ800 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066223**
BZ801 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066324**
BZ802 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000228069**
BZ803 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000228070**
BZ804 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000228067**
BZ805 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000228068**

Map ID Direction Distance Elevation		Database	EDR ID Number
BZ806 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000228071**
BZ807 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000228074**
BZ808 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000228075**
BZ809 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000228072**
BZ810 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000228073**
BZ811 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000228066**
BZ812 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066327**
BZ813 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066328**
BZ814 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066325**

Map ID Direction Distance Elevation		Database	EDR ID Number
BZ815 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066326**
BZ816 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066329**
BZ817 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000228064**
BZ818 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000228065**
BZ819 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000228062**
BZ820 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000228063**
CL821 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336487**
822 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000153057**
CT823 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000108253**

Map ID Direction Distance Elevation		Database	EDR ID Number
CT824 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000106720**
CT825 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000106719**
CT826 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000108961**
CT827 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000186033**
CT828 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000108963**
CT829 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000108962**
830 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000246273**
CS831 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336556**
CS832 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336557**

Map ID Direction Distance Elevation		Database	EDR ID Number
CS833 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336555**
834 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000200669**
CU835 **ENE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000223004**
CV836 **SSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000114370**
CV837 **SSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000135573**
CW838 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066190**
CW839 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000143762**
CW840 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066188**
CW841 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066189**

Map ID Direction Distance Elevation		Database	EDR ID Number
CW842 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000198453**
CW843 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000198456**
CW844 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000198458**
CW845 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000198454**
CW846 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000198455**
847 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066475**
CU848 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000233013**
CU849 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000233014**
CX850 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000230608**

Map ID Direction Distance Elevation		Database	EDR ID Number
CX851 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000230609**
CX852 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000230610**
CY853 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000153729**
CY854 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000153730**
CU855 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000225457**
CZ856 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066212**
CZ857 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066181**
CZ858 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066156**
CZ859 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066214**

Map ID Direction Distance Elevation		Database	EDR ID Number
CZ860 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000135515**
CZ861 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000135514**
CZ862 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000101007**
DA863 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000105771**
DA864 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066574**
DA865 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000109244**
DA866 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000205712**
DA867 **WSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000127439**
868 **NNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000123174**

Map ID Direction Distance Elevation		Database	EDR ID Number
DB869 **SSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000132920**
DB870 **SSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000232263**
DB871 **SSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000232264**
872 **SSE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000246274**
DC873 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000146380**
DC874 **WNW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000188563**
DD875 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000131278**
DD876 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000142820**
DD877 **ESE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000142822**

Map ID Direction Distance Elevation		Database	EDR ID Number
DE878 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000065944**
DE879 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000184846**
DE880 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000065942**
DE881 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000065943**
DE882 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000184847**
DE883 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000184850**
DE884 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000217615**
DE885 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000184848**
DE886 **NE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000184849**

Map ID Direction Distance Elevation		Database	EDR ID Number
DF887 **SSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000114092**
DF888 **SSW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000139723**
DG889 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000145188**
DG890 **South** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000218807**
DH891 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336250**
DH892 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000233011**
DH893 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000233012**
894 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000128945**
DI895 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066572**

Map ID Direction Distance Elevation		Database	EDR ID Number
DI896 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066610**
DI897 **SW** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066611**
DJ898 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000210937**
DJ899 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000210938**
DJ900 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000210939**
DK901 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000197593**
DK902 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000175813**
DK903 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066016**
DK904 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000201385**

Map ID Direction Distance Elevation		Database	EDR ID Number
DK905 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000197595**
DK906 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000197594**
DL907 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000106693**
DL908 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000165285**
DM909 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000146804**
DM910 **West** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000180013**
DN911 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000065985**
DN912 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000120248**
DO913 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000138794**

Map ID Direction Distance Elevation		Database	EDR ID Number
DO914 **North** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000149137**
DP915 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000065988**
DP916 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000065989**
DP917 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000065986**
DP918 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000065987**
DP919 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000065990**
DP920 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000121183**
DP921 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000121184**
DP922 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000121181**

Map ID Direction Distance Elevation		Database	EDR ID Number
DP923 **NNE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000121182**
DQ924 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000115991**
DQ925 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000174446**
DQ926 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066537**
DQ927 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066538**
DQ928 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000223308**
DQ929 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000223311**
DQ930 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000223312**
DQ931 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000223309**

Map ID Direction Distance Elevation		Database	EDR ID Number
DQ932 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000223310**
933 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000066460**
DR934 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066163**
DR935 **ENE** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000149026**
936 **East** **1/2 - 1 Mile** **Higher**	Click here for full text details	**KS WELLS**	**KS8000000066177**
937 **SE** **1/2 - 1 Mile** **Lower**	Click here for full text details	**KS WELLS**	**KS8000000246138**
DJ938 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336560**
DJ939 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336561**
DJ940 **NW** **1/2 - 1 Mile** **Higher**	Click here for full text details	**FED USGS**	**USGS40000336558**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
DJ941 **NW** **1/2 - 1 Mile** **Higher**	**Click here for full text details**	**FED USGS**	**USGS40000336559**
DJ942 **NW** **1/2 - 1 Mile** **Higher**	**Click here for full text details**	**FED USGS**	**USGS40000336562**
943 **South** **1/2 - 1 Mile** **Lower**	**Click here for full text details**	**KS WELLS**	**KS8000000246278**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: KS Radon

Radon Test Results

Zipcode	Avg Radon	Max Radon	Num Tests
67203	2.8	28.9	135

Federal EPA Radon Zone for SEDGWICK 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: 67203

Number of sites tested: 9

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.925 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.978 pCi/L	89%	11%	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.

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: US Fish & Wildlife Service
Telephone: 703-358-2171

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 Service (NRCS)
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 Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Kansas Water Well Completion Records Database
Source: Kansas Geological Survey
Telephone: 913-864-3965

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Location Database Listing
Source: Kansas Geological Survey
Telephone: 785-864-3965

RADON

State Database: KS Radon
Source: Department of Health & Environment
Telephone: 785-296-1500
Kansas Indoor Radon Measurements

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Delano Catalyst Site Parcel 1A
SW Corner Sycamore & Mclean
Wichita, KS 67203

Inquiry Number: 4560126.6s
March 25, 2016

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

EDR® Environmental Data Resources Inc

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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 the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600-10).

STANDARD ENVIRONMENTAL RECORDS	Maximum Search Distance*	Summary		
		property	1/10	1/10 - 1/3
Federal NPL	0.333	0	0	0
Federal CERCLIS	0.333	0	0	0
Federal RCRA CORRACTS facilities list	0.333	0	0	0
Federal RCRA TSD facilities list	0.333	0	0	0
Federal RCRA generators list	property	0	-	-
Federal institutional controls / engineering controls registries	0.333	0	0	0
Federal ERNS list	property	0	-	-
State and tribal - equivalent NPL	not searched	-	-	-
State and tribal - equivalent CERCLIS	0.333	0	0	1
State and tribal landfill / solid waste disposal	0.333	0	0	0
State and tribal leaking storage tank lists	0.333	0	5	2
State and tribal registered storage tank lists	property	0	-	-
State and tribal institutional control / engineering control registries	property	0	-	-
State and tribal voluntary cleanup sites	0.333	0	0	0
State and tribal Brownfields sites	0.333	0	0	0
Other Standard Environmental Records	0.333	0	1	1

HISTORICAL USE RECORDS				
Former manufactured Gas Plants	0.333	0	0	0
Historical Gas Stations	0.25	0	1	0
Historical Dry Cleaners	0.25	0	0	0
Exclusive Recovered Govt. Archives	property	0	-	-

*Each category may include several separate databases, each having a different search distance. For each category, the table reports the maximum search distance applied. See the section 'Record Sources and Currency' for information on individual databases.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

DELANO CATALYST SITE PARCEL 1A
SW CORNER SYCAMORE & MCLEAN
WICHITA, KS 67203

COORDINATES

Latitude (North):	37.68557 - 37° 41′ 8.051147″
Longitude (West):	97.34794 - 97° 20′ 52.578735″
Elevation:	1300 ft. above sea level

EXECUTIVE SUMMARY

PHYSICAL SETTING INFORMATION

Flood Zone:	Available
NWI Wetlands:	Available

AQUIFLOW®

Search Radius: 0.333 Mile.

No Aquiflow sites reported.

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:	Urban land
Soil Surface Texture:	
Hydrologic Group:	Not reported
Soil Drainage Class:	Well drained
Hydric Status:	Unknown
Corrosion Potential - Uncoated Steel:	Not Reported
Depth to Bedrock Min:	> 0 inches
Depth to Watertable Min:	> 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name:	Water
Soil Surface Texture:	
Hydrologic Group:	Not reported
Soil Drainage Class:	

EXECUTIVE SUMMARY

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: Canadian

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42.33 Min: 14.11	Max: 7.3 Min: 5.6
2	20 inches	35 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 42.33 Min: 14.11	Max: 8.4 Min: 6.1

EXECUTIVE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	35 inches	59 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 8.4 Min: 6.1

Soil Map ID: 4

Soil Component Name: Urban land

Soil Surface Texture: fine sandy 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:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

EXECUTIVE SUMMARY

SEARCH RESULTS

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

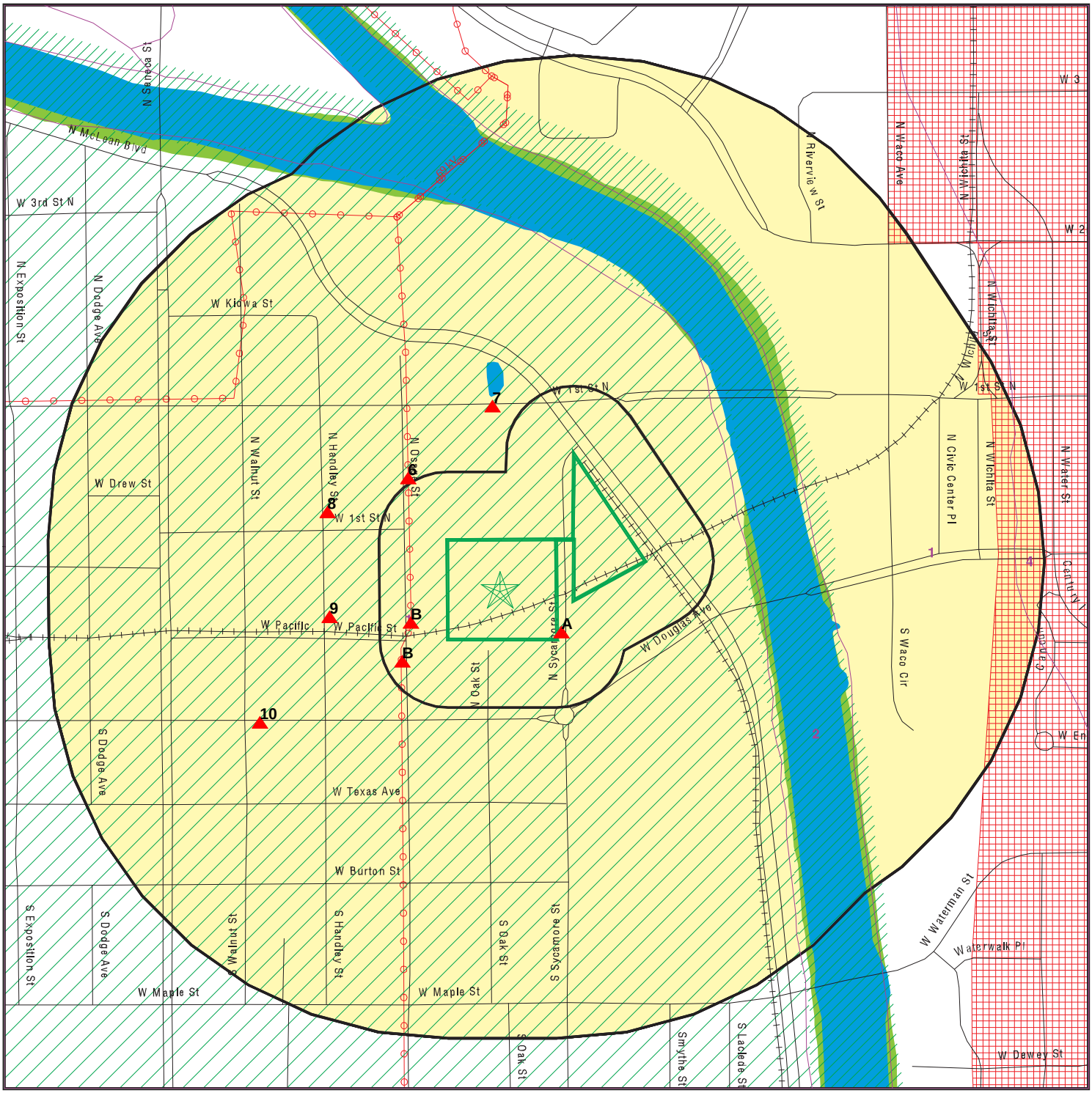
STANDARD ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
PARKER OIL CO INC UST: State and tribal registered storage tank lists LUST: State and tribal leaking storage tank lists	123 N. SYCAMORE, PO BOX 17383	<1/10 ESE	▲ A1	11
SHIPLEY TIRE CO. UST: State and tribal registered storage tank lists LUST: State and tribal leaking storage tank lists	120 NORTH SYCAMORE	<1/10 ESE	▲ A2	15
SHIPLEY TIRE CO. ECHO: Other Standard Environmental Records FINDS: Other Standard Environmental Records	120 N SYCAMORE ST	<1/10 ESE	▲ A3	18
SCOTT & LANDERS INC UST: State and tribal registered storage tank lists LUST: State and tribal leaking storage tank lists	200 N OSAGE	<1/10 WSW	▲ B4	22
KEY CONSTRUCTION LUST: State and tribal leaking storage tank lists	302 N OSAGE	<1/10 NW	▲ 6	26
JOHN ARNOLD ASSOCIATES, INC. LUST: State and tribal leaking storage tank lists	741 W 2ND	<1/10 N	▲ 7	28
RYDER TRUCK RENTAL UST: State and tribal registered storage tank lists LUST: State and tribal leaking storage tank lists	310 N HANDLEY	1/10 - 1/3 WNW	▲ 8	30
LUDEMAN INSULATION & SUPPLY SHWS: State and tribal - equivalent CERCLIS LAST: State and tribal leaking storage tank lists	203 N. HANDLEY	1/10 - 1/3 W	▲ 9	35
RIVER EDGE BAR ECHO: Other Standard Environmental Records FINDS: Other Standard Environmental Records	983 W DOUGLAS AVE	1/10 - 1/3 WSW	▲ 10	39

HISTORICAL USE RECORDS

Name	Address	Dist/Dir	Map ID	Page
149 N OSAGE ST EDR Hist Auto: Historical Gas Stations	149 N OSAGE ST	<1/10 SW	▲ B5	25

PRIMARY MAP - 4560126.6S



0 300 1/3 Miles

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

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Groundwater Flow Direction

GI Indeterminate Groundwater Flow at Location

GV Groundwater Flow Varies at Location

SSURGO Soil

Areas of Concern

SITE NAME: Delano Catalyst Site Parcel 1A	CLIENT: GSI Engineering, LLC
ADDRESS: SW Corner Sycamore & Mclean Wichita KS 67203	CONTACT: Gregg Armstrong INQUIRY #: 4560126.6s
LAT/LONG: 37.68557 / 97.34794	DATE: March 10, 2016 9:36 am

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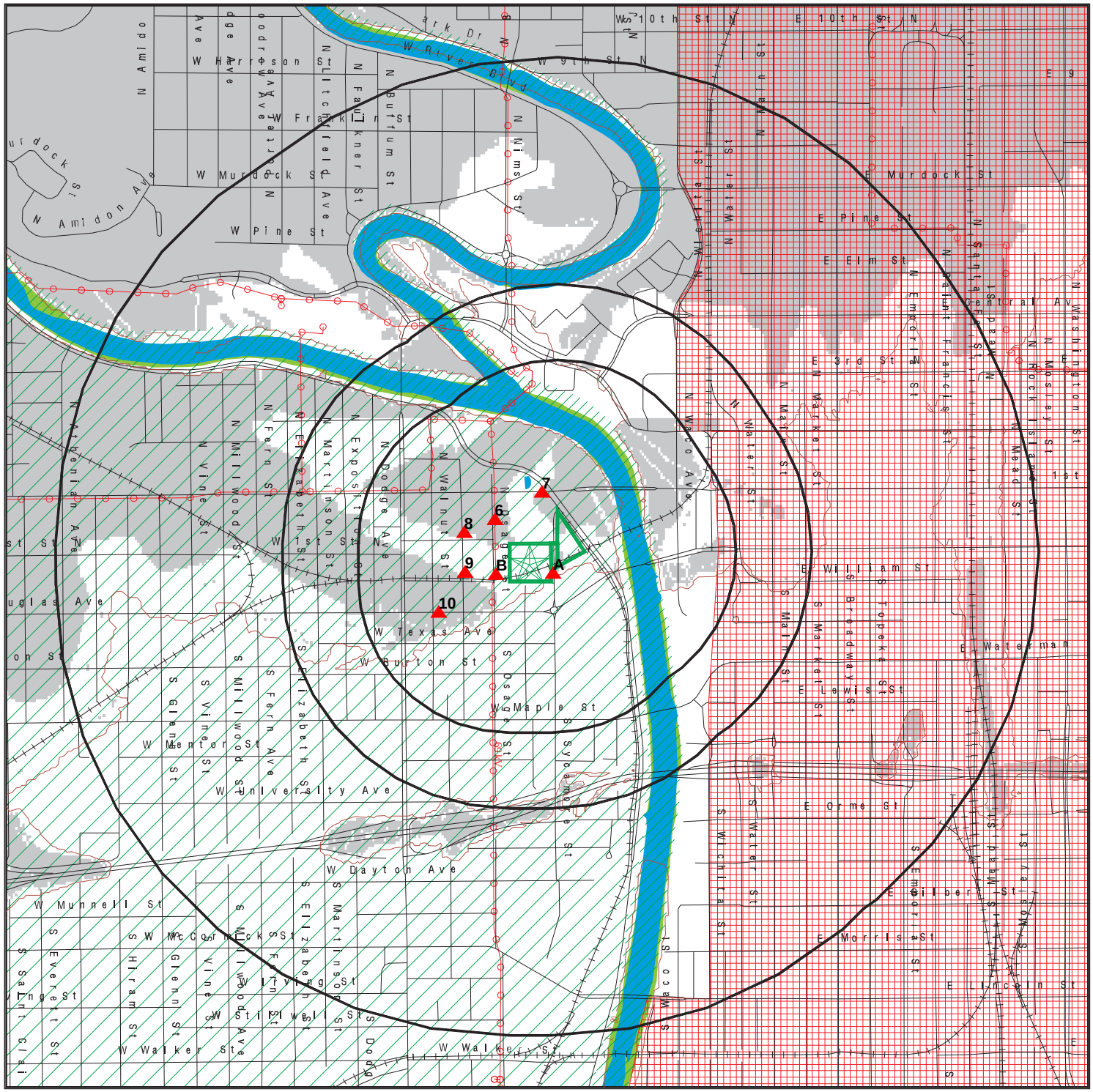
SECONDARY MAP - 4560126.6S



SITE NAME:	Delano Catalyst Site Parcel 1A	CLIENT:	GSI Engineering, LLC
ADDRESS:	SW Corner Sycamore & Mclean Wichita KS 67203	CONTACT:	Gregg Armstrong
LAT/LONG:	37.68557 / 97.34794	INQUIRY #:	4560126.6s
		DATE:	March 10, 2016 9:35 am

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AERIAL PHOTOGRAPHY - 4560126.6s

0 300 1/3 Miles

N

SITE NAME:	Delano Catalyst Site Parcel 1A	CLIENT:	GSI Engineering, LLC
ADDRESS:	SW Corner Sycamore & Mclean Wichita KS 67203	CONTACT:	Gregg Armstrong
		INQUIRY #:	4560126.6s
LAT/LONG:	37.68557 / 97.34794	DATE:	March 10, 2016 9:37 am

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LEGEND

FACILITY NAME **FACILITY ADDRESS, CITY, ST, ZIP**			EDR SITE ID NUMBER
▼ MAP ID#	Direction Distance Range Relative Elevation	(Distance feet / miles) Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.

Worksheet:

Comments:
Comments may be added on the online Vapor Encroachment Worksheet.

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

PARKER OIL CO INC 123 N. SYCAMORE, PO BOX 17383, WICHITA, KS, 67207			U000716162
▲ A1	ESE <1/10	(20 ft. / 0.004 mi.)	State and tribal leaking storage tank lists State and tribal registered storage tank lists
	Equal Elevation	1300 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC Can Be Ruled Out
Comments: Chemicals of concern are not likely to be present at this source.
Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

UST: State and tribal registered storage tank lists

Facility ID:	18496
Facility 911 Address:	123 N SYCAMORE
Facility 911 City, State, Zip:	WICHITA, KS 67203
Facility Phone:	316-529-4343
Phone 24 Hours:	316-529-4343
Facility District:	SC
Facility Location Method:	GARMIN 3 PLUS
Facility Feature:	Facility Center
Facility Datum:	WGS84
Facility Lat/Long:	37.684699999999999/-97.347239999999999
Owner ID:	03101
Owner:	PARKER OIL CO. INC.
Owner Type:	Private Or Corp.
Owner/Rep Name:	Jim Selenke
Owner/Rep Title:	President
Owner Address:	4343 SOUTHWEST ST, PO BOX 1738
Owner City, State, Zip:	WICHITA, KS 67217
Owner County:	SEDGWICK

PARKER OIL CO INC, 123 N. SYCAMORE, PO BOX 17383, WICHITA, KS 67207 (Continued)

Contact:	Parker Oil Co Inc
Contact Title:	Sec Treas
Tank ID:	001
Tank Type:	Underground
Tank Status:	**Permanently Out Of Use**
Total Capacity (Gals):	3000
Hazards:	Not Reported
Petroleum Substance:	Empty
NonPetroleum Substance:	Not Reported
Estimated Yr In Service:	1951
Date Removed:	Not Reported
Last Permit Printed:	Not Reported
Current Permit Printed:	Not Reported
QTY Remaining in Tank:	0
Filled/Removed:	Removed
Tank Empty:	Not Reported
Out of Service Mo/Yr:	001900
Material of Construction:	Steel
Piping:	Unknown
Tank Internal Protection:	None
Tank External Protection:	Unknown
Tank ID:	002
Tank Type:	Underground
Tank Status:	**Permanently Out Of Use**
Total Capacity (Gals):	6000
Hazards:	Not Reported
Petroleum Substance:	Empty
NonPetroleum Substance:	Not Reported
Estimated Yr In Service:	1951
Date Removed:	Not Reported
Last Permit Printed:	Not Reported
Current Permit Printed:	Not Reported
QTY Remaining in Tank:	Not Reported
Filled/Removed:	Removed
Tank Empty:	Not Reported
Out of Service Mo/Yr:	Not Reported
Material of Construction:	Steel
Piping:	Unknown
Tank Internal Protection:	None
Tank External Protection:	Unknown
Tank ID:	003
Tank Type:	Underground
Tank Status:	**Permanently Out Of Use**
Total Capacity (Gals):	8000
Hazards:	**Fire,Chronic,Acute**
Petroleum Substance:	Gas (Incl Alcohol)
NonPetroleum Substance:	Not Reported

PARKER OIL CO INC, 123 N. SYCAMORE, PO BOX 17383, WICHITA, KS 67207 (Continued)

Estimated Yr In Service:	1988
Date Removed:	2/15/1994
Last Permit Printed:	Not Reported
Current Permit Printed:	Not Reported
QTY Remaining in Tank:	0
Filled/Removed:	Removed
Tank Empty:	Not Reported
Out of Service Mo/Yr:	021994
Material of Construction:	Steel
Piping:	Unknown
Tank Internal Protection:	None
Tank External Protection:	Other,LINER

Tank ID:	004
Tank Type:	Underground
Tank Status:	**Permanently Out Of Use**
Total Capacity (Gals):	8000
Hazards:	Not Reported
Petroleum Substance:	Diesel
NonPetroleum Substance:	Not Reported
Estimated Yr In Service:	1988
Date Removed:	2/15/1994
Last Permit Printed:	Not Reported
Current Permit Printed:	Not Reported
QTY Remaining in Tank:	0
Filled/Removed:	Removed
Tank Empty:	Not Reported
Out of Service Mo/Yr:	021994
Material of Construction:	Steel
Piping:	Unknown
Tank Internal Protection:	None
Tank External Protection:	Other,LINER

LUST: State and tribal leaking storage tank lists

Facility ID:	18496
Site Status:	**Closed**
Release Date:	Not Reported
Initial Report Date:	03/01/1994
Project Number:	U2-087-01296
Project Name:	Parker Oil
Legal Desc Section:	20
Legal Desc Township:	27S
Legal Desc Range:	01E
Discover Date:	Not Reported
substrels:	Not Reported
Initial Ranking:	Not Reported
Current Ranking:	Not Reported
Facility Contact:	Not Reported
Facility Phone Number:	Not Reported

PARKER OIL CO INC, 123 N. SYCAMORE, PO BOX 17383, WICHITA, KS 67207 (Continued)

Facility Owner Identification number:	03101
Facility Owner:	Parker Oil Co, Inc.
Owner Contact Person:	Not Reported
Owner Address:	4343 S West St
Owner City:	Wichita
Owner State:	KS
Owner Zip Code:	67217
Owner Phone number:	316-529-4343
Contractor license number:	C0054
Contractor phone number:	316-942-1351
Leak duration (if known):	Not Reported
Quantity released (if known):	Not Reported
Quantity recorded:	Not Reported
Leak Type:	Not Reported
Reported By:	Not Reported
Reported by persons phone number:	Not Reported
Reported by person address:	Not Reported
Ground water Impacted (yes/no):	Alluvium and terrace deposits
Static groundwater level:	Not Reported
Groundwater flow direction:	SSE
District staff names:	Kevin Johnson
Assessment of release:	2-8000 gallon (-1gasoline,1diesel) underground storage tanks were removed. Tanks 6 yrs old, cathodic-protected steel & showed no corrosion signs. 1 line trench soil sample indicated 30ppm total petroleum hydrocarbons by field test analysis. All other s
Contaimination assessement:	Not Reported
Extent of contamination impact:	None suspected.
Updated information:	Not Reported
Invoice initiated:	19942
Invoice on going:	Not Reported
Invoice completetd:	19942
Release confirmed:	Not Reported
Emergencty contact:	Not Reported
Enforcement action:	Not Reported
Cost recovery:	Not Reported
Cost recovery initiated:	Not Reported
Cost recovery initiated by:	Not Reported
Cost recovery completed:	Not Reported
Cost recovery completed by:	Not Reported
Appplication to trust fund:	Not Reported

SHIPLEY TIRE CO. 120 NORTH SYCAMORE, WICHITA, KS, 67203			U000197555
▲ A2	ESE <1/10	(59 ft. / 0.011 mi.)	State and tribal leaking storage tank lists State and tribal registered storage tank lists
	Equal Elevation	1300 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC Can Be Ruled Out

Groundwater Flow Gradient:

Downgradient: YES

Hydrogeologically: YES

UST: State and tribal registered storage tank lists

Facility ID:	22767
Facility 911 Address:	120 N SYCAMORE
Facility 911 City, State, Zip:	WICHITA, KS 67203
Facility Phone:	Not Reported
Phone 24 Hours:	Not Reported
Facility District:	SC
Facility Location Method:	GARMIN 3 PLUS
Facility Feature:	Facility Center
Facility Datum:	WGS84
Facility Lat/Long:	37.68515/-97.34639
Owner ID:	22767
Owner:	SHIPLEY TIRE CO.
Owner Type:	Private Or Corp.
Owner/Rep Name:	Les Shipley
Owner/Rep Title:	Owner
Owner Address:	120 NORTH SYCAMORE
Owner City, State, Zip:	WICHITA, KS 67203
Owner County:	SEDGWICK
Contact:	Les Shipley
Contact Title:	Owner
Tank ID:	001
Tank Type:	Underground
Tank Status:	**Permanently Out Of Use**
Total Capacity (Gals):	3000
Hazards:	**Fire,Chronic,Acute**
Petroleum Substance:	Gas (Incl Alcohol)
NonPetroleum Substance:	Not Reported
Estimated Yr In Service:	1966
Date Removed:	4/15/1990
Last Permit Printed:	Not Reported
Current Permit Printed:	Not Reported
QTY Remaining in Tank:	0
Filled/Removed:	Removed
Tank Empty:	Not Reported
Out of Service Mo/Yr:	041990
Material of Construction:	Steel

SHIPLEY TIRE CO., 120 NORTH SYCAMORE, WICHITA, KS 67203 (Continued)

Piping:	Galv Steel
Tank Internal Protection:	Unknown
Tank External Protection:	Unknown

LUST: State and tribal leaking storage tank lists

Facility ID:	22767
Site Status:	**Closed**
Release Date:	Not Reported
Initial Report Date:	04/19/1990
Project Number:	U2-087-00407
Project Name:	Shipley Tire Co.
Legal Desc Section:	20
Legal Desc Township:	27S
Legal Desc Range:	01E
Discover Date:	Not Reported
substrels:	none
Initial Ranking:	Not Reported
Current Ranking:	Not Reported
Facility Contact:	Not Reported
Facility Phone Number:	Not Reported
Facility Owner Identification number:	22767
Facility Owner:	W.a. Michaelis Jr.
Owner Contact Person:	Not Reported
Owner Address:	211 N. Broadway, Wichita
Owner City:	Not Reported
Owner State:	KS
Owner Zip Code:	67201
Owner Phone number:	Not Reported
Contractor license number:	Not Reported
Contractor phone number:	Not Reported
Leak duration (if known):	0
Quantity released (if known):	Not Reported
Quantity recorded:	Not Reported
Leak Type:	Not Reported
Reported By:	Not Reported
Reported by persons phone number:	Not Reported
Reported by person address:	Not Reported
Ground water Impacted (yes/no):	Not Reported
Static groundwater level:	Not Reported
Groundwater flow direction:	Not Reported
District staff names:	Kyle Parker
Assessment of release:	Routine tank removal 1-4000 gallon gasoline underground storage tank. All field test analyses from excavation tested well within accepted limits. Closed.
Contaimination assessement:	Not Reported
Extent of contamination impact:	Not Reported
Updated information:	Not Reported
Invoice initiated:	19903
Invoice on going:	Not Reported
Invoice completetd:	19903
Release confirmed:	Not Reported

SHIPLEY TIRE CO., 120 NORTH SYCAMORE, WICHITA, KS 67203 (Continued)

Emergencty contact:	Not Reported
Enforcement action:	Not Reported
Cost recovery:	Not Reported
Cost recovery initiated:	Not Reported
Cost recovery initiated by:	Not Reported
Cost recovery completed:	Not Reported
Cost recovery completed by:	Not Reported
Appplication to trust fund:	Not Reported

SHIPLEY TIRE CO. 120 N SYCAMORE ST, WICHITA, KS, 67203			1007477967
▲ A3	ESE <1/10	(59 ft. / 0.011 mi.)	Other Standard Environmental Records
	Equal Elevation	1300 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC Can Be Ruled Out

Conditions:

Not Applicable: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

ECHO: Other Standard Environmental Records

Envid:	1007477967
Registry ID:	110017547895
FIPS Code:	20173
EPA Region:	07
Indian Country Flag:	N
Federal Flag:	Not Reported
US Mexico Border Flag:	Not Reported
Chesapeake Bay Flag:	Not Reported
NAA Flag:	Not Reported
Latitude:	37.68523
Longitude:	-97.34638
Map Icon:	NONE-UNK-MN-N.png
Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Reference Point:	CENTER OF A FACILITY OR STATION
Accuracy Meters:	30
Derived Tribes:	Not Reported
Derived Huc:	11030013
Derived WBD:	Not Reported
Derived STCT FPS:	20173
Derived Zip:	67203
Derived CD113:	04
Derived CB2010:	201730043003038
Percent Minority:	Not Reported
Pop Den:	Not Reported
Major Flag:	Not Reported
Active Flag:	Not Reported
MYRTK Universe:	NNN
Inspection Count:	0
Date Last Inspection:	Not Reported
Days Last Inspection:	Not Reported
Informal Count:	0
Date Last Informal Action:	Not Reported
Formal Action Count:	0
Date Last Formal Action:	Not Reported

SHIPLEY TIRE CO., 120 N SYCAMORE ST, WICHITA, KS 67203 (Continued)

Total Penalties:	0
Penalty Count:	Not Reported
Date Last Penalty:	Not Reported
Last Penalty Amount:	Not Reported
QTRS in NC:	Not Reported
Programs in SNC:	0
Curr Compliance Status:	Not Reported
Curr SNC Flag:	N
3yr Compliance Status:	Not Reported
AFS Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AFS IDS:	Not Reported
CAA Permit Types:	Not Reported
CAA NAICS:	Not Reported
CAA SICS:	Not Reported
CAA Evaluation Count:	Not Reported
CAA Days Last Evaluation:	Not Reported
CAA Informal Count:	Not Reported
CAA Formal Action Count:	Not Reported
CAA Date Last Formal Action:	Not Reported
CAA Penalties:	Not Reported
CAA Last Penality Date:	Not Reported
CAA Last Penality Amount:	Not Reported
CAA Qtrs in NC:	Not Reported
CAA Curr Compliance Status:	Not Reported
CAA Curr HPV Flag:	N
CAA 3yr Compl Qtrs Status:	Not Reported
NPDES IDS:	Not Reported
CWA Permit Types:	Not Reported
CWA Compliance Tracking:	Not Reported
CWA NAICS:	Not Reported
CWA SICS:	Not Reported
CWA Inspection Count:	Not Reported
CWA Days Last Inspection:	Not Reported
CWA Informal Count:	Not Reported
CWA Formal Action Count:	Not Reported
CWA Date Last Formal Action:	Not Reported
CWA Penalties:	Not Reported
CWA Last Penality Date:	Not Reported
CWA Last Penality Amount:	Not Reported
CWA Qtrs in NC:	Not Reported
CWA Curr Compliance Status:	Not Reported
CWA Curr SNC Flag:	N
CWA 13QTRS Compl Status:	Not Reported
CWA 13QTRS EFFLNT Exceedances:	Not Reported

SHIPLEY TIRE CO., 120 N SYCAMORE ST, WICHITA, KS 67203 (Continued)

CWA 3tr QNCR Codes:	Not Reported
RCRA IDS:	Not Reported
RCRA Permit Types:	Not Reported
RCRA NAICS:	Not Reported
RCRA Inspection Count:	Not Reported
RCRA Days Last Evaluation:	Not Reported
RCRA Informal Count:	Not Reported
RCRA Formal Action Count:	Not Reported
RCRA Date Last Formal Action:	Not Reported
RCRA Penalties:	Not Reported
RCRA Last Penality Date:	Not Reported
RCRA Last Penality Amount:	Not Reported
RCRA QTRS in NC:	Not Reported
RCRA Curr Compliance Status:	Not Reported
RCRA Curr SNC Flag:	N
RCRA 3yr Compl Qtrs Status:	Not Reported
SDWA IDS:	Not Reported
SDWA System Types:	Not Reported
SDWA Informal Count:	Not Reported
SDWA Formal Action Count:	Not Reported
SDWA Curr Compliance Status:	Not Reported
SDWA Curr SNC Flag:	N
TRI IDS:	Not Reported
TRI Releases Transfers:	Not Reported
TRI on Site Releases:	Not Reported
Tri off Site Transfers:	Not Reported
TRI Reporter in Past:	Not Reported
FEC Case IDS:	Not Reported
FEC Number of Cases:	Not Reported
FEC Last Case Date:	Not Reported
FEC Total Penalties:	Not Reported
GHG IDS:	Not Reported
GHG CO2 Release:	Not Reported
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110017547895
Facility SIC Codes:	Not Reported
Facility NAICS Codes:	Not Reported
Facility Date Last Inspection EPA:	Not Reported
Facility Date Last Inspection State:	Not Reported
Facility Date Last Formal ACT EPA:	Not Reported
Facility Date Last Formal ACT ST:	Not Reported
Facility Date Last Inforamal ACT EPA:	Not Reported
Facility Date Last Informal ACT ST:	Not Reported
Facility Federal Agency:	Not Reported
TRI Reporter:	Not Reported
Facility IMP Water Flag:	Not Reported

FINDS: Other Standard Environmental Records

Registry ID:	110017547895

SHIPLEY TIRE CO., 120 N SYCAMORE ST, WICHITA, KS 67203 (Continued)

Environmental Interest/Information System:

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.

SCOTT & LANDERS INC 200 N OSAGE, WICHITA, KS, 67203			U000199023
▲ B4	WSW <1/10	(164 ft. / 0.031 mi.)	State and tribal leaking storage tank lists State and tribal registered storage tank lists
	Equal Elevation	1300 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC Can Be Ruled Out

Comments: Chemicals of concern are not likely to be present at this source.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

UST: State and tribal registered storage tank lists

Facility ID:	28780
Facility 911 Address:	200 N OSAGE
Facility 911 City, State, Zip:	WICHITA, KS 67203
Facility Phone:	316-264-5328
Phone 24 Hours:	316-264-5328
Facility District:	SC
Facility Location Method:	GARMIN 3 PLUS
Facility Feature:	Facility Center
Facility Datum:	WGS84
Facility Lat/Long:	37.685459999999999/-97.349350000000001
Owner ID:	28780
Owner:	SCOTT & LANDERS INC
Owner Type:	Private Or Corp.
Owner/Rep Name:	Scott & Landers Inc
Owner/Rep Title:	Owners
Owner Address:	200 N OSAGE
Owner City, State, Zip:	WICHITA, KS 67203
Owner County:	SEDGWICK
Contact:	Richard Landers
Contact Title:	President
Tank ID:	001
Tank Type:	Underground
Tank Status:	**Permanently Out Of Use**
Total Capacity (Gals):	2000
Hazards:	**Fire,Chronic,Acute**
Petroleum Substance:	Gas (Incl Alcohol)
NonPetroleum Substance:	Not Reported
Estimated Yr In Service:	1973
Date Removed:	6/15/1990
Last Permit Printed:	Not Reported
Current Permit Printed:	Not Reported
QTY Remaining in Tank:	0
Filled/Removed:	Removed

SCOTT & LANDERS INC, 200 N OSAGE, WICHITA, KS 67203 (Continued)

Tank Empty:	Not Reported
Out of Service Mo/Yr:	061990
Material of Construction:	Steel
Piping:	Galv Steel
Tank Internal Protection:	Unknown
Tank External Protection:	Unknown

LUST: State and tribal leaking storage tank lists

Facility ID:	28780
Site Status:	**Closed**
Release Date:	Not Reported
Initial Report Date:	06/27/1990
Project Number:	U2-087-00454
Project Name:	Scott & Lauders
Legal Desc Section:	20
Legal Desc Township:	27S
Legal Desc Range:	01E
Discover Date:	Not Reported
substrels:	no leak
Initial Ranking:	Not Reported
Current Ranking:	Not Reported
Facility Contact:	Richard E. Landers
Facility Phone Number:	316-264-5328
Facility Owner Identification number:	28780
Facility Owner:	Scott & Landers, Inc.
Owner Contact Person:	Not Reported
Owner Address:	200 N. Osage, Wichita
Owner City:	Not Reported
Owner State:	KS
Owner Zip Code:	67203
Owner Phone number:	316-264-5328
Contractor license number:	Not Reported
Contractor phone number:	Not Reported
Leak duration (if known):	0
Quantity released (if known):	Not Reported
Quantity recorded:	Not Reported
Leak Type:	Not Reported
Reported By:	Not Reported
Reported by persons phone number:	Not Reported
Reported by person address:	Not Reported
Ground water Impacted (yes/no):	Not Reported
Static groundwater level:	Not Reported
Groundwater flow direction:	Not Reported
District staff names:	Stan Marcotte
Assessment of release:	no leakage incident.no gasoline odors or stains were encountered during the removal of a 2000 gal. ust.tph levels were non-detectable in 2 soil samples.site-closed
Contaimination assessement:	Not Reported
Extent of contamination impact:	Not Reported
Updated information:	Not Reported
Invoice initiated:	19903

SCOTT & LANDERS INC, 200 N OSAGE, WICHITA, KS 67203 (Continued)

Invoice on going:	Not Reported
Invoice completetd:	19903
Release confirmed:	Not Reported
Emergencty contact:	Not Reported
Enforcement action:	Not Reported
Cost recovery:	Not Reported
Cost recovery initiated:	Not Reported
Cost recovery initiated by:	Not Reported
Cost recovery completed:	Not Reported
Cost recovery completed by:	Not Reported
Appplication to trust fund:	Not Reported

149 N OSAGE ST 149 N OSAGE ST, WICHITA, KS, 67203			1015234749
▲ B5	SW <1/10	(228 ft. / 0.043 mi.)	Historical Gas Stations
	Equal Elevation	1300 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC Can Be Ruled Out

Comments: The source is crossgradient. The distance between the source and the target property is greater than the critical distance plus a factor to account for plume width.

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Crossgradient: YES

EDR Historical Auto Stations: Historical Gas Stations

Name:	DENT BUSTERS COLLISIONRSTRTN
Year:	2010
Address:	149 N OSAGE ST
Name:	DENT BUSTER COLLISION CENTER
Year:	2011
Address:	149 N OSAGE ST
Name:	DENT BUSTER COLLISION CENTER
Year:	2012
Address:	149 N OSAGE ST

KEY CONSTRUCTION 302 N OSAGE, WICHITA, KS,			S103710630
▲ 6	NW <1/10	(315 ft. / 0.06 mi.)	State and tribal leaking storage tank lists
	1 ft. Higher Elevation	1301 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC Can Be Ruled Out

Conditions:

Not Applicable: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

LUST: State and tribal leaking storage tank lists

Facility ID:	81654
Site Status:	**Closed**
Release Date:	Not Reported
Initial Report Date:	10/29/1998
Project Number:	U2-087-12316
Project Name:	Key Construction
Legal Desc Section:	20
Legal Desc Township:	27S
Legal Desc Range:	01E
Discover Date:	Not Reported
substrels:	n/a
Initial Ranking:	Not Reported
Current Ranking:	Not Reported
Facility Contact:	Thomas Bontrager
Facility Phone Number:	Not Reported
Facility Owner Identification number:	Not Reported
Facility Owner:	Paul & Mildred Bontrager Trust
Owner Contact Person:	Thomas Bontrager
Owner Address:	317 Osage
Owner City:	Wichita
Owner State:	KS
Owner Zip Code:	67203
Owner Phone number:	316-262-7070
Contractor license number:	Not Reported
Contractor phone number:	316-262-8902
Leak duration (if known):	Not Reported
Quantity released (if known):	Not Reported
Quantity recorded:	Not Reported
Leak Type:	Not Reported
Reported By:	Not Reported
Reported by persons phone number:	Not Reported
Reported by person address:	Not Reported
Ground water Impacted (yes/no):	quaternary alluvium & terrace deposits
Static groundwater level:	Not Reported

KEY CONSTRUCTION, 302 N OSAGE, WICHITA, KS (Continued)

Groundwater flow direction:	Not Reported
District staff names:	Meer Husain
Assessment of release:	1-4000 gal gas ust removed. 1 sample from 25ft indicated 50 ppm tph. no further action.
Contaimination assessement:	Not Reported
Extent of contamination impact:	Not Reported
Updated information:	Not Reported
Invoice initiated:	19992
Invoice on going:	Not Reported
Invoice completetd:	19992
Release confirmed:	Not Reported
Emergencty contact:	Not Reported
Enforcement action:	Not Reported
Cost recovery:	Not Reported
Cost recovery initiated:	Not Reported
Cost recovery initiated by:	Not Reported
Cost recovery completed:	Not Reported
Cost recovery completed by:	Not Reported
Appplication to trust fund:	Not Reported

JOHN ARNOLD ASSOCIATES, INC. 741 W 2ND, WICHITA, KS, 67203			S101833590
▲ 7	N <1/10	(413 ft. / 0.078 mi.)	State and tribal leaking storage tank lists
	Equal Elevation	1300 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC Can Be Ruled Out

Conditions:

Petroleum Hydrocarbon Chemicals of Concern: YES

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

Hydrogeologically: YES

LUST: State and tribal leaking storage tank lists

Facility ID:	80084
Site Status:	**Closed**
Release Date:	Not Reported
Initial Report Date:	08/29/1991
Project Number:	U2-087-00805
Project Name:	John Arnold Associates
Legal Desc Section:	20
Legal Desc Township:	27S
Legal Desc Range:	01E
Discover Date:	Not Reported
substrels:	Not Reported
Initial Ranking:	Not Reported
Current Ranking:	Not Reported
Facility Contact:	Marlin Penner
Facility Phone Number:	Not Reported
Facility Owner Identification number:	Not Reported
Facility Owner:	Not Reported
Owner Contact Person:	Not Reported
Owner Address:	Not Reported
Owner City:	Not Reported
Owner State:	Not Reported
Owner Zip Code:	Not Reported
Owner Phone number:	Not Reported
Contractor license number:	Not Reported
Contractor phone number:	316-775-2205
Leak duration (if known):	Not Reported
Quantity released (if known):	Not Reported
Quantity recorded:	Not Reported
Leak Type:	Not Reported
Reported By:	Travis Kogl
Reported by persons phone number:	Not Reported
Reported by person address:	Scdo
Ground water Impacted (yes/no):	alluvium and terrace deposits.
Static groundwater level:	Not Reported

JOHN ARNOLD ASSOCIATES, INC., 741 W 2ND, WICHITA, KS 67203 (Continued)

Groundwater flow direction:	Not Reported
District staff names:	Travis Kogl
Assessment of release:	during removal of 2-750 gal usts & lines, no petroleum odors or stains were encountered. the tanks showed signs of pitting and scaling but no actual breaches were discovered. the tanks will be scrapped.
Contaimination assessement:	yes.
Extent of contamination impact:	none suspected.
Updated information:	Not Reported
Invoice initiated:	19921
Invoice on going:	Not Reported
Invoice completetd:	19921
Release confirmed:	Not Reported
Emergencty contact:	Not Reported
Enforcement action:	Not Reported
Cost recovery:	Not Reported
Cost recovery initiated:	Not Reported
Cost recovery initiated by:	Not Reported
Cost recovery completed:	Not Reported
Cost recovery completed by:	Not Reported
Appplication to trust fund:	Not Reported

RYDER TRUCK RENTAL 310 N HANDLEY, WICHITA, KS, 67203			1000211721
▲ 8	WNW 1/10 - 1/3	(541 ft. / 0.102 mi.)	State and tribal leaking storage tank lists State and tribal registered storage tank lists
	1 ft. Higher Elevation	1301 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

UST: State and tribal registered storage tank lists

Facility ID:	06536
Facility 911 Address:	310 N HANDLEY
Facility 911 City, State, Zip:	WICHITA, KS 67203
Facility Phone:	Not Reported
Phone 24 Hours:	Not Reported
Facility District:	SC
Facility Location Method:	GARMIN 3 PLUS
Facility Feature:	Facility Center
Facility Datum:	WGS84
Facility Lat/Long:	37.686729999999997/-97.350629999999995
Owner ID:	00012
Owner:	RYDER TR %RYDER FUEL SERV.
Owner Type:	Current
Owner/Rep Name:	AMY WHITE
Owner/Rep Title:	CONTACT PERSON
Owner Address:	16155 PARK ROW, STE 140
Owner City, State, Zip:	HOUSTON, TX 77084
Owner County:	Not Reported
Contact:	Clyde Tyrrell
Contact Title:	Dist Safety Manager
Tank ID:	001
Tank Type:	Underground
Tank Status:	**Permanently Out Of Use**
Total Capacity (Gals):	8000
Hazards:	**Fire,Chronic,Acute**
Petroleum Substance:	Gas (Incl Alcohol)
NonPetroleum Substance:	Not Reported
Estimated Yr In Service:	1967
Date Removed:	3/15/1992
Last Permit Printed:	Not Reported
Current Permit Printed:	Not Reported
QTY Remaining in Tank:	0
Filled/Removed:	Removed
Tank Empty:	Not Reported
Out of Service Mo/Yr:	031992
Material of Construction:	Steel
Piping:	Bare Steel
Tank Internal Protection:	Unknown

RYDER TRUCK RENTAL, 310 N HANDLEY, WICHITA, KS 67203 (Continued)

Tank External Protection:	Painted

Tank ID:	002
Tank Type:	Underground
Tank Status:	**Permanently Out Of Use**
Total Capacity (Gals):	2000
Hazards:	**Fire,Chronic**
Petroleum Substance:	Used Oil
NonPetroleum Substance:	Not Reported
Estimated Yr In Service:	1971
Date Removed:	3/15/1992
Last Permit Printed:	Not Reported
Current Permit Printed:	Not Reported
QTY Remaining in Tank:	0
Filled/Removed:	Removed
Tank Empty:	Not Reported
Out of Service Mo/Yr:	031992
Material of Construction:	Steel
Piping:	Bare Steel
Tank Internal Protection:	Unknown
Tank External Protection:	Painted

Tank ID:	003
Tank Type:	Underground
Tank Status:	**Permanently Out Of Use**
Total Capacity (Gals):	4000
Hazards:	Not Reported
Petroleum Substance:	Not Reported
NonPetroleum Substance:	OIL
Estimated Yr In Service:	1971
Date Removed:	3/15/1992
Last Permit Printed:	Not Reported
Current Permit Printed:	Not Reported
QTY Remaining in Tank:	0
Filled/Removed:	Removed
Tank Empty:	Not Reported
Out of Service Mo/Yr:	031992
Material of Construction:	Steel
Piping:	Bare Steel
Tank Internal Protection:	Unknown
Tank External Protection:	Painted

Tank ID:	004
Tank Type:	Underground
Tank Status:	**Permanently Out Of Use**
Total Capacity (Gals):	2000
Hazards:	**Chronic,Acute**
Petroleum Substance:	Not Reported
NonPetroleum Substance:	Antifreeze
Estimated Yr In Service:	1971

RYDER TRUCK RENTAL, 310 N HANDLEY, WICHITA, KS 67203 (Continued)

Date Removed:	3/15/1992
Last Permit Printed:	Not Reported
Current Permit Printed:	Not Reported
QTY Remaining in Tank:	0
Filled/Removed:	Removed
Tank Empty:	Not Reported
Out of Service Mo/Yr:	031992
Material of Construction:	Steel
Piping:	Bare Steel
Tank Internal Protection:	Unknown
Tank External Protection:	Painted

Tank ID:	005
Tank Type:	Underground
Tank Status:	**Permanently Out Of Use**
Total Capacity (Gals):	10000
Hazards:	Not Reported
Petroleum Substance:	Diesel
NonPetroleum Substance:	Not Reported
Estimated Yr In Service:	1967
Date Removed:	3/15/1992
Last Permit Printed:	Not Reported
Current Permit Printed:	Not Reported
QTY Remaining in Tank:	0
Filled/Removed:	Removed
Tank Empty:	Not Reported
Out of Service Mo/Yr:	031992
Material of Construction:	Steel
Piping:	Bare Steel
Tank Internal Protection:	Unknown
Tank External Protection:	Painted

Tank ID:	006
Tank Type:	Underground
Tank Status:	**Permanently Out Of Use**
Total Capacity (Gals):	10000
Hazards:	Not Reported
Petroleum Substance:	Diesel
NonPetroleum Substance:	Not Reported
Estimated Yr In Service:	1967
Date Removed:	3/15/1992
Last Permit Printed:	Not Reported
Current Permit Printed:	Not Reported
QTY Remaining in Tank:	0
Filled/Removed:	Removed
Tank Empty:	Not Reported
Out of Service Mo/Yr:	031992
Material of Construction:	Steel
Piping:	Bare Steel
Tank Internal Protection:	Unknown

RYDER TRUCK RENTAL, 310 N HANDLEY, WICHITA, KS 67203 (Continued)

Tank External Protection: Painted

LUST: State and tribal leaking storage tank lists

Facility ID:	06536
Site Status:	**Closed**
Release Date:	Not Reported
Initial Report Date:	06/22/1992
Project Number:	U2-087-00969
Project Name:	Ryder Truck Rental, Wichita
Legal Desc Section:	20
Legal Desc Township:	27S
Legal Desc Range:	01E
Discover Date:	03/30/1992
substrels:	gasoline/diesel
Initial Ranking:	Not Reported
Current Ranking:	Not Reported
Facility Contact:	Ivan Gonzalez
Facility Phone Number:	713-686-3840
Facility Owner Identification number:	00012
Facility Owner:	Ryder Truck Rental Inc
Owner Contact Person:	Not Reported
Owner Address:	11200 Hempstead Hwy, Houston
Owner City:	Not Reported
Owner State:	TX
Owner Zip Code:	77092
Owner Phone number:	713-686-3840
Contractor license number:	Not Reported
Contractor phone number:	316-942-4268
Leak duration (if known):	Unkn
Quantity released (if known):	Not Reported
Quantity recorded:	Not Reported
Leak Type:	Not Reported
Reported By:	Ivan Gonzalez
Reported by persons phone number:	713-686-3840
Reported by person address:	11200 Hempsteak Hwy,houston,tx
Ground water Impacted (yes/no):	river & terrace deposits. sand & gravel.
Static groundwater level:	Not Reported
Groundwater flow direction:	Not Reported
District staff names:	Not Reported
Assessment of release:	2-2000 gal & 1-4000 gal ust & lines removed. petrol contam.940 tons soil taken to srti for remediation. lab analysis on confirmation samps-nd. due to site geology/reports gw encountered during exc, monitoring well has been requested. 9/93 close site
Contaimination assessement:	yes - all known tanks have been removed.
Extent of contamination impact:	a monitoring well has been requested. 11/12/92: monitor wells samples were nondetect requested 9/93 resampling. 9/15/93: monitor well samples still nondetect, no further work required.
Updated information:	Not Reported
Invoice initiated:	19923
Invoice on going:	Not Reported
Invoice completetd:	19923
Release confirmed:	19923

RYDER TRUCK RENTAL, 310 N HANDLEY, WICHITA, KS 67203 (Continued)

Emergencty contact:	Not Reported
Enforcement action:	Not Reported
Cost recovery:	Not Reported
Cost recovery initiated:	19923
Cost recovery initiated by:	Responsible Party
Cost recovery completed:	19941
Cost recovery completed by:	Responsible Party
Appplication to trust fund:	Not Reported

LUDEMAN INSULATION & SUPPLY 203 N. HANDLEY, WICHITA, KS, 67203			S106530095
▲ 9	W 1/10 - 1/3	(562 ft. / 0.106 mi.)	State and tribal - equivalent CERCLIS State and tribal leaking storage tank lists
	Equal Elevation	1300 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

SHWS: State and tribal - equivalent CERCLIS

Site ID:	2690
Has Env Use Control:	No
Project code:	C208772739
PM Name:	SCHNEIDER, N.
Site Status:	**Active**
District Office:	SCDO
Lat/Long:	37.685236 / -97.351184
River Basin:	Lower Arkansas
Aquifer Yield:	Alluvial
Other Aquifers:	Not Reported
Parent PC:	Not Reported
Parent Name:	Not Reported
CERCLIS ID:	Not Reported
Discovery Date:	Not Reported
Depth To GW:	11-20 feet
Depth To Bedrock:	51-100 feet
Aquifer Yield:	Not Reported
GW Flow Direction:	E-SE
Acres Affected:	Not Reported
Waste Present:	No
Product Present:	No
Program:	Site Assessment
Lead Agency:	BER - Assessment and Restoration
Contaminants:	Not Reported
Media Act:	Not Reported
Media Pot:	Not Reported
Source:	Not Reported
Land Use:	Not Reported
Private well:	Not Reported
Waste Present:	Not Reported
Product:	Not Reported
Receptor Act:	Not Reported
Receptor Pot:	Not Reported
Remed Air:	Not Reported
Remed Soil:	Not Reported
Remed Water:	Not Reported
Remedir:	Not Reported
Alias:	Not Reported
Eucan Number:	Not Reported

LUDEMAN INSULATION & SUPPLY, 203 N. HANDLEY, WICHITA, KS 67203 (Continued)

Date:	Not Reported
Activity Type:	Site Evaluation
Activity Status:	Completed
Activity Start Date:	10/20/2010
Activity End Date:	01/14/2011
Narrative:	Ludeman Insulation & Supply is a distributor and installer of insulation and accessories. The property was purchased for the business in 1974. Prior to this transaction, the property had been previously owned by Sunflower State Oil, Cudahy Refining Co., Sinclair Oil, and Atlantic Richfield Corporation. Five aboveground storage tanks (ASTs) and one underground storage tank (UST) were left on the property from the previous owner. These tanks were removed in the 1980s. In 2004, the owner's son purchased the property for continued use as Ludeman Insulation & Supply. Prior to his purchase, he hired Larson & Associates to perform a site investigation to determine if any contamination was present. Eleven monitoring wells were installed and soil samples were collected from thirteen locations during the investigation. Analysis results indicated TPH-GRO, TPH-DRO, and various volatile organic compounds (VOCs) associated with a fuel spill were detected in both soil and groundwater, most notably near the former AST locations on the southwest corner of the property. During the 2004 investigation, tetrachloroethylene (PCE) and its b reakdown products trichloroethylene (TCE) and cis 1,2-dichloroethylene (DCE) were also detected in several of the monitoring wells. PCE was detected at a maximum of 3.2 micrograms per liter (µg/L), below its Tier 2 Risk-Based Standard for Kansas (RSK) of 5 µg/L. KDHE performed a Site Evaluation in November of 2010 to determine the source of the PCE in the monitoring wells at the site. On November 17, 2010, four groundwater samples were collected northwest and upgradient of Ludeman Insulation & Supply with a Geoprobe and one sample was collected from a monitoring wells just southwest of the property. The samples were analyzed for VOCs. PCE was detected in two samples above its RSK at a maximum of 5.9 µg/L. TCE and cis 1,2-DCE were detected below RSK levels in three and one samples, respectively. The monitoring well only had detections of

LUDEMAN INSULATION & SUPPLY, 203 N. HANDLEY, WICHITA, KS 67203 (Continued)

fuel-related VOCs, attributable to the site it was drilled forf, Estfan, LLC. (also known as Joe's Seat Cover & Car Wash). The detections of PCE appear to be attributable to the plume from the Four Seasons dry cleaner site, located 2.2 miles west-northwest of Ludeman Insulation & Supply. Two other KDHE sites, West 2nd and Dodge and Air Capitol Upgradient, are located between Ludeman Insulation & Supply and Four Seasons and also had detections of PCE attributable to Four Seasons. No further action was recommended for Ludeman Insulation & Supply.

LAST: State and tribal leaking storage tank lists

Facility ID:	82459
Project Number:	A2-087-40268
Project Name:	Ludeman Insulation & Supply, Inc.
Site Extention:	Not Reported
Legal Desc Section:	20
Legal Desc Township:	27S
Legal Desc Range:	01E
Facility Status:	Closed
Initial Report Date:	02/04/2003
Release Date:	Not Reported
Discover Date:	Not Reported
Substrels:	Gasoline
Initial Ranking:	41
Current Ranking:	80.00000
Facility Contact:	Jim Pfister
Facility Phone Number:	316-264-2363
Facility Owner Identification number:	Not Reported
Facility Owner:	Same
Owner Contact Person:	Same
Owner Address:	Same
Owner City:	Same
Owner State:	Not Reported
Owner Zip Code:	Same
Owner Phone number:	Not Reported
Contractor license number:	Not Reported
Contractor phone number:	Not Reported
Leak duration (if known):	Not Reported
Quantity released (if known):	Not Reported
Quantity recorded:	Not Reported
Leak Type:	Not Reported
Reported By:	Jim Pfister
Reported by persons phone number:	316-264-2363
Reported by person address:	P.O. Box 775, Wichita, KS 67201-0775
Ground water Impacted (yes/no):	Quaternary Alluvium and Terrace deposit.
Static groundwater level:	Not Reported

LUDEMAN INSULATION & SUPPLY, 203 N. HANDLEY, WICHITA, KS 67203 (Continued)

Groundwater flow direction:	Not Reported
District staff names:	Meer Husain
Assessment of release:	Not Reported
Contaimination assessement:	Yes.
Extent of contamination impact:	A limited geoprobing survey indicated low level of Hydrocarbon Contamination in gr. water. A detailed investigation needs to be conducted.
Updated information:	A TerraTech geoprobing survey revealed that SB-2 - soil sample from 7' to 8' containing TPH - (GRO of 1,000 PPM. Groundwater sample from GW-3 (depth: 24' - 26') and GW-6 (depth : 18-20') a TPH-GRO level of 100 ppm and 701 ppm respectively. Groundwate
Invoice initiated:	Not Reported
Invoice on going:	Not Reported
Invoic completetd:	Not Reported
Release confirmed:	Not Reported
Emergencty contact:	Not Reported
Enforcement action:	Not Reported
Cost recovery:	Not Reported
Cost recovery initiated:	Not Reported
Cost recovery initiated by:	Not Reported

RIVER EDGE BAR 983 W DOUGLAS AVE, WICHITA, KS, 67213			1007472975
▲ 10	WSW 1/10 - 1/3	(911 ft. / 0.173 mi.)	Other Standard Environmental Records
	1 ft. Higher Elevation	1301 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Crossgradient: YES

ECHO: Other Standard Environmental Records

Envid:	1007472975
Registry ID:	110017487771
FIPS Code:	20173
EPA Region:	07
Indian Country Flag:	N
Federal Flag:	Not Reported
US Mexico Border Flag:	Not Reported
Chesapeake Bay Flag:	Not Reported
NAA Flag:	Not Reported
Latitude:	37.683989
Longitude:	-97.351648
Map Icon:	NONE-UNK-MN-N.png
Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Reference Point:	ENTRANCE POINT OF A FACILITY OR STATION
Accuracy Meters:	50
Derived Tribes:	Not Reported
Derived Huc:	11030013
Derived WBD:	110300130106
Derived STCT FPS:	20173
Derived Zip:	67213
Derived CD113:	04
Derived CB2010:	201730043003033
Percent Minority:	Not Reported
Pop Den:	Not Reported
Major Flag:	Not Reported
Active Flag:	Not Reported
MYRTK Universe:	NNN
Inspection Count:	0
Date Last Inspection:	Not Reported
Days Last Inspection:	Not Reported
Informal Count:	0
Date Last Informal Action:	Not Reported
Formal Action Count:	0
Date Last Formal Action:	Not Reported
Total Penalties:	0
Penalty Count:	Not Reported
Date Last Penalty:	Not Reported
Last Penalty Amount:	Not Reported
QTRS in NC:	Not Reported

RIVER EDGE BAR, 983 W DOUGLAS AVE, WICHITA, KS 67213 (Continued)

Programs in SNC:	0
Curr Compliance Status:	Not Reported
Curr SNC Flag:	N
3yr Compliance Status:	Not Reported
AFS Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AFS IDS:	Not Reported
CAA Permit Types:	Not Reported
CAA NAICS:	Not Reported
CAA SICS:	Not Reported
CAA Evaluation Count:	Not Reported
CAA Days Last Evaluation:	Not Reported
CAA Informal Count:	Not Reported
CAA Formal Action Count:	Not Reported
CAA Date Last Formal Action:	Not Reported
CAA Penalties:	Not Reported
CAA Last Penality Date:	Not Reported
CAA Last Penality Amount:	Not Reported
CAA Qtrs in NC:	Not Reported
CAA Curr Compliance Status:	Not Reported
CAA Curr HPV Flag:	N
CAA 3yr Compl Qtrs Status:	Not Reported
NPDES IDS:	Not Reported
CWA Permit Types:	Not Reported
CWA Compliance Tracking:	Not Reported
CWA NAICS:	Not Reported
CWA SICS:	Not Reported
CWA Inspection Count:	Not Reported
CWA Days Last Inspection:	Not Reported
CWA Informal Count:	Not Reported
CWA Formal Action Count:	Not Reported
CWA Date Last Formal Action:	Not Reported
CWA Penalties:	Not Reported
CWA Last Penality Date:	Not Reported
CWA Last Penality Amount:	Not Reported
CWA Qtrs in NC:	Not Reported
CWA Curr Compliance Status:	Not Reported
CWA Curr SNC Flag:	N
CWA 13QTRS Compl Status:	Not Reported
CWA 13QTRS EFFLNT Exceedances:	Not Reported
CWA 3tr QNCR Codes:	Not Reported
RCRA IDS:	Not Reported
RCRA Permit Types:	Not Reported
RCRA NAICS:	Not Reported
RCRA Inspection Count:	Not Reported

RIVER EDGE BAR, 983 W DOUGLAS AVE, WICHITA, KS 67213 (Continued)

RCRA Days Last Evaluation:	Not Reported
RCRA Informal Count:	Not Reported
RCRA Formal Action Count:	Not Reported
RCRA Date Last Formal Action:	Not Reported
RCRA Penalties:	Not Reported
RCRA Last Penality Date:	Not Reported
RCRA Last Penality Amount:	Not Reported
RCRA QTRS in NC:	Not Reported
RCRA Curr Compliance Status:	Not Reported
RCRA Curr SNC Flag:	N
RCRA 3yr Compl Qtrs Status:	Not Reported
SDWA IDS:	Not Reported
SDWA System Types:	Not Reported
SDWA Informal Count:	Not Reported
SDWA Formal Action Count:	Not Reported
SDWA Curr Compliance Status:	Not Reported
SDWA Curr SNC Flag:	N
TRI IDS:	Not Reported
TRI Releases Transfers:	Not Reported
TRI on Site Releases:	Not Reported
Tri off Site Transfers:	Not Reported
TRI Reporter in Past:	Not Reported
FEC Case IDS:	Not Reported
FEC Number of Cases:	Not Reported
FEC Last Case Date:	Not Reported
FEC Total Penalties:	Not Reported
GHG IDS:	Not Reported
GHG CO2 Release:	Not Reported
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110017487771
Facility SIC Codes:	Not Reported
Facility NAICS Codes:	Not Reported
Facility Date Last Inspection EPA:	Not Reported
Facility Date Last Inspection State:	Not Reported
Facility Date Last Formal ACT EPA:	Not Reported
Facility Date Last Formal ACT ST:	Not Reported
Facility Date Last Inforamal ACT EPA:	Not Reported
Facility Date Last Informal ACT ST:	Not Reported
Facility Federal Agency:	Not Reported
TRI Reporter:	Not Reported
Facility IMP Water Flag:	Not Reported

FINDS: Other Standard Environmental Records

Registry ID: 110017487771

Environmental Interest/Information System:

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 FINDINGS

RECORD SOURCES AND CURRENCY

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

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

STANDARD ENVIRONMENTAL RECORDS

PRP: Potentially Responsible Parties

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Number of Days to Update: 3
Last EDR Contact :02/12/2016

Source: EPA
Telephone: 202-564-6023

RMP: Risk Management Plans

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 08/01/2015
Number of Days to Update: 69
Last EDR Contact :01/25/2016

Source: Environmental Protection Agency
Telephone: 202-564-8600

AIRS: Title V Source Information

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of title V sources, including emissions information.

Date of Government Version: 12/31/2013
Number of Days to Update: 56
Last EDR Contact :01/25/2016

Source: Department of Health & Environment
Telephone: 785-296-6427

AST: Aboveground Storage Tank Data

Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

Registered Aboveground Storage Tanks.

Date of Government Version: 10/06/2015
Number of Days to Update: 35
Last EDR Contact :01/04/2016

Source: Department of Health and Environment
Telephone: 785-296-1685

BROWNFIELDS: Identified Sites List

Standard Environmental Record Source: State and tribal Brownfields sites

Search Distance: 0.333 Mile

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

Date of Government Version: 10/22/2015 Source: Department of Health & Environment
Number of Days to Update: 41 Telephone: 785-296-8049
Last EDR Contact :01/11/2016

CDL: Clandestine Laboratory Data
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

Clandestine meth lab location

Date of Government Version: 09/29/2009 Source: Department of Health and Environment
Number of Days to Update: 18 Telephone: 785-368-7301
Last EDR Contact :02/16/2016

COAL ASH: Coal Ash Disposal Site Listing
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

A listing of coal combustion waste landfills.

Date of Government Version: 05/04/2015 Source: Department of Health & Environment
Number of Days to Update: 4 Telephone: 785-296-1600
Last EDR Contact :01/19/2016

DRYCLEANERS: Registered Drycleaning Facilities
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

A listing of registered drycleaners.

Date of Government Version: 12/14/2015 Source: Department of Health & Environment
Number of Days to Update: 57 Telephone: 785-291-3250
Last EDR Contact :02/29/2016

Financial Assurance: Financial Assurance Information Listing
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/06/2015 Source: Department of Health & Environment
Number of Days to Update: 42 Telephone: 785-296-1685
Last EDR Contact :01/04/2016

INST CONTROL: Institutional Controls Information
Standard Environmental Record Source: State and tribal institutional control / engineering control registries
Search Distance: Property

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

Date of Government Version: 10/22/2015 Source: Department of Health & Environment

Number of Days to Update: 41 Telephone: 785-296-8049
Last EDR Contact :01/11/2016

LAST: Leaking Aboveground Storage Tanks
Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

Leaking aboveground storage tank site locations.

Date of Government Version: 10/06/2015 Source: Department of Health & Environment
Number of Days to Update: 35 Telephone: 785-296-1685
Last EDR Contact :01/04/2016

LUST: Leaking Underground Storage Tank Data
Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

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: 10/06/2015 Source: Department of Health and Environment
Number of Days to Update: 35 Telephone: 785-296-1685
Last EDR Contact :01/04/2016

SHWS: Identified Sites List
Standard Environmental Record Source: State and tribal - equivalent CERCLIS
Search Distance: 0.333 Mile

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: 10/22/2015 Source: Department of Health and Environment
Number of Days to Update: 41 Telephone: 785-296-1660
Last EDR Contact :01/11/2016

SPILLS: Kansas Spills Database
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 10/15/2015 Source: Department of Health and Environment
Number of Days to Update: 41 Telephone: 785-296-1660
Last EDR Contact :10/09/2015

SPILLS 2: Spills Database
Standard Environmental Record Source: Other Standard Environmental Records
All spills reported under the regulatory authority of the Kansas Corporation Commission.

Date of Government Version: 10/09/2015 Source: Kansas Corporation Commission
Number of Days to Update: 51 Telephone: 316-337-6626
Last EDR Contact :01/11/2016

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

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

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: 11/13/2015
Number of Days to Update: 58
Last EDR Contact :01/19/2016
Source: Department of Health and Environment
Telephone: 785-296-1590

TIER 2: Tier 2 Information Listing
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report.

Date of Government Version: 12/31/2014
Number of Days to Update: 7
Last EDR Contact :12/17/2015
Source: Department of Health & Environment
Telephone: 785-296-1688

UIC: Underground Injection Wells Database Listing
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of underground injection wells.

Date of Government Version: 11/09/2015
Number of Days to Update: 21
Last EDR Contact :01/22/2016
Source: Department of Health & Environment
Telephone: 785-296-1367

UST: Underground Storage Tank Data
Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

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

Date of Government Version: 10/06/2015
Number of Days to Update: 35
Last EDR Contact :01/04/2016
Source: Department of Health and Environment
Telephone: 785-296-1685

VCP: Identified Sites List
Standard Environmental Record Source: State and tribal voluntary cleanup sites
Search Distance: 0.333 Mile

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

Date of Government Version: 10/22/2015
Number of Days to Update: 41
Last EDR Contact :01/11/2016
Source: Department of Health & Environment
Telephone: 785-296-8049

2020 COR ACTION: 2020 Corrective Action Program List
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

RECORD SOURCES AND CURRENCY

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013
Number of Days to Update: 6
Last EDR Contact :02/12/2016

Source: Environmental Protection Agency
Telephone: 703-308-4044

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

Standard Environmental Record Source: Federal CERCLIS

Search Distance: 0.333 Mile

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: 10/25/2013
Number of Days to Update: 94
Last EDR Contact :02/19/2016

Source: EPA
Telephone: 703-412-9810

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Date of Government Version: 10/25/2013
Number of Days to Update: 94
Last EDR Contact :02/19/2016

Source: EPA
Telephone: 703-412-9810

COAL ASH DOE: Steam-Electric Plant Operation Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Number of Days to Update: 76
Last EDR Contact :01/13/2016

Source: Department of Energy
Telephone: 202-586-8719

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Number of Days to Update: 40
Last EDR Contact :12/11/2015

Source: Environmental Protection Agency
Telephone: Not Reported

CONSENT: Superfund (CERCLA) Consent Decrees

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: Federal NPL
Search Distance: 0.333 Mile

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

Date of Government Version: 12/31/2014
Number of Days to Update: 46
Last EDR Contact :12/23/2015

Source: Department of Justice, Consent Decree Library
Telephone: Varies

CORRACTS: Corrective Action Report
Standard Environmental Record Source: Federal RCRA CORRACTS facilities list
Search Distance: 0.333 Mile

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/09/2015
Number of Days to Update: 82
Last EDR Contact :12/18/2015

Source: EPA
Telephone: 800-424-9346

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

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

Date of Government Version: 01/12/2009
Number of Days to Update: 137
Last EDR Contact :01/25/2016

Source: EPA, Region 9
Telephone: 415-947-4219

DOT OPS: Incident and Accident Data
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 07/31/2012
Number of Days to Update: 42
Last EDR Contact :02/03/2016

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595

Delisted NPL: National Priority List Deletions
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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: 10/30/2015
Number of Days to Update: 58
Last EDR Contact :01/26/2016

Source: EPA
Telephone: Not Reported

ECHO: Enforcement & Compliance History Information
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

RECORD SOURCES AND CURRENCY

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/20/2015
Number of Days to Update: 103
Last EDR Contact :12/21/2015

Source: Environmental Protection Agency
Telephone: 202-564-2280

EPA WATCH LIST: EPA WATCH LIST

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Number of Days to Update: 88
Last EDR Contact :02/09/2016

Source: Environmental Protection Agency
Telephone: 617-520-3000

ERNS: Emergency Response Notification System

Standard Environmental Record Source: Federal ERNS list

Search Distance: Property

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

Date of Government Version: 06/22/2015
Number of Days to Update: 82
Last EDR Contact :12/29/2015

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180

FEMA UST: Underground Storage Tank Listing

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Number of Days to Update: 55
Last EDR Contact :01/08/2016

Source: FEMA
Telephone: 202-646-5797

FINDS: Facility Index System/Facility Registry System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 07/20/2015
Number of Days to Update: 55
Last EDR Contact :03/08/2016

Source: EPA
Telephone: Not Reported

RECORD SOURCES AND CURRENCY

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

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 04/09/2009
Number of Days to Update: 25
Last EDR Contact :02/22/2016

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667

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

Standard Environmental Record Source: Other Standard Environmental Records

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Number of Days to Update: 25
Last EDR Contact :02/22/2016

Source: EPA
Telephone: 202-566-1667

FUDS: Formerly Used Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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: 01/31/2015
Number of Days to Update: 97
Last EDR Contact :12/11/2015

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285

FUELS PROGRAM: EPA Fuels Program Registered Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/23/2015
Number of Days to Update: 86
Last EDR Contact :02/24/2016

Source: EPA
Telephone: 800-385-6164

FUSRAP: Formerly Utilized Sites Remedial Action Program

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 11/23/2015
Number of Days to Update: 86
Last EDR Contact :02/08/2016

Source: Department of Energy
Telephone: 202-586-3559

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 10/19/2006 Source: Environmental Protection Agency
Number of Days to Update: 40 Telephone: 202-564-2501
Last EDR Contact :12/17/2007

HMIRS: Hazardous Materials Information Reporting System
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 06/24/2015 Source: U.S. Department of Transportation
Number of Days to Update: 68 Telephone: 202-366-4555
Last EDR Contact :12/30/2015

ICIS: Integrated Compliance Information System
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 01/23/2015 Source: Environmental Protection Agency
Number of Days to Update: 31 Telephone: 202-564-5088
Last EDR Contact :01/08/2016

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

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

Date of Government Version: 10/27/2015 Source: EPA Region 1
Number of Days to Update: 67 Telephone: 617-918-1313
Last EDR Contact :02/22/2016

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016 Source: EPA Region 10
Number of Days to Update: 41 Telephone: 206-553-2857
Last EDR Contact :01/25/2016

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/24/2015 Source: EPA Region 4

Number of Days to Update: 34 Telephone: 404-562-8677
Last EDR Contact :01/25/2016

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/04/2015 Source: EPA, Region 5
Number of Days to Update: 52 Telephone: 312-886-7439
Last EDR Contact :01/25/2016

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 08/20/2015 Source: EPA Region 6
Number of Days to Update: 111 Telephone: 214-665-6597
Last EDR Contact :01/25/2016

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 03/30/2015 Source: EPA Region 7
Number of Days to Update: 55 Telephone: 913-551-7003
Last EDR Contact :01/25/2016

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015 Source: EPA Region 8
Number of Days to Update: 118 Telephone: 303-312-6271
Last EDR Contact :01/25/2016

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/08/2015 Source: Environmental Protection Agency
Number of Days to Update: 32 Telephone: 415-972-3372
Last EDR Contact :01/27/2016

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Source: Environmental Protection Agency
Number of Days to Update: 52 Telephone: 703-308-8245
Last EDR Contact :02/01/2016

INDIAN UST R1: Underground Storage Tanks on Indian Land

RECORD SOURCES AND CURRENCY

Standard Environmental Record Source: State and tribal registered storage tank lists

Search Distance: Property

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015 Source: EPA, Region 1

Number of Days to Update: 67 Telephone: 617-918-1313

Last EDR Contact :02/22/2016

INDIAN UST R10: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016 Source: EPA Region 10

Number of Days to Update: 41 Telephone: 206-553-2857

Last EDR Contact :01/25/2016

INDIAN UST R4: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/24/2015 Source: EPA Region 4

Number of Days to Update: 34 Telephone: 404-562-9424

Last EDR Contact :01/25/2016

INDIAN UST R5: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/05/2015 Source: EPA Region 5

Number of Days to Update: 52 Telephone: 312-886-6136

Last EDR Contact :01/25/2016

INDIAN UST R6: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 08/20/2015 Source: EPA Region 6

Number of Days to Update: 111 Telephone: 214-665-7591

Last EDR Contact :01/25/2016

INDIAN UST R7: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/23/2014 Source: EPA Region 7

Number of Days to Update: 65 Telephone: 913-551-7003

Last EDR Contact :01/25/2016

RECORD SOURCES AND CURRENCY

INDIAN UST R8: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/13/2015 Source: EPA Region 8
Number of Days to Update: 118 Telephone: 303-312-6137
Last EDR Contact :01/25/2016

INDIAN UST R9: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 12/14/2014 Source: EPA Region 9
Number of Days to Update: 28 Telephone: 415-972-3368
Last EDR Contact :01/27/2016

INDIAN VCP R1: Voluntary Cleanup Priority Listing

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: 0.333 Mile

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015 Source: EPA, Region 1
Number of Days to Update: 142 Telephone: 617-918-1102
Last EDR Contact :12/28/2015

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

Standard Environmental Record Source: State and tribal voluntary cleanup sites

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Source: EPA, Region 7
Number of Days to Update: 27 Telephone: 913-551-7365
Last EDR Contact :04/20/2009

LEAD SMELTER 1: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014 Source: Environmental Protection Agency
Number of Days to Update: 64 Telephone: 703-603-8787
Last EDR Contact :01/26/2016

LEAD SMELTER 2: Lead Smelter Sites

Standard Environmental Record Source: Other Standard Environmental Records

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Source: American Journal of Public Health
Number of Days to Update: 36 Telephone: 703-305-6451
Last EDR Contact :12/02/2009

RECORD SOURCES AND CURRENCY

LIENS 2: CERCLA Lien Information

Standard Environmental Record Source: Federal CERCLIS

Search Distance: Property

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: 02/18/2014
Number of Days to Update: 37
Last EDR Contact :01/25/2016

Source: Environmental Protection Agency
Telephone: 202-564-6023

LUCIS: Land Use Control Information System

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: 0.333 Mile

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

Date of Government Version: 05/28/2015
Number of Days to Update: 13
Last EDR Contact :02/16/2016

Source: Department of the Navy
Telephone: 843-820-7326

MLTS: Material Licensing Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 06/26/2015
Number of Days to Update: 95
Last EDR Contact :02/08/2016

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

NPL: National Priority List

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 10/30/2015
Number of Days to Update: 58
Last EDR Contact :01/26/2016

Source: EPA
Telephone: Not Reported

NPL Site Boundaries

Sources:

EPA"s Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-566-0690

EPA Region 1
Telephone: 617-918-1102

EPA Region 2
Telephone: 212-637-4293

EPA Region 3
Telephone: 215-814-5418

EPA Region 4
Telephone: 404-562-8681

EPA Region 5
Telephone: 312-353-1063

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6118

EPA Region 9
Telephone: 415-947-4579

EPA Region 10
Telephone: 206-553-4479

NPL LIENS: Federal Superfund Liens

Standard Environmental Record Source: Federal NPL

Search Distance: Property

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

Date of Government Version: 10/15/1991 | Source: EPA
Number of Days to Update: 56 | Telephone: 202-564-4267
Last EDR Contact :08/15/2011

ODI: Open Dump Inventory

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Date of Government Version: 06/30/1985 | Source: Environmental Protection Agency
Number of Days to Update: 39 | Telephone: 800-424-9346
Last EDR Contact :06/09/2004

PADS: PCB Activity Database System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 07/01/2014 | Source: EPA
Number of Days to Update: 33 | Telephone: 202-566-0500
Last EDR Contact :01/12/2016

PCB TRANSFORMER: PCB Transformer Registration Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Number of Days to Update: 83
Last EDR Contact :01/29/2016

Source: Environmental Protection Agency
Telephone: 202-566-0517

Proposed NPL: Proposed National Priority List Sites

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

A site that has been proposed for listing on the NationalPriorities 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 therequirements for listing.

Date of Government Version: 10/30/2015
Number of Days to Update: 58
Last EDR Contact :01/26/2016

Source: EPA
Telephone: Not Reported

RAATS: RCRA Administrative Action Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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
Number of Days to Update: 35
Last EDR Contact :06/02/2008

Source: EPA
Telephone: 202-564-4104

RADINFO: Radiation Information Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 07/07/2015
Number of Days to Update: 69
Last EDR Contact :01/07/2016

Source: Environmental Protection Agency
Telephone: 202-343-9775

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 06/09/2015
Number of Days to Update: 82
Last EDR Contact :12/18/2015

Source: Environmental Protection Agency
Telephone: 703-308-8895

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

RECORD SOURCES AND CURRENCY

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: 06/09/2015 Source: Environmental Protection Agency
Number of Days to Update: 82 Telephone: 703-308-8895
Last EDR Contact :12/18/2015

RCRA-LQG: RCRA - Large Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

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: 06/09/2015 Source: Environmental Protection Agency
Number of Days to Update: 82 Telephone: 703-308-8895
Last EDR Contact :12/18/2015

RCRA-SQG: RCRA - Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

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: 06/09/2015 Source: Environmental Protection Agency
Number of Days to Update: 82 Telephone: 703-308-8895
Last EDR Contact :12/18/2015

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

Standard Environmental Record Source: Federal RCRA TSD facilities list

Search Distance: 0.333 Mile

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

Date of Government Version: 06/09/2015 Source: Environmental Protection Agency
Number of Days to Update: 82 Telephone: 703-308-8895
Last EDR Contact :12/18/2015

ROD: Records Of Decision

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 11/25/2013 Source: EPA

Number of Days to Update: 74 Telephone: 703-416-0223
Last EDR Contact :03/08/2016

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011 Source: Environmental Protection Agency
Number of Days to Update: 54 Telephone: 615-532-8599
Last EDR Contact :02/19/2016

SSTS: Section 7 Tracking Systems
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 12/31/2009 Source: EPA
Number of Days to Update: 77 Telephone: 202-564-4203
Last EDR Contact :01/25/2016

TRIS: Toxic Chemical Release Inventory System
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 12/31/2013 Source: EPA
Number of Days to Update: 110 Telephone: 202-566-0250
Last EDR Contact :02/24/2016

TSCA: Toxic Substances Control Act
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 12/31/2012 Source: EPA
Number of Days to Update: 14 Telephone: 202-260-5521
Last EDR Contact :12/23/2015

UMTRA: Uranium Mill Tailings Sites
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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

Date of Government Version: 09/14/2010 Source: Department of Energy
Number of Days to Update: 146 Telephone: 505-845-0011
Last EDR Contact :02/22/2016

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/20/2015 Source: EPA
Number of Days to Update: 69 Telephone: 202-564-2496
Last EDR Contact :12/22/2015

US AIRS MINOR: Air Facility System Data
Standard Environmental Record Source: Other Standard Environmental Records
A listing of minor source facilities.

Date of Government Version: 10/20/2015 Source: EPA
Number of Days to Update: 69 Telephone: 202-564-2496
Last EDR Contact :12/22/2015

US BROWNFIELDS: A Listing of Brownfields Sites
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/22/2015 Source: Environmental Protection Agency
Number of Days to Update: 57 Telephone: 202-566-2777
Last EDR Contact :12/21/2015

US CDL: Clandestine Drug Labs
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 09/17/2015 Source: Drug Enforcement Administration
Number of Days to Update: 76 Telephone: 202-307-1000

Last EDR Contact :03/01/2016

US ENG CONTROLS: Engineering Controls Sites List

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: Property

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: 09/10/2015
Number of Days to Update: 53
Last EDR Contact :02/29/2016

Source: Environmental Protection Agency
Telephone: 703-603-0695

US FIN ASSUR: Financial Assurance Information

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/01/2015
Number of Days to Update: 61
Last EDR Contact :02/16/2016

Source: Environmental Protection Agency
Telephone: 202-566-1917

US HIST CDL: National Clandestine Laboratory Register

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 09/17/2015
Number of Days to Update: 76
Last EDR Contact :03/01/2016

Source: Drug Enforcement Administration
Telephone: 202-307-1000

US INST CONTROL: Sites with Institutional Controls

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: Property

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: 09/10/2015
Number of Days to Update: 53
Last EDR Contact :02/29/2016

Source: Environmental Protection Agency
Telephone: 703-603-0695

US MINES: Mines Master Index File

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 08/18/2015
Source: Department of Labor, Mine Safety and Health Administration
Number of Days to Update: 125
Telephone: 303-231-5959
Last EDR Contact :03/02/2016

AOCONCERN: Area of Concern

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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 contaminates of concern are chlorinated solvents and their degradation products.

Date of Government Version: Not Reported
Source: Department of Environmental Health
Number of Days to Update: 64
Telephone: 315-268-8351
Last EDR Contact :03/13/2007

DOD: Department of Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Date of Government Version: 12/31/2005
Source: USGS
Number of Days to Update: 62
Telephone: 888-275-8747
Last EDR Contact :01/15/2016

INDIAN RESERV: Indian Reservations

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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
Number of Days to Update: 34
Telephone: 202-208-3710
Last EDR Contact :01/15/2016

PWS: Public Water System Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 12/17/2013
Source: EPA
Number of Days to Update: 279
Telephone: Not Reported
Last EDR Contact :02/29/2016

RECORD SOURCES AND CURRENCY

HISTORICAL USE RECORDS

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health and Environment in Kansas.

Date of Government Version: Not Reported
Source: Department of Health and Environment
Number of Days to Update: 186
Telephone: Not Reported
Last EDR Contact :06/01/2012

RGA LF: Recovered Government Archive Solid Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health and Environment in Kansas.

Date of Government Version: Not Reported
Source: Department of Health and Environment
Number of Days to Update: 203
Telephone: Not Reported
Last EDR Contact :06/01/2012

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health and Environment in Kansas.

Date of Government Version: Not Reported
Source: Department of Health and Environment
Number of Days to Update: 186
Telephone: Not Reported
Last EDR Contact :06/01/2012

EDR Hist Auto: EDR Exclusive Historic Gas Stations

Standard Environmental Record Source: Historical Gas Stations

Search Distance: 0.25 Mile

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

Date of Government Version: 02/20/2007
Source: EDR, Inc.
Number of Days to Update: 42
Telephone: Not Reported
Last EDR Contact :02/21/2007

EDR Hist Cleaner: EDR Exclusive Historic Dry Cleaners

Standard Environmental Record Source: Historical Dry Cleaners

Search Distance: 0.25 Mile

RECORD SOURCES AND CURRENCY

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

Date of Government Version: 02/20/2007 Source: EDR, Inc.
Number of Days to Update: 42 Telephone: Not Reported
Last EDR Contact :02/21/2007

EDR MGP: EDR Proprietary Manufactured Gas Plants

Standard Environmental Record Source: Former manufactured Gas Plants

Search Distance: 0.333 Mile

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: 08/28/2009 Source: EDR, Inc.
Number of Days to Update: 55 Telephone: Not Reported
Last EDR Contact :11/30/2012

RECORD SOURCES AND CURRENCY

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® 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

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.

STREET AND ADDRESS INFORMATION

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Appendix C -

Additional Environmental Records Sources

KGS Hydrology | Water Well Database Query

Township: 27S, Range: 1E, Section: 19

Select location of well to view details.

Click on column heading to sort.

Save Data to File

181 records. Only 50 records displayed at a time--sort will affect ALL records. (Sort on Well Use is NOT alphabetial--wells are grouped by use code.)

View page: **1** || 2 || 3 || 4

T-R-S	Owner	Well Depth Ascend. Desc.	Static Water Level Ascend. Desc.	Est. Yield Ascend. Desc.	**Well Use**	Other ID	Action Taken	Completion Date Ascend. Desc.	Scan?
Sec. 19 SW NW SE	Wiles, G.A.	10 ft.			Domestic		Plugged	10-Dec-2001	Scan
Sec. 19 SWNWSE	HOME OIL COMPAN	40 ft.	15 ft.		Domestic		Constructed	24-Apr-1985	
Sec. 19 SENWSE	KUTILEK CONST	45 ft.	15 ft.		Domestic		Constructed	22-Dec-1986	
Sec. 19 SW NE NE SW	Bertrand, Elmer	19 ft.	12 ft.		Domestic		Constructed	17-May-1988	PDF
Sec. 19 SW	Lee, Joan				Domestic		Plugged	04-Jun-2011	PDF
Sec. 19 SW SE NE	Boivin, Linda	15 ft.	5 ft.		Domestic		Plugged	30-Mar-2007	PDF
Sec. 19 NW NW NW	Lon G. Redgate	25 ft.	10.5 ft.		Domestic		Plugged	10-Mar-2004	Scan
Sec. 19 NW SW SE	Troy Enochs	25 ft.	15 ft.		Domestic		Plugged	05-Mar-2001	Scan
Sec. 19	FALTERMEIER	27 ft.	1 ft.		Domestic		Plugged	23-Nov-	

SWNWSE								1997	
Sec. 19 SWNWSE	FALTERMEIER	26 ft.	12 ft.		Domestic		Plugged	23-Nov-1997	
Sec. 19 SWNWSE	FALTERMEIER	21 ft.	12 ft.		Domestic		Plugged	23-Nov-1997	
Sec. 19 SE NW SW	Westside Christian Church	18 ft.	9 ft.		Domestic		Plugged	09-Aug-1999	Scan
Sec. 19 SW NW NW	Mabel Jeffers, et al	20 ft.	15 ft.		Irrigation		Plugged	02-Dec-2000	Scan
Sec. 19 NE		40 ft.	10 ft.		Irrigation		Plugged	11-May-2015	PDF
Sec. 19 NW NW SE	Bobby Reich	15 ft.	10 ft.		Irrigation		Plugged	25-Jun-1999	Scan
Sec. 19 NWSWSE	KIHLE	80 ft.	19 ft.	27 gpm.	Irrigation		Constructed	02-Sep-1992	
Sec. 19 NE SE SE	Parker, John	40 ft.	15 ft.		Industrial		Constructed	24-Feb-2000	Scan
Sec. 19 NW SW NW	132 N Mosly LLC	22 ft.	15 ft.		Industrial		Plugged	30-Jun-2003	Scan
Sec. 19 NW SW NW	132 N Mosly LLC	21 ft.	13 ft.		Industrial		Plugged	30-Jun-2003	Scan
Sec. 19 SESENW	CHROMOLOGY AIRC	40 ft.	15 ft.		Industrial		Constructed	19-Jan-1993	
Sec. 19 NESWSW	LILES	29 ft.	18 ft.	30 gpm.	Lawn and Garden - domestic only		Reconstructed	06-Apr-1985	
Sec. 19 SENESE	CORKILL	33 ft.	16 ft.		Lawn and Garden - domestic only		Constructed	15-Jul-1985	

Sec. 19 NENENE	LEDBETTER	30 ft.	14 ft.		Lawn and Garden - domestic only		Plugged	14-Oct-1987	
Sec. 19 NWNWSE	MONEYHUN	23 ft.	9 ft.		Lawn and Garden - domestic only		Plugged	27-Apr-1990	
Sec. 19 SWSWSW	MIC	37 ft.	0 ft.		Lawn and Garden - domestic only		Constructed	12-Dec-1990	
Sec. 19 NESWNW	WINTER	38 ft.	18 ft.		Lawn and Garden - domestic only		Constructed	25-Mar-1991	
Sec. 19 NENESW	HUNT	999 ft.			Lawn and Garden - domestic only		Plugged	24-Aug-1991	
Sec. 19 SWSENE	MINARD	25 ft.	15 ft.		Lawn and Garden - domestic only		Plugged	06-Aug-1991	
Sec. 19 NENWSW	LEFEVRE	22 ft.	9 ft.		Lawn and Garden - domestic only		Plugged	07-Jan-1993	
Sec. 19 SWSWNW	WOODMAN	29 ft.	12 ft.		Lawn and Garden - domestic only		Plugged	01-Apr-1993	
Sec. 19 NWNWSE	HALL	35 ft.	19 ft.		Lawn and Garden - domestic only		Plugged	11-Jan-1994	
Sec. 19 NENWNW	MCLEAN ASSOCIAT	40 ft.	15 ft.		Lawn and Garden - domestic only		Constructed	10-Jun-1994	
Sec. 19 SWSWSW	LOUTSONLISER	14 ft.	14 ft.		Lawn and Garden - domestic only		Plugged	20-Jun-1994	
Sec. 19 SESENE		40 ft.	14 ft.		Lawn and Garden - domestic only		Constructed	23-Jun-1983	
Sec. 19 SWSESE	LEHL	9999 ft.	0 ft.		Lawn and Garden - domestic only		Plugged	21-Sep-1994	
Sec. 19 NESWNW	HANNAH	28 ft.	12 ft.		Lawn and Garden - domestic only		Plugged	25-Oct-1994	
Sec. 19 SWNWNW	CLARK	28 ft.	11 ft.		Lawn and Garden - domestic only		Plugged	05-Oct-1994	

Sec. 19 SWSESE	LEHL	999 ft.			Lawn and Garden - domestic only		Plugged	21-Sep-1994	
Sec. 19 SWSESE	LEHL	999 ft.	99 ft.		Lawn and Garden - domestic only		Plugged	21-Sep-1994	
Sec. 19 SESENE	WILLIAMS	29 ft.	11 ft.		Lawn and Garden - domestic only		Plugged	13-Apr-1995	
Sec. 19 NENENE	TREAT	20.8 ft.	9.6 ft.		Lawn and Garden - domestic only		Plugged	22-Oct-1995	
Sec. 19 NESENE	FAMILY CONSULT.	43 ft.	18 ft.		Lawn and Garden - domestic only		Constructed	14-Mar-1997	
Sec. 19 SW NW SE	Paul Drace	21 ft.	11 ft.		Lawn and Garden - domestic only		Plugged	18-Mar-1999	PDF
Sec. 19 NE SW SE	Wilki, Nathan	27 ft.	12 ft.		Lawn and Garden - domestic only		Plugged	13-Nov-1998	Scan
Sec. 19 SE SE SE	Mrs. McClain	20 ft.			Lawn and Garden - domestic only		Plugged	08-Mar-1999	Scan
Sec. 19 NE NE SW	McAllister, Delores	15 ft.	12 ft.		Lawn and Garden - domestic only		Plugged	25-Oct-1999	Scan
Sec. 19 NW NE SW	Kimberly K. Wilson	50 ft.	20 ft.		Lawn and Garden - domestic only		Plugged	06-May-2000	Scan
Sec. 19 SW NE SE	Mr. McChealon	38 ft.	18 ft.		Lawn and Garden - domestic only		Constructed	07-Jul-2000	Scan
Sec. 19 SW NW NW	Dreckshage, Gerald	25 ft.	13 ft.		Lawn and Garden - domestic only		Plugged	07-Jun-2000	Scan
Sec. 19 SW NW SE	Realty Executives	25 ft.	15 ft.		Lawn and Garden - domestic only		Plugged	02-Mar-2001	Scan

View page: **1** || 2 || 3 || 4

Comments to webadmin@kgs.ku.edu
URL=http://www.kgs.ku.edu/Magellan/WaterWell/index.html
Display Programs Updated July 2, 2014
Data added continuously.

KGS Hydrology | Water Well Database Query

Township: 27S, Range: 1E, Section: 19

Select location of well to view details.

Click on column heading to sort.

Save Data to File

181 records. Only 50 records displayed at a time--sort will affect ALL records. (Sort on Well Use is NOT alphabetial--wells are grouped by use code.)

View page: 1 || **2** || 3 || 4

T-R-S	Owner	Well Depth Ascend. Desc.	Static Water Level Ascend. Desc.	Est. Yield Ascend. Desc.	**Well Use**	Other ID	Action Taken	Completion Date Ascend. Desc.	Scan?
Sec. 19 NW NW SE	Sharon Bradley	21 ft.	10 ft.		Lawn and Garden - domestic only		Plugged	20-May-2001	Scan
Sec. 19 SW SE NE	First Preston	30 ft.	10 ft.		Lawn and Garden - domestic only		Plugged	17-Jan-2001	Scan
Sec. 19 NW NW SE	Virginia Stecker	40 ft.	15 ft.		Lawn and Garden - domestic only		Constructed	14-May-2001	Scan
Sec. 19 NE NE SW	Muth, Jeramy	38 ft.	18 ft.		Lawn and Garden - domestic only		Plugged	07-May-2001	Scan
Sec. 19 NE NE SW	Mr. Orth	38 ft.	18 ft.		Lawn and Garden - domestic only		Constructed	08-Feb-2001	Scan
Sec. 19 SW NW SW	Barbara Edenstrom	28 ft.	16 ft.		Lawn and Garden - domestic only		Plugged	26-May-2001	Scan
Sec. 19 NW NW SE	Mr. Vandiver	35 ft.	15 ft.		Lawn and Garden - domestic only		Constructed	11-Sep-2001	Scan
Sec. 19 NW NE SE	Robert Huffman	28 ft.	19 ft.		Lawn and Garden - domestic only		Plugged	26-Aug-2002	Scan

Sec. 19 NW NE SE	Robert Huffman	28 ft.	19 ft.		Lawn and Garden - domestic only		Plugged	26-Aug-2002	Scan
Sec. 19 SE NE NW	Scott & Shanna Rector	18 ft.	10 ft.		Lawn and Garden - domestic only		Plugged	22-Jul-2002	Scan
Sec. 19 SE SW NW	SEI, Inc.	27 ft.	12 ft.		Lawn and Garden - domestic only		Plugged	12-Mar-2002	Scan
Sec. 19 NE SE NW	Mr. Glamann	35 ft.	15 ft.		Lawn and Garden - domestic only		Constructed	21-Jan-2003	Scan
Sec. 19 SE SW SW	Mr. Jones	35 ft.	15 ft.		Lawn and Garden - domestic only		Constructed	27-May-2003	Scan
Sec. 19 SE NW SE	Hurtig, Joyce	20 ft.	13 ft.		Lawn and Garden - domestic only		Plugged	09-Jul-2003	Scan
Sec. 19 NW SW NW	David Dunsworth	40 ft.	16 ft.		Lawn and Garden - domestic only		Plugged	20-Jun-2003	Scan
Sec. 19 NE NW NW	Mike Lindsay	40 ft.	12 ft.		Lawn and Garden - domestic only		Constructed	11-May-2004	Scan
Sec. 19 NE NW SW	Mr. Hernandez	37 ft.	17 ft.		Lawn and Garden - domestic only		Constructed	22-Mar-2004	Scan
Sec. 19 SE SE SW	Russell, Leonard	100 ft.	26 ft.		Lawn and Garden - domestic only		Constructed	10-Oct-2005	PDF
Sec. 19 NW SE SW	Garitson, Ruth L.				Lawn and Garden - domestic only		Plugged	19-Apr-2006	PDF
Sec. 19 NW NW NE	Ratley, Mr.	37 ft.	17 ft.		Lawn and Garden - domestic only		Constructed	04-Aug-2006	PDF

Sec. 19 SW SE NE	Bergman, Ruby	40 ft.	15 ft.		Lawn and Garden - domestic only		Constructed	26-Feb-2007	PDF
Sec. 19 NE NE NE	Bina, Jerod	25 ft.	17 ft.		Lawn and Garden - domestic only		Plugged	20-Oct-2007	PDF
Sec. 19 SE SE SE	Junkermeier, Jeff	33 ft.	12 ft.	25 gpm.	Lawn and Garden - domestic only		Constructed	21-Jul-2008	PDF
Sec. 19 SE SE SE	Junkmeyer, Jeff	45 ft.	21 ft.	20 gpm.	Lawn and Garden - domestic only		Constructed	10-Mar-2008	PDF
Sec. 19 NE NE SW	Orthe	40 ft.	20 ft.		Lawn and Garden - domestic only		Constructed	19-May-2010	PDF
Sec. 19 SWNENW	PATTERSON	25 ft.	15 ft.		Lawn and Garden - domestic only		Plugged	23-Dec-1987	
Sec. 19 NWSWSW	BAILY	39 ft.	19 ft.		Lawn and Garden - domestic only		Reconstructed	17-Jun-1991	
Sec. 19 SWSWSE	DOMINICAN	29 ft.	13 ft.		Lawn and Garden - domestic only		Plugged	17-Oct-1991	
Sec. 19 NENWSW	DE,OMT	31 ft.	14 ft.		Lawn and Garden - domestic only		Constructed	25-May-1994	
Sec. 19 NESWNE	BAALMANN	27 ft.	15 ft.		Lawn and Garden - domestic only		Plugged	15-May-1996	
Sec. 19 SE SW SW	LaForge, Sharon and Frank				Lawn and Garden - domestic only		Plugged	13-Jan-1998	PDF
Sec. 19 SW SW SW	Mr. Winn	20 ft.			Lawn and Garden - domestic only		Plugged	20-Sep-2001	Scan
Sec. 19 NW SE SE	Schauf Estate	24 ft.	12.33 ft.		Lawn and Garden - domestic only		Plugged	08-Mar-2000	Scan
Sec. 19 NE NE SW	Mr. Orth	25 ft.	11 ft.		Lawn and Garden - domestic only		Plugged	08-Feb-2001	Scan

Sec. 19 NW NW NW	Paul, Don	22 ft.	11 ft.		Lawn and Garden - domestic only		Plugged	05-Dec-2001	Scan
Sec. 19 NW SE SW	Larry & Marie Dukes	30 ft.	10 ft.		Lawn and Garden - domestic only		Plugged	02-Aug-2002	Scan
Sec. 19 NW SW NW	Mr. Ring	36 ft.	16 ft.		Lawn and Garden - domestic only		Constructed	11-Feb-2003	Scan
Sec. 19 SE NE SE	Mary Miller	23 ft.	9 ft.		Lawn and Garden - domestic only		Plugged	15-Mar-2004	Scan
Sec. 19 SE NW SE	Hurtig, Joyce	26 ft.	16 ft.		Lawn and Garden - domestic only		Plugged	09-Jul-2003	Scan
Sec. 19 NE SE SW	Rodriquez, Joe	23 ft.	17 ft.		Lawn and Garden - domestic only		Plugged	17-Dec-2004	PDF
Sec. 19 SE NW SW	Liles, John	21 ft.	8 ft.		Lawn and Garden - domestic only		Plugged	24-Jan-2004	Scan
Sec. 19 NW SW SW	Moore, Donald Jay	27 ft.			Lawn and Garden - domestic only		Plugged	12-Mar-2006	PDF
Sec. 19 SE NE NW	City of Wichita Parks and Recreation Dept.	40 ft.	12 ft.		Lawn and Garden - domestic only		Constructed	23-Jan-2007	PDF
Sec. 19 SWNWSE	BECKMAN	50 ft.	15 ft.		Lawn and Garden - domestic only		Constructed	25-Apr-1992	
Sec. 19 NE SW NE	Scott, Diane	29 ft.	16 ft.		Lawn and Garden - domestic only		Plugged	09-Apr-2002	Scan
Sec. 19 NE NE SW	May, Brian	25 ft.	15 ft.		Lawn and Garden - domestic only		Plugged	11-Apr-2011	PDF

Sec. 19 SE SE SW	Howard Siemiller	25 ft.	14 ft.		Lawn and Garden - domestic only		Plugged	17-Jan-2002	Scan
Sec. 19 NE NW SE	Loehr, Jerome	18 ft.	13 ft.		Lawn and Garden - domestic only		Plugged	23-Feb-2001	Scan
Sec. 19 SESESE	BARRY	80 ft.	25 ft.		Lawn and Garden - domestic only		Constructed	17-May-1985	
Sec. 19 SWNWSE	W SIDE CHRISTIA	40 ft.	15 ft.		Lawn and Garden - domestic only		Constructed	10-May-1985	
View page: 1 || **2** || 3 || 4									

KGS Hydrology | Water Well Database Query

Township: 27S, Range: 1E, Section: 19

Select location of well to view details.

Click on column heading to sort.

Save Data to File

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View page: 1 || 2 || **3** || 4

T-R-S	Owner	Well Depth Ascend. Desc.	Static Water Level Ascend. Desc.	Est. Yield Ascend. Desc.	**Well Use**	Other ID	Action Taken	Completion Date Ascend. Desc.	Scan?
Sec. 19 SWNWSW	BAILY	39 ft.	19 ft.		Lawn and Garden - domestic only		Constructed	17-Jun-1991	
Sec. 19 NWSENW	TOWN	22 ft.			Lawn and Garden - domestic only		Constructed	09-Aug-1989	
Sec. 19 NW SW NE	Schreiber, Jeffrey	100 ft.	25 ft.		Lawn and Garden - domestic only		Constructed	15-Nov-2012	PDF
Sec. 19 NWSENW	COWTOWN	26 ft.			Lawn and Garden - domestic only		Constructed	16-May-1990	
Sec. 19 SE SE SE	QuikTrip Corporation	40 ft.	10 ft.	25 gpm.	Lawn and Garden - domestic only		Constructed	31-May-2011	PDF
Sec. 19 NW NW SW	Meridian Baptist	45 ft.	14 ft.		Lawn and Garden - domestic only		Constructed	20-May-2013	PDF
Sec. 19 SW	Lutz, Diane	50 ft.	15 ft.	18 gpm.	Lawn and Garden - domestic only		Constructed	10-Jun-2013	PDF
Sec. 19 SW SW NW	Cyboron, Ann	30 ft.	22 ft.		Lawn and Garden - domestic only		Plugged	07-Jun-2013	PDF

Sec. 19 NW NW SW	Patrick	36 ft.	15 ft.		Lawn and Garden - domestic only		Constructed	23-Jul-2013	PDF
Sec. 19 SW SW NW	Margaret Cupps Revocable Trust	25 ft.	12 ft.		Lawn and Garden - domestic only		Plugged	07-Dec-2013	PDF
Sec. 19 SE SW NE	Morrison, Jim	22 ft.	12 ft.		Lawn and Garden - domestic only		Plugged	07-Mar-2014	PDF
Sec. 19 SE SW NE	Morrison, Jim	20 ft.	10 ft.		Lawn and Garden - domestic only		Plugged	07-Mar-2014	PDF
Sec. 19 NW SE NE	Greenstreet, Richard and Avis M.	21.7 ft.	7.3 ft.		Lawn and Garden - domestic only		Plugged	23-May-2014	PDF
Sec. 19 SE SE NW	Apex Engineering	40 ft.	17 ft.		Air Conditioning		Plugged	05-Nov-2001	Scan
Sec. 19 NENENE	City of Wichita	40 ft.	10 ft.		Dewatering		Constructed	10-Jun-1997	
Sec. 19 NENENE	City of Wichita	50 ft.	18 ft.		Dewatering		Constructed	18-Apr-1995	
Sec. 19 NENENE	City of Wichita	40 ft.	10 ft.		Dewatering		Constructed	10-Jun-1997	
Sec. 19 NENENE	City of Wichita	40 ft.	10 ft.		Dewatering		Constructed	10-Jun-1997	
Sec. 19 NENENE	City of Wichita	40 ft.	10 ft.		Dewatering		Plugged	13-Jun-1997	
Sec. 19 NENENE	City of Wichita	40 ft.	10 ft.		Dewatering		Plugged	13-Jun-1997	
Sec. 19 NENENE	City of Wichita	40 ft.	10 ft.		Dewatering		Constructed	10-Jun-1997	
Sec. 19 NWNWNE	City of Wichita	40 ft.	10 ft.		Dewatering		Plugged	30-Oct-1996	

Sec. 19 NE SW NW	City of Wichita	48 ft.	20 ft.		Dewatering		Plugged	21-Feb-2005	PDF
Sec. 19 NENENE	City of Wichita	40 ft.	10 ft.		Dewatering		Plugged	13-Jun-1997	
Sec. 19 NENENE	City of Wichita	50 ft.	18 ft.		Dewatering		Constructed	18-Apr-1997	
Sec. 19 NENENE	City of Wichita	50 ft.	18 ft.		Dewatering		Constructed	24-Mar-1997	
Sec. 19 NWNWNE	City of Wichita	40 ft.	10 ft.		Dewatering		Plugged	30-Oct-1996	
Sec. 19 NWNWNE	City of Wichita	40 ft.	10 ft.		Dewatering		Constructed	07-Oct-1996	
Sec. 19 NWNWNE	City of Wichita	40 ft.	10 ft.		Dewatering		Plugged	30-Oct-1996	
Sec. 19 NE SW NW	City of Wichita	45 ft.	20 ft.		Dewatering		Constructed	03-Jan-2005	PDF
Sec. 19 NE SW NW	City of Wichita	48 ft.	20 ft.		Dewatering		Constructed	03-Jan-2005	PDF
Sec. 19 NE SW NW	City of Wichita	45 ft.	20 ft.		Dewatering		Constructed	03-Jan-2005	PDF
Sec. 19 NWNWNE	City of Wichita	40 ft.	10 ft.		Dewatering		Constructed	30-Sep-1996	
Sec. 19 NENENE	City of Wichita	40 ft.	10 ft.		Dewatering		Plugged	13-Jun-1997	
Sec. 19 NWNWNE	City of Wichita	40 ft.	10 ft.		Dewatering		Constructed	30-Sep-1996	

Sec. 19 NENENE	City of Wichita	50 ft.	18 ft.		Dewatering		Constructed	18-Apr-1997	
Sec. 19 NE SE NE	BDAT Environmental Inc.	20 ft.	14.79 ft.		Monitoring well/observation/piezometer	MW 2	Plugged	19-May-2000	Scan
Sec. 19 NE SE NE	BDAT Environmental Inc.	20 ft.	13.99 ft.		Monitoring well/observation/piezometer	MW 6	Plugged	19-May-2000	Scan
Sec. 19 NE SE NE	BDAT Environmental Inc.	20 ft.	14.77 ft.		Monitoring well/observation/piezometer	MW 8	Plugged	19-May-2000	Scan
Sec. 19 NE SE NE	BDAT Environmental Inc.	20 ft.	14.05 ft.		Monitoring well/observation/piezometer	MW 4	Plugged	19-May-2000	Scan
Sec. 19 NE SE NE	BDAT Environmental Inc.	20 ft.	14.05 ft.		Monitoring well/observation/piezometer	MW 3	Plugged	19-May-2000	Scan
Sec. 19 NESENE	BOAT ENVIRONMTL	20 ft.	14.77 ft.		Monitoring well/observation/piezometer		Constructed	11-Jan-1995	
Sec. 19 NESENE	BDAT ENVIRONMNT	20 ft.	13.99 ft.		Monitoring well/observation/piezometer		Constructed	11-Jan-1995	
Sec. 19 NESENE	BDAT ENVIRONMNT	20 ft.	14.8 ft.		Monitoring well/observation/piezometer		Constructed	11-Jan-1995	
Sec. 19 SW SW SW	Holtzman	20 ft.	13 ft.		Monitoring well/observation/piezometer		Constructed	22-Jan-1990	
Sec. 19 NESENE	BDAT ENVIRONMMT	21 ft.	13.9 ft.		Monitoring well/observation/piezometer		Constructed	11-Jan-1995	
Sec. 19 NESENE	BDAT ENVIRONMNT	20 ft.	14.24 ft.		Monitoring well/observation/piezometer		Constructed	10-Jan-1995	
Sec. 19 NESENE	BDAT ENVIRONMNT	20 ft.	14.05 ft.		Monitoring well/observation/piezometer		Constructed	11-Jan-1995	
Sec. 19 NE SE NE	BDAT Environmental Inc.	20 ft.	13.99 ft.		Monitoring well/observation/piezometer	MW 9	Plugged	19-May-2000	Scan
Sec. 19					Monitoring			06-Nov-	

SE NE SE	Quik Trip (349)	25 ft.	17.14 ft.		well/observation/piezometer		Constructed	2001	Scan

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KGS Hydrology | Water Well Database Query

Township: 27S, Range: 1E, Section: 19

Select location of well to view details.

Click on column heading to sort.

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View page: 1 || 2 || 3 || **4**

T-R-S	Owner	Well Depth Ascend. Desc.	Static Water Level Ascend. Desc.	Est. Yield Ascend. Desc.	**Well Use**	Other ID	Action Taken	Completion Date Ascend. Desc.	Scan?
Sec. 19 SW SW SW	Tim Holtzman	20 ft.	13.19 ft.		Monitoring well/observation/piezometer		Constructed	22-Jan-1990	Scan
Sec. 19 NE SE NE	BDAT Environmental Inc.	20 ft.	14.8 ft.		Monitoring well/observation/piezometer	MW 5	Plugged	19-May-2000	Scan
Sec. 19 SE NE SE	Quik Trip Corp.	24.22 ft.	20 ft.		Monitoring well/observation/piezometer	MW 1	Plugged	29-Jun-2006	PDF
Sec. 19 SE NE SE	Quik Trip Corp.	24.24 ft.	18 ft.		Monitoring well/observation/piezometer	MW 4	Plugged	28-Jun-2006	PDF
Sec. 19 SE NE SE	Quik Trip Corp.	24.28 ft.	19 ft.		Monitoring well/observation/piezometer	MW 3	Plugged	28-Jun-2006	PDF
Sec. 19 SE NE SE	Quik Trip Corp.	23 ft.	15 ft.		Monitoring well/observation/piezometer	MW 5	Plugged	29-Jun-2006	PDF
Sec. 19 SE NE SE	Quik Trip Corp.	27.22 ft.	19 ft.		Monitoring well/observation/piezometer	MW 2	Plugged	28-Jun-2006	PDF
Sec. 19 SE NE SE	Quik Trip Corp.	24.31 ft.	17 ft.		Monitoring well/observation/piezometer	MW 7	Plugged	28-Jun-2006	PDF

Sec. 19 SE NE SE	Quik Trip Corp.	24.5 ft.	17 ft.		Monitoring well/observation/piezometer	MW 6	Plugged	28-Jun-2006	PDF
Sec. 19 SW NW NE	Four Seasons Cleaners	48 ft.	16.32 ft.		Monitoring well/observation/piezometer		Constructed	06-Mar-2003	Scan
Sec. 19 SW SW NE	Four Seasons Cleaners	48 ft.	16.68 ft.		Monitoring well/observation/piezometer		Constructed	06-Mar-2003	Scan
Sec. 19 SW SW NE	Four Seasons Cleaners	25 ft.	16.64 ft.		Monitoring well/observation/piezometer		Constructed	06-Mar-2003	Scan
Sec. 19 SE NE SE	Quik Trip (349)	25 ft.	15.99 ft.		Monitoring well/observation/piezometer		Constructed	06-Nov-2001	Scan
Sec. 19 SE NE SE	Quik Trip (349)	25 ft.	19.49 ft.		Monitoring well/observation/piezometer		Constructed	15-Nov-2001	Scan
Sec. 19 SE NE SE	Quik Trip (349)	28 ft.	19.36 ft.		Monitoring well/observation/piezometer		Constructed	05-Nov-2001	Scan
Sec. 19 SE NE SE	Quik Trip (349)	25 ft.	17.14 ft.		Monitoring well/observation/piezometer		Constructed	05-Nov-2001	Scan
Sec. 19 SE NE SE	Quik Trip (349)	25.5 ft.	18.79 ft.		Monitoring well/observation/piezometer		Constructed	05-Nov-2001	Scan
Sec. 19 NE SE NE	BDAT Environmental Inc.	21 ft.	13.9 ft.		Monitoring well/observation/piezometer	MW 7	Plugged	19-May-2000	Scan
Sec. 19 NE SE NE	BDAT Environmental Inc.	20 ft.	14.24 ft.		Monitoring well/observation/piezometer	MW 1	Plugged	19-May-2000	Scan
Sec. 19 NESENE	BDAT ENVIRONMNT	20 ft.	13.99 ft.		Monitoring well/observation/piezometer		Constructed	11-Jan-1995	
Sec. 19 NESENE	BDAT ENVIRONMNT	20 ft.	14.79 ft.		Monitoring well/observation/piezometer		Constructed	10-Jan-1995	

Sec. 19 NESENE	BDAT ENVIRONMNT	20 ft.	14.05 ft.		Monitoring well/observation/piezometer		Constructed	10-Jan-1995	
Sec. 19 SW NW SE	1812 West Second LLC	20 ft.	14 ft.		(unstated)/abandoned	P 2	Constructed	08-Oct-1999	Scan
Sec. 19 SW NW SE	1812 West Second LLC	20 ft.	14 ft.		(unstated)/abandoned	P 4	Constructed	08-Oct-1999	Scan
Sec. 19 SW NW SE	1812 West Second LLC	20 ft.			(unstated)/abandoned	P 1	Constructed	08-Oct-1999	Scan
Sec. 19 SW NW SE	Wiles, G.A.	16 ft.	10 ft.		(unstated)/abandoned		Plugged	01-Dec-2001	Scan
Sec. 19 NW NW SW	Darcy Predmore	20 ft.	15 ft.		(unstated)/abandoned		Plugged	02-Feb-2002	Scan
Sec. 19 SE SW SW	Kirk, Gary				(unstated)/abandoned		Plugged	03-Mar-2007	PDF
Sec. 19 NE SW	Smith, Chester R.	50 ft.	20 ft.		(unstated)/abandoned		Constructed	22-Jul-2008	PDF
Sec. 19 SW NW SE	1812 West Second LLC	20 ft.	13 ft.		(unstated)/abandoned	P 3	Constructed	18-Oct-1999	Scan
Sec. 19 SW NW SE	Wiles, G.A.	4 ft.			(unstated)/abandoned		Plugged	01-Dec-2001	Scan

View page: 1 || 2 || 3 || **4**

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KGS Hydrology | Water Well Database Query

Township: 27S, Range: 1E, Section: 20

Select location of well to view details.

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Save Data to File

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View page: **1** || 2 || 3 || 4 || 5 || 6 || 7 || 8

T-R-S	Owner	Well Depth Ascend. Desc.	Static Water Level Ascend. Desc.	Est. Yield Ascend. Desc.	**Well Use**	Other ID	Action Taken	Completion Date Ascend. Desc.	Scan?
Sec. 20 SWNW	GIRRENS,LEON	42 ft.	20 ft.		Domestic		Constructed	18-Oct-1977	
Sec. 20 SENWSW	BUCKANAN,HOWARD	35 ft.	16 ft.		Domestic		Constructed	23-Jan-1982	
Sec. 20 SE SE SE	Premier Health Inc	30 ft.	12 ft.		Domestic		Plugged	07-May-2001	PDF
Sec. 20 SWNESW	DEVORSS,BILL	32 ft.	20 ft.		Irrigation		Unknown	03-Jan-1977	
Sec. 20 NWNENE	City of Wichita	100 ft.	99.33 ft.		Industrial		Plugged	02-Dec-1994	
Sec. 20 SESWNW	MEADOW GOLD DA	999 ft.	0 ft.		Industrial		Plugged	13-Sep-1990	
Sec. 20 NESESW	EMPERIAL SAVING	25 ft.	13 ft.		Lawn and Garden - domestic only		Plugged	29-Sep-1989	
Sec. 20 NE SE SW SW	Plaza Real Estate	32 ft.	11 ft.		Lawn and Garden - domestic only		Plugged	01-Jun-2002	PDF
Sec. 20 SESWNE	CENTRAL CHRISTI	40 ft.	15 ft.		Lawn and Garden - domestic only		Constructed	16-Jun-1994	

Sec. 20 SWSESW	JONES,BARBARA	30 ft.	15 ft.		Lawn and Garden - domestic only		Constructed	16-Jul-1981	
Sec. 20 NESWSW	RUCKLE	26 ft.	13 ft.		Lawn and Garden - domestic only		Plugged	21-Aug-1997	
Sec. 20 NE NE NE	Schultz, Craig	50 ft.	20 ft.		Lawn and Garden - domestic only		Constructed	03-May-2011	PDF
Sec. 20 SESWSW	HAMMOND	28 ft.	14 ft.		Lawn and Garden - domestic only		Plugged	20-Jul-1995	
Sec. 20 SENENE	FATHER LEIGH	20 ft.	10 ft.	50 gpm.	Lawn and Garden - domestic only		Constructed	04-Mar-1986	
Sec. 20 SE SW SW	Wilson, Sally	45 ft.	22 ft.		Lawn and Garden - domestic only		Constructed	25-Oct-2010	PDF
Sec. 20 NW SW NW	Castlewood Homes	40 ft.	20 ft.	20 gpm.	Lawn and Garden - domestic only		Constructed	20-Sep-2008	PDF
Sec. 20 NW NE SW	Credit Union of America	40 ft.	15 ft.		Lawn and Garden - domestic only		Constructed	19-Jul-2003	Scan
Sec. 20 NE SE SW	Metropolitan Baptist	40 ft.	15 ft.		Lawn and Garden - domestic only		Constructed	25-Apr-2008	PDF
Sec. 20 SE SW SE	City of Wichita	38 ft.	15 ft.		Lawn and Garden - domestic only		Plugged	04-Feb-2005	PDF
Sec. 20 SE SW NE	Cargill	40 ft.	14 ft.		Lawn and Garden - domestic only		Constructed	20-Mar-2014	PDF
Sec. 20 SE NW SW	Plaza Real Estate	30 ft.	10 ft.		Lawn and Garden - domestic only		Plugged	21-Sep-2000	Scan
Sec. 20 NE SE NE SW	Metropolitan Baptist Church	40 ft.	15 ft.		Lawn and Garden - domestic only		Constructed	15-Jun-2000	PDF

Sec. 20 SWSWNW	ADDISON	30 ft.	12 ft.		Lawn and Garden - domestic only		Plugged	15-Jul-1997	
Sec. 20 NESWSW	RUCKLE	29 ft.	13 ft.		Lawn and Garden - domestic only		Plugged	21-Aug-1997	
Sec. 20 SWSESE	WICHITA BOAT HS	40 ft.	10 ft.		Lawn and Garden - domestic only		Constructed	15-Apr-1994	
Sec. 20 NWNE	BD OF PARK COMM	41 ft.	20 ft.		Lawn and Garden - domestic only		Constructed	11-Oct-1978	
Sec. 20 NWNWNE	LAW COMPANY	40 ft.	17 ft.		Air Conditioning		Constructed	06-Jan-1983	
Sec. 20 SWNWNE	LAW COMPANY BLD	38 ft.	21 ft.	417 gpm.	Air Conditioning		Constructed	19-Aug-1991	
Sec. 20 NENWSW	MUELLER ,MR.	28 ft.	0 ft.		Air Conditioning		Constructed	13-May-1975	
Sec. 20 NW SW NE	Farm Credit Bank	38 ft.	15 ft.		Air Conditioning		Constructed	13-Feb-1984	
Sec. 20 SESWNE	CLINTON,OIL,CO	31 ft.	13 ft.		Air Conditioning		Constructed	20-Mar-1975	
Sec. 20 SWNWNE	LAW CO BLDG ASS	40 ft.	20 ft.		Air Conditioning		Plugged	19-Aug-1991	
Sec. 20 SENE	MORRIS,BILL	40 ft.	25 ft.		Air Conditioning		Constructed	12-Jul-1978	
Sec. 20 SWSWSW	WESTSIDE BAPTIS	36 ft.	16 ft.		Air Conditioning		Plugged	11-Feb-1997	
Sec. 20 NENESE	OZENA	15 ft.	8 ft.		Air Conditioning		Plugged	08-Oct-1996	
Sec. 20 NENESE	OZENA	35 ft.	8 ft.		Air Conditioning		Plugged	08-Oct-1996	
Sec. 20	WTCH TRANS AIR	23 ft.	9 ft.	50 gpm.			Constructed	24-Nov-	

NENESE					Air Conditioning			1978	
Sec. 20 NENESE		40 ft.	16 ft.		Air Conditioning		Constructed	11-May-1983	
Sec. 20 NESENE	SALVATION ARMY	35 ft.	15 ft.		Air Conditioning		Plugged	07-Oct-1996	
Sec. 20 NWNWNE	LAW COMPANY	40 ft.	17 ft.		Air Conditioning		Constructed	07-Jan-1983	
Sec. 20 SWNWNE	LAW CO BLDG	41 ft.	17 ft.	400 gpm.	Air Conditioning		Constructed	26-Apr-1988	
Sec. 20 NW SW NE	Farm Credit Bank	36 ft.	16 ft.		Air Conditioning		Constructed	13-Feb-1984	
Sec. 20 CNNW	City of Wichita	40 ft.	18 ft.		Dewatering		Constructed	07-Jan-1997	
Sec. 20 SE NW SE	City of Wichita	36 ft.	7 ft.		Dewatering		Plugged	31-Aug-2000	Scan
Sec. 20 CNNW	City of Wichita	40 ft.	18 ft.		Dewatering		Plugged	07-Jan-1997	
Sec. 20 SE NW SE	City of Wichita	36 ft.	7 ft.		Dewatering		Constructed	01-Aug-2000	Scan
Sec. 20 CNNW	City of Wichita	40 ft.	18 ft.		Dewatering		Constructed	07-Jan-1997	
Sec. 20 SWNENE	DONDLINGER CONS	34 ft.	16 ft.		Dewatering		Constructed	21-Oct-1985	
Sec. 20 CNNW	City of Wichita	40 ft.	18 ft.		Dewatering		Plugged	07-Jan-1997	
Sec. 20 SW SE SE	Carter, WB	38 ft.	11 ft.		Dewatering		Plugged	21-Apr-2005	PDF

Kansas Geological Survey
Comments to webadmin@kgs.ku.edu
URL=http://www.kgs.ku.edu/Magellan/WaterWell/index.html
Display Programs Updated July 2, 2014
Data added continuously.

KGS Hydrology | Water Well Database Query

Township: 27S, Range: 1E, Section: 20

Select location of well to view details.

Click on column heading to sort.

Save Data to File

381 records. Only 50 records displayed at a time--sort will affect ALL records. (Sort on Well Use is NOT alphabetial--wells are grouped by use code.)

View page: 1 || **2** || 3 || 4 || 5 || 6 || 7 || 8

T-R-S	Owner	Well Depth Ascend. Desc.	Static Water Level Ascend. Desc.	Est. Yield Ascend. Desc.	**Well Use**	Other ID	Action Taken	Completion Date Ascend. Desc.	Scan?
Sec. 20 SW SE SE	Carter, WB	35 ft.	11 ft.		Dewatering		Plugged	21-Apr-2005	PDF
Sec. 20 SW SE SE	Carter, WB	36 ft.	11 ft.		Dewatering		Plugged	21-Apr-2005	PDF
Sec. 20 SW SE SE	Carter, WB	36 ft.	11 ft.		Dewatering		Plugged	21-Apr-2005	PDF
Sec. 20 SW NE NE	Dondlinger Cons	34 ft.	16 ft.	800 gpm.	Dewatering		Constructed	21-Oct-1985	
Sec. 20 SW NE NE	Dondlinger Cons	32 ft.	14 ft.	800 gpm.	Dewatering		Constructed	21-Oct-1985	
Sec. 20 SE SE SE	Amoco Oil Co.	24 ft.	18 ft.		Monitoring well/observation/piezometer	MW 2	Constructed	09-Jan-1992	PDF
Sec. 20 NWNESE	City of Wichita	23 ft.	0 ft.		Monitoring well/observation/piezometer		Constructed	15-Dec-1991	
Sec. 20 SENENE	EXCEL CORP.	25 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	28-Sep-1992	
Sec. 20	Amoco Oil Co.	24 ft.	17 ft.		Monitoring	MW 3	Constructed	09-Jan-	PDF

SE SE SE					well/observation/piezometer			1992	
Sec. 20 SE SW NW	Ryder Truck Rental	25 ft.	20 ft.		Monitoring well/observation/piezometer		Constructed	19-Sep-1992	
Sec. 20 NWNWSE	EXECUTIVE MANOR	25 ft.	17 ft.		Monitoring well/observation/piezometer		Constructed	19-Sep-1988	
Sec. 20 NWNWSE	EXECUTIVE MANOR	24 ft.	18 ft.		Monitoring well/observation/piezometer		Constructed	12-Sep-1988	
Sec. 20 SENESE	COLEMAN CO INC	38 ft.	16 ft.		Monitoring well/observation/piezometer		Constructed	22-Apr-1990	
Sec. 20 NENENE	RTC/MORRISON	25 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	07-Jan-1991	
Sec. 20 NESWSE	City of Wichita	41 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	28-Aug-1990	
Sec. 20 SENWSE	City of Wichita	45 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	17-Aug-1990	
Sec. 20 NWNWSE	EXECUTIVE MANOR	25 ft.	19 ft.		Monitoring well/observation/piezometer		Constructed	02-Sep-1988	
Sec. 20 NWNWSE	EXECUTIVE MANOR	25 ft.	18 ft.		Monitoring well/observation/piezometer		Constructed	01-Mar-1989	
Sec. 20 NWNWSE	EXECUTIVE MANOR	23 ft.	18 ft.		Monitoring well/observation/piezometer		Constructed	26-Aug-1988	
Sec. 20 NWNWSE	EXEC MANOR WICH	23 ft.	18 ft.		Monitoring well/observation/piezometer		Constructed	08-Dec-1987	
Sec. 20 NWNWSE	EXEC MANOR WICH	25 ft.	17 ft.		Monitoring well/observation/piezometer		Constructed	08-Dec-1987	
Sec. 20 NW SE SE	CRISER	20 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	12-Apr-1994	
Sec. 20 NWSESE	CRISER	20 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	12-Apr-1994	

Sec. 20 NWSESE	CRISER	20 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	12-Apr-1994	
Sec. 20 SW SE SE	Wayne & Dale Tull	20 ft.	14 ft.		Monitoring well/observation/piezometer		Constructed	12-Apr-1994	Scan
Sec. 20 SE SE SE	Amoco Oil Co.	23.6 ft.	15.5 ft.		Monitoring well/observation/piezometer	MW 10	Constructed	11-May-1995	PDF
Sec. 20 SE SE SE	Amoco Oil Co.	23.5 ft.	16.35 ft.		Monitoring well/observation/piezometer	MW 15	Constructed	12-May-1995	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	22 ft.			Monitoring well/observation/piezometer	MW 2	Plugged	27-Feb-2006	PDF
Sec. 20 SENWSE	City of Wichita	47 ft.	16 ft.		Monitoring well/observation/piezometer		Plugged	15-Apr-1996	
Sec. 20 NESESE	WICHITA PUBLIC	21 ft.	15.76 ft.		Monitoring well/observation/piezometer		Constructed	18-Oct-1995	
Sec. 20 SW SE SE	Tull, Wayne and Dale	20 ft.			Monitoring well/observation/piezometer	MW 1	Plugged	07-Jan-1999	Scan
Sec. 20 SW SE SE	Wayne & Dale Tull	20 ft.	18.5 ft.		Monitoring well/observation/piezometer	MW 3	Plugged	20-Jan-1999	Scan
Sec. 20 SW SE SE	Wayne & Dale Tull	20 ft.	0 ft.		Monitoring well/observation/piezometer	MW 5	Plugged	07-Jan-1999	Scan
Sec. 20 SW SE NE	Intrust Bank	25 ft.	18.83 ft.		Monitoring well/observation/piezometer		Constructed	19-Apr-1999	Scan
Sec. 20 SW SE SE	Wayne & Dale Tull	25 ft.	17.65 ft.		Monitoring well/observation/piezometer	MW 1	Constructed	12-Jan-2000	Scan
Sec. 20 SW SE SE	Wayne & Dale Tull	25 ft.	18.02 ft.		Monitoring well/observation/piezometer	MW 3	Constructed	11-Jan-2000	Scan
Sec. 20 SW SE SE	Wayne & Dale Tull	25 ft.	17.65 ft.		Monitoring well/observation/piezometer	MW 4	Constructed	11-Jan-2000	Scan
Sec. 20	Wayne & Dale Tull	25 ft.			Monitoring	MW 5	Constructed	11-Jan-	Scan

SW SE SE			17.74 ft.		well/observation/piezometer			2000	
Sec. 20 SW SE SE	Wayne & Dale Tull	25 ft.	17.18 ft.		Monitoring well/observation/piezometer	MW 6	Constructed	11-Jan-2000	Scan
Sec. 20 SW SE SE	Wayne & Dale Tull	25 ft.	17.19 ft.		Monitoring well/observation/piezometer	MW 7	Constructed	12-Jan-2000	Scan
Sec. 20 SW SE SE	Wayne & Dale Tull	25 ft.	17.11 ft.		Monitoring well/observation/piezometer	MW 8	Constructed	12-Jan-2000	Scan
Sec. 20 SW SE SE	Wayne & Dale Tull	25 ft.	17.56 ft.		Monitoring well/observation/piezometer	MW 9	Constructed	12-Jan-2000	Scan
Sec. 20 NE SE SE	Klondike Building Co./Martens Co.	35 ft.			Monitoring well/observation/piezometer		Constructed	10-Jul-2000	Scan
Sec. 20 NE NE NE	City of Wichita	39.87 ft.			Monitoring well/observation/piezometer	NMW 25D	Constructed	24-Jan-2001	Scan
Sec. 20 SE NE NE	City of Wichita	32.3 ft.			Monitoring well/observation/piezometer	NMW 26D	Constructed	24-Jan-2001	Scan
Sec. 20 SE NE NE	City of Wichita	20.4 ft.			Monitoring well/observation/piezometer	NMW-26S	Constructed	24-Jan-2001	Scan
Sec. 20 SW SE SE	City of Wichita	22 ft.			Monitoring well/observation/piezometer	MW 550B	Constructed	03-Mar-2002	Scan
Sec. 20 NW SE SE	Wayne or DaleTull	25 ft.	14.86 ft.		Monitoring well/observation/piezometer	MW 2	Plugged	19-Mar-2003	Scan
Sec. 20 NW SE SE	Wayne & Dale Tull	25 ft.	15 ft.		Monitoring well/observation/piezometer	MW 4	Plugged	19-Mar-2003	Scan
Sec. 20 NW SE SE	Wayne & Dale Tull	25 ft.	15.75 ft.		Monitoring well/observation/piezometer	MW 6	Plugged	19-Mar-2003	Scan

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URL=http://www.kgs.ku.edu/Magellan/WaterWell/index.html
Display Programs Updated July 2, 2014
Data added continuously.

KGS Hydrology | Water Well Database Query

Township: 27S, Range: 1E, Section: 20

Select location of well to view details.

Click on column heading to sort.

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View page: 1 || 2 || **3** || 4 || 5 || 6 || 7 || 8

T-R-S	Owner	Well Depth Ascend. Desc.	Static Water Level Ascend. Desc.	Est. Yield Ascend. Desc.	**Well Use**	Other ID	Action Taken	Completion Date Ascend. Desc.	Scan?
Sec. 20 NW SE SE	Wayne & Dale Tull	20 ft.	14.6 ft.		Monitoring well/observation/piezometer	MW 7	Plugged	19-Mar-2003	Scan
Sec. 20 NE SW NW	Four Seasons Cleaners	37 ft.	16.2 ft.		Monitoring well/observation/piezometer	MW 9	Constructed	07-Mar-2003	Scan
Sec. 20 NE NW SW	Four Seasons Cleaners	35 ft.	11.9 ft.		Monitoring well/observation/piezometer	MW 10	Constructed	07-Mar-2003	Scan
Sec. 20 SE SE SE	T and B Corporation	21.8 ft.	15.3 ft.		Monitoring well/observation/piezometer	MW 3	Constructed	17-Aug-2004	PDF
Sec. 20 SE SE SE	T and B Corporation	21.9 ft.	14.8 ft.		Monitoring well/observation/piezometer	MW 6	Constructed	18-Aug-2004	PDF
Sec. 20 SE SE SE	T and B Corporation	22 ft.	14.9 ft.		Monitoring well/observation/piezometer	MW 1	Constructed	17-Aug-2004	PDF
Sec. 20 SE SE SE	T and B Corporation	21.9 ft.	14.7 ft.		Monitoring well/observation/piezometer	MW 5	Constructed	18-Aug-2004	PDF
Sec. 20 SE SE SE	T and B Corporation	21.9 ft.	14.7 ft.		Monitoring well/observation/piezometer	MW 8	Constructed	19-Aug-2004	PDF

Sec. 20 SE SE SE	T and B Corporation	21.8 ft.	15.7 ft.		Monitoring well/observation/piezometer	MW 2	Constructed	17-Aug-2004	PDF
Sec. 20 SE SE SE	T and B Corporation	22 ft.	14.8 ft.		Monitoring well/observation/piezometer	MW 4	Constructed	18-Aug-2004	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	23 ft.	17.31 ft.		Monitoring well/observation/piezometer	MW 5	Constructed	20-May-2004	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	23.5 ft.	16.58 ft.		Monitoring well/observation/piezometer	MW 10	Constructed	22-May-2004	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	23 ft.	16.3 ft.		Monitoring well/observation/piezometer	MW 7	Constructed	21-May-2004	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	23.5 ft.	16.78 ft.		Monitoring well/observation/piezometer	MW 9	Constructed	22-May-2004	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	22 ft.	16.6 ft.		Monitoring well/observation/piezometer	MW 2	Constructed	20-May-2004	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	22 ft.	16.74 ft.		Monitoring well/observation/piezometer	MW 4	Constructed	21-May-2004	PDF
Sec. 20 NW SE SE	City of Wichita	41 ft.	8 ft.		Monitoring well/observation/piezometer	MW 15	Plugged	08-Apr-2005	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	23 ft.			Monitoring well/observation/piezometer	MW 5	Plugged	24-Feb-2006	PDF
Sec. 20 NE NE	Steven Enterprises, LLC	20.02 ft.	16.23 ft.		Monitoring well/observation/piezometer	MW 10	Constructed	30-Sep-2005	PDF

NE									
Sec. 20 NE NE NE	Steven Enterprises, LLC	20.6 ft.	16.07 ft.		Monitoring well/observation/piezometer	MW 11	Constructed	30-Sep-2005	PDF
Sec. 20 SE NE NW	River Edge Bar c/o KDHE	25 ft.	18.2 ft.		Monitoring well/observation/piezometer	MW 3	Constructed	10-Jan-2006	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	23 ft.			Monitoring well/observation/piezometer	MW 6	Plugged	23-Feb-2006	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	23 ft.			Monitoring well/observation/piezometer	MW 8	Plugged	24-Feb-2006	PDF
Sec. 20 SE NE NW	River Edge Bar c/o KDHE	25 ft.	18.4 ft.		Monitoring well/observation/piezometer	MW 4	Constructed	11-Jan-2006	PDF
Sec. 20 SE NE NW	River Edge Bar c/o KDHE	25 ft.	17.96 ft.		Monitoring well/observation/piezometer	MW 1	Constructed	11-Jan-2006	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	21 ft.			Monitoring well/observation/piezometer	MW 1	Plugged	27-Feb-2006	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	23 ft.			Monitoring well/observation/piezometer	MW 7	Plugged	23-Feb-2006	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	22 ft.			Monitoring well/observation/piezometer	MW 4	Plugged	27-Feb-2006	PDF
Sec. 20 SE NE NW	River Edge Bar c/o KDHE	25 ft.	18.3 ft.		Monitoring well/observation/piezometer	MW 2	Constructed	11-Jan-2006	PDF

Sec. 20 NE NE NE	Steven Enterprises, LLC	19.35 ft.	16.21 ft.		Monitoring well/observation/piezometer	MW 7	Constructed	30-Sep-2005	PDF
Sec. 20 SE NE NW	Westar Energy	20.5 ft.	16.1 ft.		Monitoring well/observation/piezometer	MW 5	Constructed	03-Apr-2007	PDF
Sec. 20 SE NE NW	Westar Energy	20.5 ft.	14 ft.		Monitoring well/observation/piezometer	MW 8	Constructed	03-Apr-2007	PDF
Sec. 20 SE NE NW	Westar Energy	20.5 ft.	14.28 ft.		Monitoring well/observation/piezometer	MW 2	Constructed	04-Apr-2007	PDF
Sec. 20 SE SE SW	City of Wichita	37.4 ft.	15 ft.		Monitoring well/observation/piezometer	550 A	Constructed	13-Jul-2007	PDF
Sec. 20 SE NE NW	Westar Energy	14 ft.	6.91 ft.		Monitoring well/observation/piezometer	MW 6	Constructed	03-Apr-2007	PDF
Sec. 20 SE NE NW	Westar Energy	20.5 ft.	13.25 ft.		Monitoring well/observation/piezometer	MW 9	Constructed	04-Apr-2007	PDF
Sec. 20 SE NE NW	Westar Energy	20.5 ft.	13.5 ft.		Monitoring well/observation/piezometer	MW 1	Constructed	04-Apr-2007	PDF
Sec. 20 SE NE NW	Westar Energy	20.5 ft.	14.6 ft.		Monitoring well/observation/piezometer	MW 3	Constructed	04-Apr-2007	PDF
Sec. 20 SE SW NE	City of Wichita	22.1 ft.	15.2 ft.		Monitoring well/observation/piezometer	Cow UST BH1	Constructed	18-Jul-2007	PDF

Sec. 20 NW NW SW	Estfan LLC	23 ft.	17.6 ft.		Monitoring well/observation/piezometer	MW 1	Constructed	10-Jan-2008	PDF
Sec. 20 NW NW SW	Estfan LLC	23 ft.	17.76 ft.		Monitoring well/observation/piezometer	MW 3	Constructed	10-Jan-2008	PDF
Sec. 20 NE NE NE	KDHE BER	19.42 ft.	15.55 ft.		Monitoring well/observation/piezometer	MW 7	Plugged	30-Jan-2008	PDF
Sec. 20 NE NE NE	KDHE BER	21.65 ft.	15.85 ft.		Monitoring well/observation/piezometer	MW 9	Plugged	30-Jan-2008	PDF
Sec. 20 NE NE NE	KDHE BER	20.14 ft.	15.72 ft.		Monitoring well/observation/piezometer	MW 8	Plugged	30-Jan-2008	PDF
Sec. 20 NW NW NW	Estfan LLC	23 ft.	17.16 ft.		Monitoring well/observation/piezometer	MW 6	Constructed	10-Jan-2008	PDF
Sec. 20 NE NE NE	KDHE BER	20.05 ft.	15.32 ft.		Monitoring well/observation/piezometer	MW 11	Plugged	30-Jan-2008	PDF
Sec. 20 NE NE NE	KDHE BER	20.07 ft.	15.5 ft.		Monitoring well/observation/piezometer	MW 10	Plugged	30-Jan-2008	PDF
Sec. 20 SE SE SE	T and B Corporation	22.2 ft.	14.7 ft.		Monitoring well/observation/piezometer	MW 9	Constructed	19-Aug-2004	PDF
Sec. 20 NW NW SW	Estfan LLC	23 ft.	16.7 ft.		Monitoring well/observation/piezometer	MW 8	Constructed	10-Jan-2008	PDF
Sec. 20 NE NE	KDHE BER	20.1 ft.	14.3 ft.		Monitoring well/observation/piezometer	MW 4	Plugged	30-Jan-2008	PDF

NE									

View page: 1 || 2 || **3** || 4 || 5 || 6 || 7 || 8

KGS Hydrology | Water Well Database Query

Township: 27S, Range: 1E, Section: 20

Select location of well to view details.

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View page: 1 || 2 || 3 || **4** || 5 || 6 || 7 || 8

T-R-S	Owner	Well Depth Ascend. Desc.	Static Water Level Ascend. Desc.	Est. Yield Ascend. Desc.	**Well Use**	Other ID	Action Taken	Completion Date Ascend. Desc.	Scan?
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Monitoring well/observation/piezometer	AS 4	Constructed	28-Dec-2007	PDF
Sec. 20 NE NE SE	Johnson's General	15 ft.			Monitoring well/observation/piezometer	MW 4	Constructed	04-Jan-2007	PDF
Sec. 20 NE NE NE	KDHE BER	19.6 ft.	14.75 ft.		Monitoring well/observation/piezometer	MW 3	Plugged	30-Jan-2008	PDF
Sec. 20 NW NW SW	Estfan LLC	23 ft.	16.99 ft.		Monitoring well/observation/piezometer	MW 5	Constructed	10-Jan-2008	PDF
Sec. 20 SE NE NW	Westar Energy	15.5 ft.	7.28 ft.		Monitoring well/observation/piezometer	MW 7	Plugged	30-Sep-2008	PDF
Sec. 20 SE NE NW	Westar Energy	20.5 ft.	13.46 ft.		Monitoring well/observation/piezometer	MW 5	Plugged	30-Sep-2008	PDF
Sec. 20 NW NW SW	Estfan LLC	23 ft.	16.91 ft.		Monitoring well/observation/piezometer	MW 9	Constructed	20-Jan-2009	PDF
Sec. 20 SE NE	Westar Energy	20.5 ft.	11.91 ft.		Monitoring	MW 9	Plugged	30-Sep-	PDF

NW					well/observation/piezometer			2008	
Sec. 20 SE NE NW	Westar Energy	20.5 ft.	12.77 ft.		Monitoring well/observation/piezometer	MW 8	Plugged	30-Sep-2008	PDF
Sec. 20 SE NE NW	Westar Energy	20.5 ft.	13.68 ft.		Monitoring well/observation/piezometer	MW 3	Plugged	30-Sep-2008	PDF
Sec. 20 NW NW SW	Estfan LLC	25 ft.	16.99 ft.		Monitoring well/observation/piezometer	MW 13	Constructed	21-Jan-2009	PDF
Sec. 20 SE SE SE	T and B Corporation	30 ft.			Monitoring well/observation/piezometer	OB 1	Constructed	19-Sep-2008	PDF
Sec. 20 NW NW SW	Estfan LLC	24.5 ft.	16.15 ft.		Monitoring well/observation/piezometer	MW 12	Constructed	21-Jan-2009	PDF
Sec. 20 NW NW SW	Estfan LLC	25 ft.			Monitoring well/observation/piezometer	OBW 1	Constructed	09-Nov-2009	PDF
Sec. 20 SE SE SE	T and B Corporation	21.5 ft.	17.5 ft.		Monitoring well/observation/piezometer	MW 4	Plugged	30-Nov-2010	PDF
Sec. 20 SE SE SE	T and B Corporation	21.84 ft.	17.48 ft.		Monitoring well/observation/piezometer	MW 9	Plugged	30-Nov-2010	PDF
Sec. 20 SE SW NW	Ryder Truck Rental	25 ft.	20 ft.		Monitoring well/observation/piezometer		Plugged	24-Nov-1993	
Sec. 20 SE SE SE	Amoco Oil Co.	24 ft.	17 ft.		Monitoring well/observation/piezometer	MW 4	Constructed	09-Jan-1992	PDF
Sec. 20 NENESE	STATE OF KANSAS	35 ft.	14 ft.	10 gpm.	Monitoring well/observation/piezometer		Constructed	25-May-1993	
Sec. 20	COLEMAN	35 ft.	16 ft.		Monitoring		Constructed	06-Sep-	

NENESE	COMPANY				well/observation/piezometer			1989	
Sec. 20 NESWSE	City of Wichita	44 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	28-Aug-1990	
Sec. 20 NWNWSE	EXECUTIVE MANOR	24 ft.	19 ft.		Monitoring well/observation/piezometer		Constructed	19-Sep-1988	
Sec. 20 NE NE NE	City of Wichita	23.28 ft.			Monitoring well/observation/piezometer	NMW 25S	Constructed	24-Jan-2001	Scan
Sec. 20 SW SE SE	Wayne & Dale Tull	25 ft.	17.48 ft.		Monitoring well/observation/piezometer	MW 2	Constructed	11-Jan-2000	Scan
Sec. 20 SW SE SE	City of Wichita	36.56 ft.			Monitoring well/observation/piezometer	MW 550A	Constructed	03-Mar-2002	Scan
Sec. 20 NW SE SE	Wayne & Dale Tull	25 ft.	15.39 ft.		Monitoring well/observation/piezometer	MW 3	Plugged	19-Mar-2003	Scan
Sec. 20 NW SE SE	Wayne & Dale Tull	25 ft.	15.23 ft.		Monitoring well/observation/piezometer	MW 5	Plugged	19-Mar-2003	Scan
Sec. 20 NW SE SE	City of Wichita	42 ft.	8 ft.		Monitoring well/observation/piezometer	MW 14	Plugged	08-Apr-2005	PDF
Sec. 20 SE SE SE	T and B Corporation	21.8 ft.	15 ft.		Monitoring well/observation/piezometer	MW 7	Constructed	18-Aug-2004	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	23 ft.	16.82 ft.		Monitoring well/observation/piezometer	MW 8	Constructed	21-May-2004	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	21 ft.	15.49 ft.		Monitoring well/observation/piezometer	MW 1	Constructed	20-May-2004	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	23.5 ft.	16.83 ft.		Monitoring well/observation/piezometer	MW 11	Constructed	22-May-2004	PDF
Sec. 20 NW NW	Ludeman Insulation	23 ft.	16.14 ft.		Monitoring	MW 3	Constructed	20-May-	PDF

SW	and Supply				well/observation/piezometer			2004	
Sec. 20 NW NW SW	Ludeman Insulation and Supply	23 ft.	16.44 ft.		Monitoring well/observation/piezometer	MW 6	Constructed	21-May-2004	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	23.5 ft.			Monitoring well/observation/piezometer	MW 9	Plugged	23-Feb-2006	PDF
Sec. 20 NE NE NE	Steven Enterprises, LLC	20.1 ft.	16.38 ft.		Monitoring well/observation/piezometer	MW 8	Constructed	30-Sep-2005	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	23.5 ft.			Monitoring well/observation/piezometer	MW 11	Plugged	24-Feb-2006	PDF
Sec. 20 NW NW SW	Ludeman Insulation and Supply	23 ft.			Monitoring well/observation/piezometer	MW 3	Plugged	23-Feb-2006	PDF
Sec. 20 NE NE NE	Steven Enterprises, LLC	21.84 ft.	16.43 ft.		Monitoring well/observation/piezometer	MW 9	Constructed	30-Sep-2005	PDF
Sec. 20 NW NW SW	QuikTrip Corporation	28.91 ft.	19 ft.		Monitoring well/observation/piezometer	MW 8	Plugged	28-Jun-2006	PDF
Sec. 20 SE NE NW	Westar Energy	20.5 ft.	14.18 ft.		Monitoring well/observation/piezometer	MW 4	Constructed	04-Apr-2007	PDF
Sec. 20 SE NE NW	Westar Energy	15.5 ft.	8.6 ft.		Monitoring well/observation/piezometer	MW 7	Constructed	03-Apr-2007	PDF
Sec. 20 NW NW SW	Estfan LLC	23 ft.	17.65 ft.		Monitoring well/observation/piezometer	MW 7	Constructed	10-Jan-2008	PDF
Sec. 20					Monitoring			10-Jan-	

NW NW SW	Estfan LLC	23 ft.	17.55 ft.		well/observation/piezometer	MW 4	Constructed	2008	PDF
Sec. 20 NW NW SW	Estfan LLC	23 ft.	17.5 ft.		Monitoring well/observation/piezometer	MW 2	Constructed	10-Jan-2008	PDF
Sec. 20 NW NW SW	Estfan LLC	24 ft.	16.97 ft.		Monitoring well/observation/piezometer	MW 11	Constructed	20-Jan-2009	PDF
Sec. 20 NW NW SW	Estfan LLC	24 ft.	16.71 ft.		Monitoring well/observation/piezometer	MW 10	Constructed	20-Jan-2009	PDF
Sec. 20 SE NE NW	Westar Energy	20.5 ft.	12.98 ft.		Monitoring well/observation/piezometer	MW 2	Plugged	30-Sep-2008	PDF
Sec. 20 SE NE NW	Westar Energy	20.5 ft.	12.65 ft.		Monitoring well/observation/piezometer	MW 4	Plugged	30-Sep-2008	PDF
Sec. 20 SE NE NW	Westar Energy	14 ft.	5.6 ft.		Monitoring well/observation/piezometer	MW 6	Plugged	30-Sep-2008	PDF

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KGS Hydrology | Water Well Database Query

Township: 27S, Range: 1E, Section: 20

Select location of well to view details.

Click on column heading to sort.

Save Data to File

381 records. Only 50 records displayed at a time--sort will affect ALL records. (Sort on Well Use is NOT alphabetial--wells are grouped by use code.)

View page: 1 || 2 || 3 || 4 || **5** || 6 || 7 || 8

T-R-S	Owner	Well Depth Ascend. Desc.	Static Water Level Ascend. Desc.	Est. Yield Ascend. Desc.	**Well Use**	Other ID	Action Taken	Completion Date Ascend. Desc.	Scan?
Sec. 20 SE NE NW	Westar Energy	20.5 ft.	12.56 ft.		Monitoring well/observation/piezometer	MW 1	Plugged	30-Sep-2008	PDF
Sec. 20 NW NW SW	Estfan LLC	20 ft.			Monitoring well/observation/piezometer	SVE 1	Constructed	09-Nov-2009	PDF
Sec. 20 NE SE SE	Dale Tull	25 ft.	14.96 ft.		Monitoring well/observation/piezometer	MW 1	Plugged	19-Mar-2003	Scan
Sec. 20 NW SE SE	Wayne & Dale Tull	25 ft.	14.25 ft.		Monitoring well/observation/piezometer	MW 8	Plugged	19-Mar-2003	Scan
Sec. 20 NW SE SE	Wayne & Dale Tull	25 ft.	15.13 ft.		Monitoring well/observation/piezometer	MW 9	Plugged	19-Mar-2003	Scan
Sec. 20 SW SE SE	Wayne & Dale Tull	20 ft.	18.4 ft.		Monitoring well/observation/piezometer	MW 6	Plugged	07-Jan-1999	Scan
Sec. 20 NE NE NE	KDHE BER	20.31 ft.	15.37 ft.		Monitoring well/observation/piezometer	MW 1	Plugged	30-Jan-2008	PDF
Sec. 20 NE NE NE	KDHE BER	20.27 ft.	15.1 ft.		Monitoring well/observation/piezometer	MW 6	Plugged	30-Jan-2008	PDF
Sec. 20 NE NE NE	KDHE BER	20.3 ft.	14.78 ft.		Monitoring well/observation/piezometer	MW 5	Plugged	30-Jan-2008	PDF

Sec. 20 SE SE SE	Kansas Dept. of Health and Environment	22.025 ft.	15.575 ft.		Monitoring well/observation/piezometer		Constructed	18-Apr-1990	PDF
Sec. 20 SE SE SE	Kansas Dept. of Health and Environment	38.075 ft.	15.475 ft.		Monitoring well/observation/piezometer		Constructed	18-Apr-1990	PDF
Sec. 20 SW SE SE	Wayne & Dale Tull	70 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	12-Apr-1994	Scan
Sec. 20 SW SE SE	Wayne & Dale Tull	20 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	12-Apr-1994	Scan
Sec. 20 SW SE SE	Wayne & Dale Tull	20 ft.	16 ft.		Monitoring well/observation/piezometer		Constructed	12-Apr-1994	Scan
Sec. 20 SW SE SE	Wayne & Dale Tull	20 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	12-Apr-1994	Scan
Sec. 20 SW SE SE	Wayne & Dale Tull	20 ft.	14 ft.		Monitoring well/observation/piezometer		Constructed	12-Apr-1994	Scan
Sec. 20 SE SE SE	Amoco Oil Co.	23 ft.	14.8 ft.		Monitoring well/observation/piezometer	MW 11	Constructed	11-May-1995	PDF
Sec. 20 SE SE SE	Amoco Oil Co.	23 ft.	14.81 ft.		Monitoring well/observation/piezometer	MW 16	Constructed	12-May-1995	PDF
Sec. 20 SE SE SE	Amoco Oil Co.	23 ft.	14.86 ft.		Monitoring well/observation/piezometer	MW 13	Constructed	12-May-1995	PDF
Sec. 20 SE SE SE	Amoco Oil Co.	21.5 ft.	13.2 ft.		Monitoring well/observation/piezometer	MW 20	Constructed	03-Jan-1996	PDF
Sec. 20 NESENE	COLEMAN COMPANY	35 ft.	16 ft.		Monitoring well/observation/piezometer		Constructed	10-Oct-1989	
Sec. 20 NENENE	MORRISON	25 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	07-Jan-1991	
Sec. 20 SE SE SE	Amoco Oil Co.	24 ft.	17 ft.		Monitoring well/observation/piezometer	MW 5	Constructed	09-Jan-1992	PDF
Sec. 20 SE NE NE	Excel Corp.	25 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	28-Sep-1992	

Sec. 20 SENENE	EXCEL CORP.	39 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	28-Sep-1992	
Sec. 20 NESWSE	City of Wichita	42 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	28-Aug-1990	
Sec. 20 NWNWSE	EXEC MANOR WICH	25 ft.	18 ft.		Monitoring well/observation/piezometer		Constructed	08-Dec-1987	
Sec. 20 NWNWSE	EXECUTIVE MANOR	25 ft.	19 ft.		Monitoring well/observation/piezometer		Constructed	13-Mar-1988	
Sec. 20 NWNWSE	EXECUTIVE MANOR	24 ft.	19 ft.		Monitoring well/observation/piezometer		Constructed	08-Mar-1988	
Sec. 20 SENENE	EXEL CORP.	25 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	28-Sep-1992	
Sec. 20 SENENE	EXCEL CORP	38 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	28-Sep-1992	
Sec. 20 SE SE SE	Amoco Oil Co.	24 ft.	17 ft.		Monitoring well/observation/piezometer		Constructed	09-Jan-1992	PDF
Sec. 20 NENESE	STATE OF KANSAS	38 ft.	18 ft.	10 gpm.	Monitoring well/observation/piezometer		Constructed	25-May-1993	
Sec. 20 NENESE	STATE OF KANSAS	35 ft.	17 ft.	10 gpm.	Monitoring well/observation/piezometer		Constructed	24-May-1993	
Sec. 20 NENESE	STATE OF KANSAS	38 ft.	18 ft.	10 gpm.	Monitoring well/observation/piezometer		Constructed	25-May-1993	
Sec. 20 NWNWSE	EXECUTIVE MANOR	25 ft.	18 ft.		Monitoring well/observation/piezometer		Constructed	01-Mar-1989	
Sec. 20 SENWSE	COLEMAN COMPANY	36 ft.	17 ft.		Monitoring well/observation/piezometer		Constructed	06-Sep-1989	
Sec. 20 SW NW NW	Phillips Petroleum Co.	29.53 ft.	17.4 ft.		Monitoring well/observation/piezometer	MW 1	Constructed	17-Sep-1991	PDF

Sec. 20 SE SE SE	Amoco Oil Co.	23.5 ft.	14.21 ft.		Monitoring well/observation/piezometer	MW 12	Constructed	12-May-1995	PDF
Sec. 20 SE SE SE	Amoco Oil Co.	24 ft.	17 ft.		Monitoring well/observation/piezometer	MW 1	Constructed	09-Jan-1992	PDF
Sec. 20 NWNESE	City of Wichita	35 ft.	0 ft.		Monitoring well/observation/piezometer		Constructed	15-Dec-1991	
Sec. 20 NWNWSE	EXECUTIVE MANOR	24 ft.	18 ft.		Monitoring well/observation/piezometer		Constructed	08-Mar-1988	
Sec. 20 SW SE SE	Wayne & Dale Tull	20 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	12-Apr-1994	Scan
Sec. 20 NWNWSE	EXEC MANOR WICH	25 ft.	18 ft.		Monitoring well/observation/piezometer		Constructed	08-Dec-1987	
Sec. 20 NWSESE	CRISER	20 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	12-Apr-1994	
Sec. 20 NWSESE	CRISER	20 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	12-Apr-1994	
Sec. 20 NWSESE	CRISER	20 ft.	15 ft.		Monitoring well/observation/piezometer		Constructed	12-Apr-1994	
Sec. 20 NWNENW	BARCLAY SQUARE	41 ft.	15.99 ft.		Monitoring well/observation/piezometer		Constructed	09-Sep-1996	
Sec. 20 NWNENW	BARCLAY SQUARE	40.5 ft.	0 ft.		Monitoring well/observation/piezometer		Constructed	09-Sep-1996	
Sec. 20 SE SW NE	KDHE-BER	24.55 ft.	22.14 ft.		Monitoring well/observation/piezometer	MW 3	Plugged	22-Oct-2012	PDF

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Data added continuously.

KGS Hydrology | Water Well Database Query

Township: 27S, Range: 1E, Section: 20

Select location of well to view details.

Click on column heading to sort.

Save Data to File

381 records. Only 50 records displayed at a time--sort will affect ALL records. (Sort on Well Use is NOT alphabetial--wells are grouped by use code.)

View page: 1 || 2 || 3 || 4 || 5 || **6** || 7 || 8

T-R-S	Owner	Well Depth Ascend. Desc.	Static Water Level Ascend. Desc.	Est. Yield Ascend. Desc.	**Well Use**	Other ID	Action Taken	Completion Date Ascend. Desc.	Scan?
Sec. 20 SE SW NE	KDHE-BER	24.92 ft.	21.7 ft.		Monitoring well/observation/piezometer	MW 9	Plugged	22-Oct-2012	PDF
Sec. 20 NE SE NE	Kiser, Inc.	25 ft.			Monitoring well/observation/piezometer	MW 2	Constructed	03-Dec-2013	PDF
Sec. 20 NE SE NE	Kiser, Inc.	25 ft.			Monitoring well/observation/piezometer	MW 7	Constructed	03-Dec-2013	PDF
Sec. 20 NE SE NE	Kiser, Inc.	25 ft.			Monitoring well/observation/piezometer	MW 8	Constructed	03-Dec-2013	PDF
Sec. 20 NE SE NE	Kiser, Inc.	25 ft.			Monitoring well/observation/piezometer	MW 5	Constructed	03-Dec-2013	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	23 ft.			Monitoring well/observation/piezometer	EXMW 1	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	25 ft.			Monitoring well/observation/piezometer	MW 1	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	25 ft.			Monitoring well/observation/piezometer	MW 2	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	25 ft.			Monitoring well/observation/piezometer	MW 5	Plugged	08-Apr-2014	PDF

Sec. 20 NE SE NE	The Coleman Company	33.72 ft.	16.03 ft.		Monitoring well/observation/piezometer	MW 122 D	Plugged	10-Jun-2014	PDF
Sec. 20 NE SE NE	The Coleman Company	24.31 ft.	16.06 ft.		Monitoring well/observation/piezometer	MW 122 S	Plugged	10-Jun-2014	PDF
Sec. 20 SE NE SE	The Coleman Company	39.04 ft.	15.74 ft.		Monitoring well/observation/piezometer	MW 133 D	Plugged	10-Jun-2014	PDF
Sec. 20 SE NE SE	The Coleman Company	21.96 ft.	15.75 ft.		Monitoring well/observation/piezometer	MW 133 S	Plugged	10-Jun-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	25 ft.			Monitoring well/observation/piezometer	MW 3	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	25 ft.			Monitoring well/observation/piezometer	MW 4	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	25 ft.			Monitoring well/observation/piezometer	MW 6	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	BP Products North America	23 ft.			Monitoring well/observation/piezometer	AMW 13	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	BP Products North America	23 ft.			Monitoring well/observation/piezometer	AMW 15	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	BP Products North America	23 ft.			Monitoring well/observation/piezometer	AMW 16	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	BP Products North America	23 ft.			Monitoring well/observation/piezometer	AMW 18	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	BP Products North America	21 ft.			Monitoring well/observation/piezometer	AMW 20	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	BP Products North America	23 ft.			Monitoring well/observation/piezometer	AMW 12	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	BP Products North America	23 ft.			Monitoring well/observation/piezometer	AMW 11	Plugged	08-Apr-2014	PDF
	QuikTrip				Monitoring			16-Jul-	

Sec. 20 SE SE SE	Corporation	25 ft.	18.06 ft.		well/observation/piezometer	MW 1	Constructed	1998	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	25 ft.	18.02 ft.		Monitoring well/observation/piezometer	MW 2	Constructed	16-Jul-1998	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	25 ft.	17.5 ft.		Monitoring well/observation/piezometer	MW 3	Constructed	16-Jul-1998	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	25 ft.	17.07 ft.		Monitoring well/observation/piezometer	MW 4	Constructed	16-Jul-1998	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	25 ft.	17.2 ft.		Monitoring well/observation/piezometer	MW 5	Constructed	17-Jul-1998	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	25 ft.	17.25 ft.		Monitoring well/observation/piezometer	MW 6	Constructed	17-Jul-1998	PDF
Sec. 20 SE SE SE	BP Products North America	25 ft.			Monitoring well/observation/piezometer	AMW 3	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	BP Products North America	25 ft.			Monitoring well/observation/piezometer	AMW 4	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	BP Products North America	25 ft.			Monitoring well/observation/piezometer	AMW 5	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	BP Products North America	25 ft.			Monitoring well/observation/piezometer	AMW 8	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	BP Products North America	25 ft.			Monitoring well/observation/piezometer	AMW 9	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	BP Products North America	23 ft.			Monitoring well/observation/piezometer	AMW 10	Plugged	08-Apr-2014	PDF
Sec. 20 SE NW SE	The Coleman Company	36.96 ft.	16.26 ft.		Monitoring well/observation/piezometer	MW 117 D	Plugged	10-Jun-2014	PDF
Sec. 20 SE NW	The Coleman Company	19.75 ft.	16.27 ft.		Monitoring well/observation/piezometer	MW 117 S	Plugged	10-Jun-2014	PDF

SE									
Sec. 20 NW SE SE SE	T&B Corporation	21.72 ft.	16.26 ft.		Monitoring well/observation/piezometer	MW-2	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 NW SE SE SE	T&B Corporation	21.52 ft.	15.31 ft.		Monitoring well/observation/piezometer	MW-6	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 SE SW NE	Union Pacific Railroad Co	26.76 ft.	20.69 ft.		Monitoring well/observation/piezometer	BMW 1	Constructed	10-Nov-2014	PDF
Sec. 20 SE SW NE	Union Pacific Railroad Co	26.84 ft.	22.17 ft.		Monitoring well/observation/piezometer	BMW 2	Constructed	10-Nov-2014	PDF
Sec. 20 SE SW NE	Union Pacific Railroad Co	27.8 ft.	21.3 ft.		Monitoring well/observation/piezometer	BMW 3	Constructed	11-Nov-2014	PDF
Sec. 20 SE SW NE	Union Pacific Railroad Co	27.8 ft.	21.61 ft.		Monitoring well/observation/piezometer	BMW 4	Constructed	11-Nov-2014	PDF
Sec. 20 SE NE SE NE	Kiser, Inc	22 ft.	16.12 ft.		Monitoring well/observation/piezometer	MW 12	Constructed	29-Sep-2014	PDF
Sec. 20 SE NE SE NE	Kiser, Inc	22 ft.	16.36 ft.		Monitoring well/observation/piezometer	MW 13	Constructed	29-Sep-2014	PDF
Sec. 20 NW SE SE SE	T&B Corporation	21.19 ft.	15.25 ft.		Monitoring well/observation/piezometer	MW-1	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 NW SE SE SE	T&B Corporation	21.65 ft.	15.96 ft.		Monitoring well/observation/piezometer	MW-3	Plugged	16-Sep-2015	KOLAR PDF

Sec. 20 NW SE SE SE	T&B Corporation	21.3 ft.	15.26 ft.		Monitoring well/observation/piezometer	MW-5	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 SW SE SE SE	T&B Corporation	21.5 ft.	15.28 ft.		Monitoring well/observation/piezometer	MW-8	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.	16.1 ft.		Injection well/air sparge (AS)/shallow	AS 5	Constructed	28-Dec-2007	PDF
View page: 1 || 2 || 3 || 4 || 5 || **6** || 7 || 8									

KGS Hydrology | Water Well Database Query

Township: 27S, Range: 1E, Section: 20

Select location of well to view details.

Click on column heading to sort.

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View page: 1 || 2 || 3 || 4 || 5 || 6 || **7** || 8

T-R-S	Owner	Well Depth Ascend. Desc.	Static Water Level Ascend. Desc.	Est. Yield Ascend. Desc.	**Well Use**	Other ID	Action Taken	Completion Date Ascend. Desc.	Scan?
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Injection well/air sparge (AS)/shallow	AS 11	Constructed	09-Jan-2008	PDF
Sec. 20 NW NW SW	Estfan LLC	30 ft.			Injection well/air sparge (AS)/shallow	AS 1	Constructed	29-Dec-2009	PDF
Sec. 20 NW NW SW	Estfan LLC	30 ft.			Injection well/air sparge (AS)/shallow	AS 5	Constructed	29-Dec-2009	PDF
Sec. 20 NW NW SW	Estfan LLC	30 ft.			Injection well/air sparge (AS)/shallow	AS 2	Constructed	28-Dec-2009	PDF
Sec. 20 NW NW SW	Estfan LLC	30 ft.			Injection well/air sparge (AS)/shallow	AS 6	Constructed	29-Dec-2009	PDF
Sec. 20 SE SE SE	T and B Corporation	32.5 ft.			Injection well/air sparge (AS)/shallow	AS 4	Constructed	19-Sep-2008	PDF
Sec. 20 SE SE SE	T and B Corporation	32.5 ft.			Injection well/air sparge (AS)/shallow	AS 3	Constructed	19-Sep-2008	PDF
Sec. 20	T and B				Injection well/air sparge			19-Sep-	

SE SE SE	Corporation	32.5 ft.			(AS)/shallow	AS 8	Constructed	2008	PDF
Sec. 20 SE SE SE	T and B Corporation	32.5 ft.			Injection well/air sparge (AS)/shallow	AS 11	Constructed	19-Sep-2008	PDF
Sec. 20 SE SE SE	T and B Corporation	32.5 ft.			Injection well/air sparge (AS)/shallow	AS 10	Constructed	19-Sep-2008	PDF
Sec. 20 SE SE SE	T and B Corporation	32.5 ft.			Injection well/air sparge (AS)/shallow	AS 7	Constructed	19-Sep-2008	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Injection well/air sparge (AS)/shallow	AS 10	Constructed	08-Jan-2008	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Injection well/air sparge (AS)/shallow	AS 3	Constructed	27-Dec-2007	PDF
Sec. 20 NW NW SW	Estfan LLC	30 ft.			Injection well/air sparge (AS)/shallow	AS 4	Constructed	29-Dec-2009	PDF
Sec. 20 NW NW SW	Estfan LLC	30 ft.			Injection well/air sparge (AS)/shallow	AS 10	Constructed	30-Dec-2009	PDF
Sec. 20 NW NW SW	Estfan LLC	30 ft.			Injection well/air sparge (AS)/shallow	AS 3	Constructed	28-Dec-2009	PDF
Sec. 20 NW NW SW	Estfan LLC	30 ft.			Injection well/air sparge (AS)/shallow	AS 8	Constructed	30-Dec-2009	PDF
Sec. 20 NW NW SW	Estfan LLC	30 ft.			Injection well/air sparge (AS)/shallow	AS 7	Constructed	29-Dec-2009	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.	16.5 ft.		Injection well/air sparge (AS)/shallow	AS 6	Constructed	27-Dec-2007	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Injection well/air sparge (AS)/shallow	AS 12	Constructed	09-Jan-2008	PDF

Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.	17.94 ft.		Injection well/air sparge (AS)/shallow	AS 8	Constructed	08-Jan-2008	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Injection well/air sparge (AS)/shallow	AS 9	Constructed	08-Jan-2008	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Injection well/air sparge (AS)/shallow	AS 1	Constructed	27-Dec-2007	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Injection well/air sparge (AS)/shallow	AS 2	Constructed	27-Dec-2007	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Injection well/air sparge (AS)/shallow	AS 7	Constructed	27-Dec-2007	PDF
Sec. 20 SE SE SE	T and B Corporation	32.5 ft.			Injection well/air sparge (AS)/shallow	AS 1	Constructed	19-Sep-2008	PDF
Sec. 20 SE SE SE	T and B Corporation	32.5 ft.			Injection well/air sparge (AS)/shallow	AS 2	Constructed	19-Sep-2008	PDF
Sec. 20 SE SE SE	T and B Corporation	32.5 ft.			Injection well/air sparge (AS)/shallow	AS 6	Constructed	19-Sep-2008	PDF
Sec. 20 SE SE SE	T and B Corporation	32.5 ft.			Injection well/air sparge (AS)/shallow	AS 5	Constructed	19-Sep-2008	PDF
Sec. 20 SE SE SE	T and B Corporation	32.5 ft.			Injection well/air sparge (AS)/shallow	AS 9	Constructed	19-Sep-2008	PDF
Sec. 20 SE SE SE	T and B Corporation	32.5 ft.			Injection well/air sparge (AS)/shallow	AS 12	Constructed	19-Sep-2008	PDF
Sec. 20 NW NW SW	Estfan LLC	30 ft.			Injection well/air sparge (AS)/shallow	AS 12	Constructed	30-Dec-2009	PDF
Sec. 20 NW NW SW	Estfan LLC	30 ft.			Injection well/air sparge (AS)/shallow	AS 11	Constructed	30-Dec-2009	PDF
Sec. 20					Injection well/air sparge			30-Dec-	

NW NW SW	Estfan LLC	30 ft.			(AS)/shallow	AS 9	Constructed	2009	PDF
Sec. 20 NW SE SE SE	T&B Corporation	22.25 ft.	16.3 ft.		Other	SVE-4	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 NW SE SE SE	T&B Corporation	32.1 ft.	15.4 ft.		Other	AS-10	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 NW SE SE SE	T&B Corporation	31.6 ft.	15.79 ft.		Other	AS-4	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 NW SE SE SE	T&B Corporation	32.25 ft.	16.37 ft.		Other	AS-1	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 NW SE SE SE	T&B Corporation	22.57 ft.	15.65 ft.		Other	SVE-3	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 NW SE SE SE	T&B Corporation	32.17 ft.	16.3 ft.		Other	AS-2	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 NW SE SE SE	T&B Corporation	31.8 ft.	14.9 ft.		Other	AS-11	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 NW SE SE SE	T&B Corporation	32.05 ft.	15.55 ft.		Other	AS-7	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 NW SE SE SE	T&B Corporation	30.1 ft.	14.92 ft.		Other	OB-1	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 NW SE SE	T&B Corporation	32.04 ft.	15.75 ft.		Other	AS-8	Plugged	16-Sep-2015	KOLAR PDF

SE									
Sec. 20 NW SE SE SE	T&B Corporation	31.85 ft.	15.1 ft.		Other	AS-12	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 NW SE SE SE	T&B Corporation	32.25 ft.	15.59 ft.		Other	AS-9	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 SENENW	City of Wichita	41 ft.	17 ft.		Other		Plugged	26-Apr-1991	
Sec. 20 NW SE SE SE	T&B Corporation	32.17 ft.	14.94 ft.		Other	AS-6	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 NW SE SE SE	T&B Corporation	18.96 ft.	14.95 ft.		Other	SVE-1	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 NW SE SE SE	T&B Corporation	32.15 ft.	15.26 ft.		Other	AS-5	Plugged	16-Sep-2015	KOLAR PDF

View page: 1 || 2 || 3 || 4 || 5 || 6 || **7** || 8

KGS Hydrology | Water Well Database Query

Township: 27S, Range: 1E, Section: 20
Select location of well to view details.
Click on column heading to sort.

Save Data to File

381 records. Only 50 records displayed at a time--sort will affect ALL records. (Sort on Well Use is NOT alphabetial--wells are grouped by use code.)

View page: 1 || 2 || 3 || 4 || 5 || 6 || 7 || **8**

T-R-S	Owner	Well Depth Ascend. Desc.	Static Water Level Ascend. Desc.	Est. Yield Ascend. Desc.	**Well Use**	Other ID	Action Taken	Completion Date Ascend. Desc.	Scan?
Sec. 20 NW SE SE SE	T&B Corporation	22.26 ft.	15.49 ft.		Other	SVE-2	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 NW SE SE SE	T&B Corporation	13.2 ft.	10.85 ft.		Other	AS-3	Plugged	16-Sep-2015	KOLAR PDF
Sec. 20 SE SE SE	QuikTrip Corporation	16 ft.			Recovery/Soil Vapor Extraction/Soil Vent	SVE 3	Constructed	27-Dec-2007	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	16 ft.			Recovery/Soil Vapor Extraction/Soil Vent	SVE 4	Constructed	08-Jan-2008	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	16 ft.			Recovery/Soil Vapor Extraction/Soil Vent	SVE 5	Constructed	09-Jan-2008	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	16 ft.			Recovery/Soil Vapor Extraction/Soil Vent	SVE 1	Constructed	26-Dec-2007	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	16 ft.			Recovery/Soil Vapor Extraction/Soil Vent	SVE 2	Constructed	26-Dec-2007	PDF
Sec. 20 SE SE SE	T and B Corporation	23 ft.			Recovery/Soil Vapor Extraction/Soil Vent	SVE 4	Constructed	19-Sep-2008	PDF
Sec. 20	T and B				Recovery/Soil Vapor Extraction/Soil	SVE		19-Sep-	

SE SE SE	Corporation	23 ft.			Vent	2	Constructed	2008	PDF
Sec. 20 SE SE SE	T and B Corporation	23 ft.			Recovery/Soil Vapor Extraction/Soil Vent	SVE 3	Constructed	19-Sep-2008	PDF
Sec. 20 NW NW SW	Estfan LLC	20 ft.			Recovery/Soil Vapor Extraction/Soil Vent	SVE 2	Constructed	31-Dec-2009	PDF
Sec. 20 NW NW SW	Estfan LLC	20 ft.			Recovery/Soil Vapor Extraction/Soil Vent	SVE 3	Constructed	31-Dec-2009	PDF
Sec. 20 SE SE SE	T and B Corporation	20 ft.			Recovery/Soil Vapor Extraction/Soil Vent	SVE 1	Constructed	24-Jun-2008	PDF
Sec. 20 NE SE SW SW	Plaza Real Estate				(unstated)/abandoned		Plugged	03-Jan-2007	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Environmental Remediation, Air Sparge	AS 11	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Environmental Remediation, Air Sparge	AS 11	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Environmental Remediation, Air Sparge	AS 10	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Environmental Remediation, Air Sparge	AS 9	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Environmental Remediation, Air Sparge	AS 8	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Environmental Remediation, Air Sparge	AS 7	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Environmental Remediation, Air Sparge	AS 6	Plugged	08-Apr-2014	PDF

Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Environmental Remediation, Air Sparge	AS 1	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Environmental Remediation, Air Sparge	AS 2	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Environmental Remediation, Air Sparge	AS 3	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Environmental Remediation, Air Sparge	AS 4	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	28 ft.			Environmental Remediation, Air Sparge	AS 5	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	16 ft.			Environmental Remediation, Soil Vapor Extraction	SVE 4	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	16 ft.			Environmental Remediation, Soil Vapor Extraction	SVE 5	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	16 ft.			Environmental Remediation, Soil Vapor Extraction	SVE 3	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	16 ft.			Environmental Remediation, Soil Vapor Extraction	SVE 2	Plugged	08-Apr-2014	PDF
Sec. 20 SE SE SE	QuikTrip Corporation	16 ft.			Environmental Remediation, Soil Vapor Extraction	SVE 1	Plugged	08-Apr-2014	PDF

View page: 1 || 2 || 3 || 4 || 5 || 6 || 7 || **8**

KGS Oil & Gas

Oil and Gas Well Database

Select location of well to view details.

Click on column heading to sort.

Save Data to File

One record found.

T-R-S	Original operator (current operator)	Well	API	Elevation Ascend. Desc.	Total Depth Ascend. Desc.	Field	Spud Date Ascend. Desc.	Plug Date Ascend. Desc.	Status ?
T27S R1E, Sec. 20, N2 NW SE	2nd Century Oil Company (unavailable)	WICHITA-CENTENNIAL 1	15-173-20044	1312 KB	1665	UNKNOWN	04-SEP-1969	30-SEP-1969	D&A Plugged and Abandoned

Kansas Geological Survey, Oil and Gas Well Database
Comments to webadmin@kgs.ku.edu
URL=http://www.kgs.ku.edu/Magellan/Qualified/index.html
Well Database Programs Updated June 6, 2014. Data added continuously.

KGS Oil & Gas | Oil and Gas Well Database

Select location of well to view details.

Click on column heading to sort.

Save Data to File

2 records returned.

T-R-S	Original operator (current operator)	Well	API	Elevation Ascend. Desc.	Total Depth Ascend. Desc.	Field	Spud Date Ascend. Desc.	Plug Date Ascend. Desc.	Status ?
T27S R1E, Sec. 19, SW SW NW SE	OneOK, Inc. dba Kansas Gas Service (Kansas Gas Service)	KGS Rect.603-2014 2	15-173-21035	1304 KB 1304 GL	180		29-MAY-2014		OTHER (CATH) Well Drilled
T27S R1E, Sec. 19, SW SW NW SE	(Kansas Gas Service)	STATION NO 603 4	15-173-20917	1303 GL	80		23-OCT-2000	28-MAY-2014	OTHER-P&A (CATH) Plugged and Abandoned

Appendix D -

Records of Communication

#	QUESTIONS	Yes		No		Unknown
		Current	*Past*	*Current*	*Past*	
1.	Has the property been used for industrial purposes?		✓	✓		
2.	Has any adjoining properties been used for industrial purposes?	✓	✓			
3.	Is/has the property been used for any of the following purposes?					
	Gasoline station			✓	✓	
	Motor repair facility			✓	✓	
	Commercial printing facility			✓	✓	
	Dry cleaners			✓	✓	
	Photo developing laboratory			✓	✓	
	Junkyard			✓	✓	
	Landfill			✓	✓	
	Waste treatment facility			✓	✓	
	Storage disposal facility			✓	✓	
	Processing facility			✓	✓	
	Recycling facility			✓	✓	
4.	Are/were there any of the following associated with the facility?					
	Damaged or discarded automotive or industrial batteries			✓		
	Pesticides			✓		
	Paints			✓		
	Other chemicals in individual containers (greater than 5 gal in volume or 50 lb in the aggregate)			✓		
	Industrial drums (typically 10 to 55 gallon)			✓		
	Sacks of chemicals			✓		
	Fill dirt been brought onto the property of unknown origin		✓	✓		
	Pits, ponds or lagoons associated with waste treatment or waste disposal			✓		
	Stained soil			✓		
	Interior staining/corrosion (not caused by water)			✓		
	Aboveground storage tanks (ASTs)			✓		
	Underground storage tanks (USTs) or associated fill pipes or vents			✓		
	Unidentified/chemical odors			✓		
5.	Have any hazardous substances, petroleum products, unidentified waste materials, tires, auto or industrial batteries or any other waste materials been dumped above grade, buried or burned on the property?			✓		

#	QUESTIONS	Yes		No		Unknown
	If yes, please explain.					
6.	Is there a private well on the property?			✓		
	Have you been notified of contamination in the groundwater/well water?			✓		
	If yes, please explain.					
7.	Does the property discharge wastewater on-site or adjacent to the property other than storm water into a sanitary sewer system?			✓		
	If yes, please explain.					
8.	Is there a transformer, capacitor or any hydraulic equipment for which there are any records indicating the presence of PCB's?			✓		
	If yes, please explain.					
9.	Do you have any knowledge relating to the property/facility or been informed regarding the following.					
	Past or recurrent violations of environmental laws?			✓	✓	
	If yes, please explain.					
	Past, threatened or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?			✓		
	If yes, please explain.					
	An environmental site assessment of the property or facility indicating the presence of hazardous substances or petroleum products contaminating the property or recommendations for further assessment?			✓		
	If yes, please explain.					

EXISTING INFORMATION (Please check all that apply to the property)

Types of Information *(please provide)*	YES	NO
Previous Environmental Site Assessment Reports	✓	
Previous Environmental Audit Reports		✓
Registrations for USTs or ASTs		✓
(Material) Safety Data Sheets		✓
Community Right-to-Know Plans		✓
Safety Plans		✓
Preparedness and Prevention Plans		✓
Spill Prevention Countermeasure and Control Plans		✓
Previous Hydrogeologic Reports for Site		✓
Notice or Correspondence from any Government Agency Regarding Environmental Violations		✓
Hazardous Waste Generator Notices or Reports		✓
Previous Geologic Studies		✓

HISTORICAL INFORMATION

1. How long have you owned/occupied the property? Northern Part 2008 South 1999
2. What do you use the property for? North - open space, south leased buildings
   If Applicable, list the occupants of the property. Ft Henry - building
   ~~Keyman~~
   If Applicable, who farms or leases the land (include phone no.) NA
3. To your knowledge, what were the historical uses of the property?
   North - Watkins Steel - ~~fab~~ steel fabrication, south rail corridor to commercial use
4. Do you have a Chain of Title for the Property? Yes / (No) If yes, please include a copy.
5. To the best of your knowledge, is the property being sold/leased at fair market value?
   Yes / No
   If No explain to be offered by RFP

SIGNATURE INFORMATION

Print Name: John Philbrick
Title: Real Estate Administrator
Firm: City of Wichita
Address: 455 N Main 67202

Phone: 268 4237 *Date:* 3/24/16
Authorized Signature:

GSI

Mr. John Philbrick
Report User Questionnaire

	QUESTIONS	ANSWERS	
		No	Yes (PLEASE EXPLAIN)
1.	*Environmental liens that are filed or recorded against the property (40 CFR 312.25).*		
	Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?	✓	
2.	*Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and (vi).*		
	Did a search of recorded land title records (or judicial records were appropriate) identify activity and use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been field or recorded against the property under federal, tribal, state or local law?	✓	
3.	*Specialized knowledge or experience of the person seeking to qualify for the landowner liability protections (LLPs) (40CFR 312.28).*		
	Do you have any specialized knowledge or experience related to the property or nearby properties? (For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?)	✓	
4.	*Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).*		
	Does the purchase price being paid for this property reasonably reflect the fair market value of the property?		to be sold by MFR
	If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	✓	
5.	*Commonly known or reasonably ascertainable information about the property (40CFR 312.20).*		
	Are you aware of commonly known or reasonably ascertainable information about the property that would help identify		Prior assessments on file with Environmental Health

GSI

Mr. John Philbrick
Report User Questionnaire

	QUESTIONS	ANSWERS	
		No	Yes *(PLEASE EXPLAIN)*
	conditions indicative of releases or threatened releases?		
6.	*The degree of obviousness of the presence or likely presence of contamination at the property and the ability to detect the contamination by appropriate investigation (40CFR 312.31).*		
	Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence, or likely presence of releases at the property?	✓	

7. Why is the Phase I ESA being performed (i.e. sale, purchase, mortgage, lease)? sale of property

8. What was the past use(s) of the property? North - steel fabricator South railroad and commercial building

9. Do you know of specific chemicals that are present or were once present the property? No
(If yes, please explain)

10. Do you know of spills or other chemical releases that have taken place at the property? No
(If yes, please explain)

11. Do you know of any environmental cleanups that have taken place at the property? No
(If yes, please explain)

SIGNATURE INFORMATION

Print Name: John Philbrick
Title: Real Estate Administrator
Firm: City of Wichita
Address: 455 N Main 67202

Phone: 268 4237 *Date:* 3/24/16
Authorized Signature:

Appendix E -

Historical Land Use Records

Delano Catalyst Site Parcel 1A
SW Corner Sycamore & Mclean
Wichita, KS 67203

Inquiry Number: 4560126.5
March 14, 2016

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2013	☑	☐	Cole Information Services
2008	☑	☐	Cole Information Services
2003	☑	☐	Cole Information Services
1999	☑	☐	Cole Information Services
1995	☑	☐	Cole Information Services
1992	☑	☐	Cole Information Services
1988	☑	☐	Polk's City Directory
1983	☑	☐	Polk's City Directory
1978	☑	☐	Polk's City Directory
1973	☑	☐	Polk's City Directory
1968	☑	☐	Polk's City Directory
1964	☑	☐	Polk's City Directory
1955	☑	☐	Polk's City Directory
1942	☑	☐	Polk's City Directory

RECORD SOURCES

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FINDINGS

TARGET PROPERTY STREET

SW Corner Sycamore & Mclean
Wichita, KS 67203

Year	CD Image	Source	
N MCLEAN BLVD			
2013	pg A1	Cole Information Services	
2008	pg A3	Cole Information Services	
2003	pg A5	Cole Information Services	
1999	pg A7	Cole Information Services	
1995	pg A9	Cole Information Services	
1992	pg A11	Cole Information Services	
1988	-	Polk's City Directory	Target and Adjoining not listed in Source
1983	-	Polk's City Directory	Target and Adjoining not listed in Source
1978	-	Polk's City Directory	Target and Adjoining not listed in Source
1973	-	Polk's City Directory	Target and Adjoining not listed in Source
1968	-	Polk's City Directory	Target and Adjoining not listed in Source
1964	-	Polk's City Directory	Target and Adjoining not listed in Source
1955	-	Polk's City Directory	Target and Adjoining not listed in Source
1942	-	Polk's City Directory	Target and Adjoining not listed in Source
N SYCAMORE ST			
2013	pg A2	Cole Information Services	
2008	pg A4	Cole Information Services	
2003	pg A6	Cole Information Services	
1999	pg A8	Cole Information Services	
1995	pg A10	Cole Information Services	
1992	pg A12	Cole Information Services	
1988	pg A13	Polk's City Directory	
1983	pg A14	Polk's City Directory	
1978	pg A15	Polk's City Directory	
1973	pg A16	Polk's City Directory	
1968	pg A17	Polk's City Directory	
1964	pg A18	Polk's City Directory	
1955	pg A19	Polk's City Directory	

FINDINGS

Year	***CD Image***	***Source***
1942	pg A20	Polk's City Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	Cole Information Services

N MCLEAN BLVD 2013

300	COUNTY OF SEDGWICK
393	NATIONAL SOCIETY OF DECORATIVE PAINT
439	DAKIN ROBERT H JR
	GOOD SHEPHERD HOSPICE
	SAVAGE & BROWNING
449	ANDREW B FLETCHER LAW OFFICE PA
	HENRY ELIZABETH L

Target Street	Cross Street	Source
✓	-	Cole Information Services

N SYCAMORE ST 2013

127 E H HENRY CO INC

Target Street	Cross Street	Source
✓	-	Cole Information Services

N MCLEAN BLVD 2008

300	EXPLORATION PLACE INC
	KSN WEATHER LAB AT EP
393	NATIONAL SOCIETY OF TOLE & DECORATIV
	SOCIETY OF DECORATIVE PAINTERS
439	GOOD SHEPHERD HOSPICE
	LEE TOBY J DDS
	ROBERT DAKIN
	SAVAGE & BROWNING INC
	SOLGATE INTERNET

Target Street	Cross Street	Source
✓	-	Cole Information Services

N SYCAMORE ST 2008

123	ALCOHOLICS ANONYMOUS PHOENIX G
127	E H HENRY CO

Target Street	Cross Street	Source
✓	-	Cole Information Services

N MCLEAN BLVD 2003

300	EXPLORATION PLACE
	KSN WEATHER LAB AT EP
	RED BEANS BAYOU GRILL
393	LIDA GROUPS
	SOCIETY OF DECORATIVE PAINTERS
439	BRUCE BRUCE & HOLT LLC
	BUCKLEY K D INSURANCE AGENT
	ELLIOTT SHAWN ATTY
	JOHNSON PETRA H ATTY
	MAURICIO GUADALAJARA
	ROBERT DAKIN
	SOLGATE MARKETING & DESIGN INC

Target Street	Cross Street	Source
✓	-	Cole Information Services

N SYCAMORE ST 2003

120	D & R FUN KARTS
	PRSTG GOLF CARS & TURF EQPMNT
	WESTSIDE AUTOMOTIVE
123	ALCOHOLICS ANONYMOUS
127	ALL SEASONS CONSTRUCTION
	EH HENRY CO

Target Street	Cross Street	Source
✓	-	Cole Information Services

N MCLEAN BLVD 1999

300	WALDINGER CORPORATION JOB SITE
393	ENSZ CLARK
	INNER AMERICA SPORTS
	LIDA GROUPS THE
	NATIONAL SOCIETY OF DECORATIVE PAINTERS
	SOCIETY OF DECORATIVE PAINTERS
	SOCIETY OF DECORATIVE PAINTERS CONVENTION LINE
439	BRUCE BRUCE & HOLT LLC
	COLUMBIAN TITLE WICHITA
	COMPREHENSIVE DURABLE MEDICALEQUIPMENT
	DAKIN ROBERT H JR DDS
	ROBERT DAKIN
	ROUDEBUSH MARC
	SOLGATE MARKETING & DESIGN INCORPORATED
	STAFF BUILDERS/COMPREHENSIVE SERVICES
	STATE FARM INSURANCE COMPANIES AGENTS
	TENNYSON D
	WHITE SUZANNE SUZIEINS

Target Street	Cross Street	Source
✓	-	Cole Information Services

N SYCAMORE ST 1999

120	BRUSH & BOARDHARDWOODS
123	ALCOHOLICSANONYMOUSCENTRAL OFFICE PHOENIX GROUP
127	HENRY E H COMPANY

Target Street	Cross Street	Source
✓	-	Cole Information Services

N MCLEAN BLVD 1995

363	CONVENTION RENTAL SVC
	PARTY KLOSET RENTAL
393	LAWYERS MARKETING COOPERATIVE
	LIDA ADVERTISING CO
407	CANTONESE CHINESE FOOD
	TRAN, LONG
419	OCCUPANT UNKNOWNN
439	BILL G MAST CPA
	COMPREHENSIVE HEALTH CARE SVC
	COMPREHENSIVE/STAFF BUILDERS
	DAKIN, ROBERT H JR
	DATA MANAGEMENT SYSTEMS INC
	DICTAPHONE CORP
	GLEN R BAKER
	KIRK MAYER
	OTTLEY, WILLIAM J
	ROBERT H DANKIN JR DDS
	SECURITY MUTUAL LIFE
	STATE FARM INSURANCE
	WHITE, SUZANNE

Target Street	Cross Street	Source
✓	-	Cole Information Services

N SYCAMORE ST 1995

120	BRUSH & BOARD HARDWOODS
121	MR DETAIL
123	ALCOHOLICS ANONYMOUS
127	E H HENRY CO

Target Street	Cross Street	Source
✓	-	Cole Information Services

N MCLEAN BLVD 1992

363	PARTY KLOSET RENTAL
	RUG DOCTOR RENTS NGHBRHD RENTAL STA
369	MCKAY OIL CO
	MCKAY WAYNE E OFC
393	LIDA ADVERTISING CO
419	HELM, GLEN
439	CONN BERKLEY INS
	DAKIN ROBT H JR DDS
	DAKIN, ROBERT H JR
	DICTAPHONE CORP
	KIRBY STAN & ASSOCS INSURANCE
	KIRK-MAYER
	MAST BILL G CHARTERED
	OTTLEY WM JOHN INS
	OTTLEY, W J
	SCOVILLE BILL INS
	SECURITY MUTUAL LIFE
	STATE FARM INS COS WHITE SUZANNE AGENT
	WHITE, SUZANNE

Target Street	Cross Street	Source
✓	-	Cole Information Services

N SYCAMORE ST 1992

120	ALL MAKES BODY PARTS
123	ALCOHOLICS ANONYMOUS PHOENIX GROUP
127	HENRY E H CO
	HENRY E H ROOFING CO
	HENRY INSULATION CO
	HENRY SIDING CO

Target Street	Cross Street	Source
✓	-	Polk's City Directory

N SYCAMORE ST 1988

37

SYCAMORE AV N –FROM 600 W
DOUGLAS AV NORTH

ZIP CODE 67203
120 Shipley Tire Inc 263-7543
121 Parker Oil Co (Ofcs) 262-5101
123 Parker Oil Co Inc wholsale oil dlr
262-5101
PACIFIC ST INTERSECTS
127 Henry E H Co roofing contr 263-3175
W 2D ST INTERSECTS

Target Street	Cross Street	Source
✓	-	Polk's City Directory

N SYCAMORE ST 1983

37

SYCAMORE AV N —FROM 600 W
DOUGLAS AV NORTH

ZIP CODE 67203
120 Weyl-Bausch Tire Co Inc 263-7543
121 S & S Automotive 264-3705
123 Parker Oil Co Inc whol oil dlr 262-5101
PACIFIC ST INTERSECTS
127 Henry E H Co roofing contr 263-3175
W 2D ST INTERSECTS

Target Street	Cross Street	Source
✓	-	Polk's City Directory

N SYCAMORE ST 1978

37

SYCAMORE AV N —FROM 600 W
DOUGLAS AV NORTH

ZIP CODE 67203
120 Weyl-Bausch Tire Co Inc 263-7543
123 Parker Oil Co Inc whol oil dlr 262-5101
PACIFIC ST BEGINS
127 Henry E H Co roofing contr 263-3175
MO PAC RR CROSSES
MV RR CROSSES
W 2D ST INTERSECTS

Target Street	Cross Street	Source
✓	-	Polk's City Directory

N SYCAMORE ST 1973

37

SYCAMORE AV —FROM 600 W DOUGLAS AV NORTH

ZIP CODE 67203
120 Weyl-Bausch Tire Inc 263-7543
121 Parker's Vickers Service No 1 262-4504
123 Parker Oil Co whol oil dlr 262-5101
PACIFIC ST BEGINS
127 Henry E H Co roofing contr 263-3175
MO PAC RR CROSSES
MV RR CROSSES
W 2D ST INTERSECTS

39

Target Street	Cross Street	Source
✓	-	Polk's City Directory

N SYCAMORE ST 1968

37

SYCAMORE AV -FROM 600 W DOUGLAS AV
NORTH

---ZIP CODE 67203
121 PARKER'S FINA SERVICE NO 1 GAS
STA AM2-4504
123 PARKER HOWARD L CO INC WHOL OIL
DLR AM2-5101
---PACIFIC ST BEGINS
127 HENRY E H CO ROOFING CONTR
F03-3175
---MO PAC RR CROSSES
---MV RR CROSSES
---W 2D ST INTERSECTS

Target Street	Cross Street	Source
✓	-	Polk's City Directory

N SYCAMORE ST 1964

37

SYCAMORE AVENUE—From 600 W Douglas av north to W 2d

116-30 Drumco Inc steel & steel products AM5-9863

A N Surplus Sales AM4-2104

121 Parker Howard L Co Inc gas sta AM2-5101

123 Parker Howard L Co Inc (whol oil) AM2-5101

127 Henry E H Co contrs FO3-3175

Pacific begins (not open)

MoPacRR crosses

W 1st intersects

MVRR crosses

W 2d intersects

Target Street	Cross Street	Source
✓	-	Polk's City Directory

N SYCAMORE ST 1955

17

SYCAMORE N — From 600

W Douglas av north to W 2d

116△Re-Con Inc barrel dlrs

121△Parker Howard L Co Inc

No 2 gas sta

127 Genl Metals Co (whse)

Pacific begins (not open)

201△Bira Roofing Co

MoPacRR crosses

W 1st intersects

MVRR crosses

W 2d intersects

Target Street	Cross Street	Source
✓	-	Polk's City Directory

N SYCAMORE ST 1942

SYCAMORE N—From 600 W Douglas av north to W 2d

116 Walker Geo E Co fuel

121 Wichita Trailer Coach Co

Bell Lewis G

127 Friend Wool & Fur Co

Pacific begins (Not open)

201 Midland Housing Co insulating matls

Mo Pac RR crosses

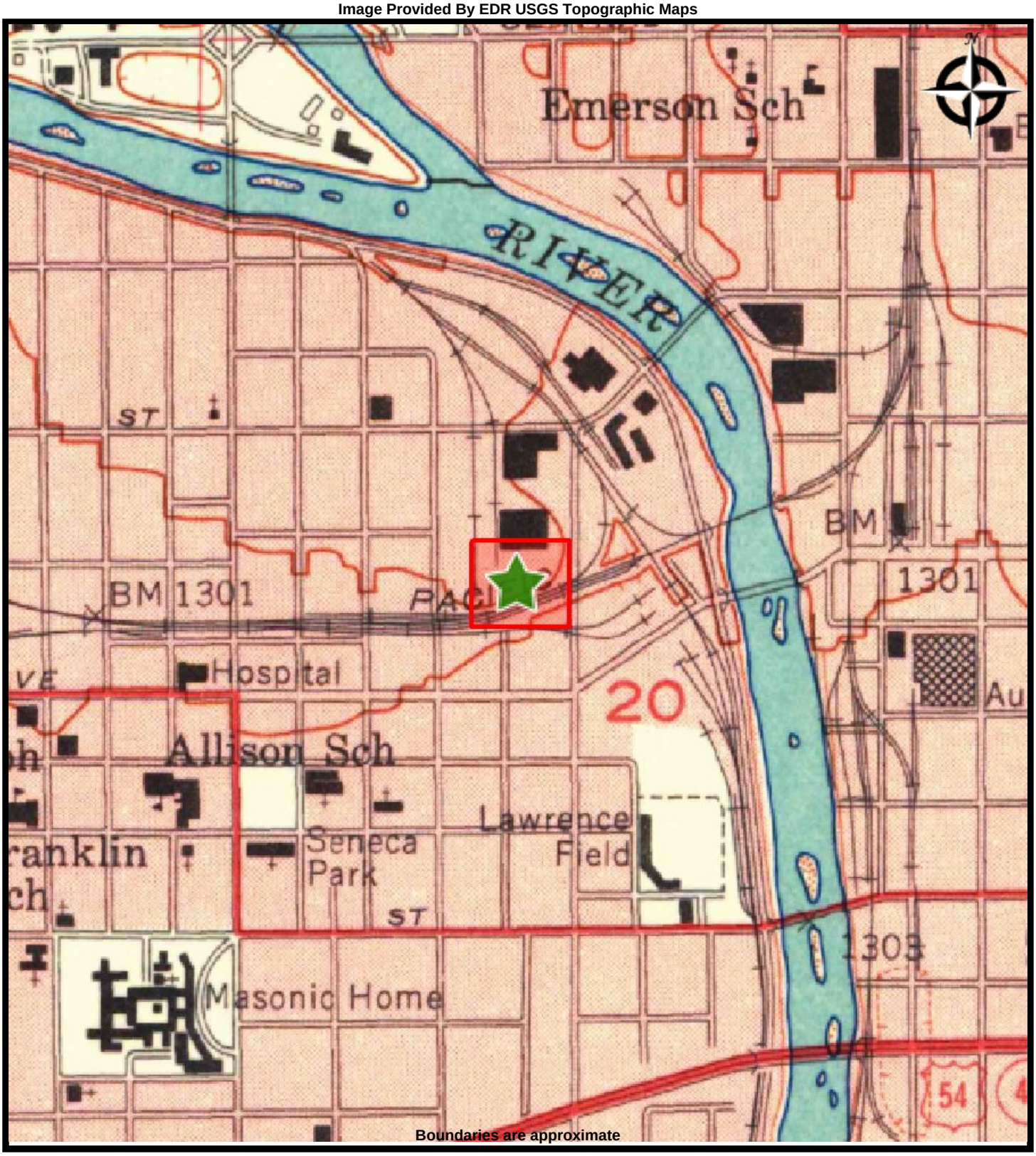
W 1st intersects

M V RR crosses

W 2d intersects

SYCAMORE S—From 600 W

Image Provided By EDR USGS Topographic Maps



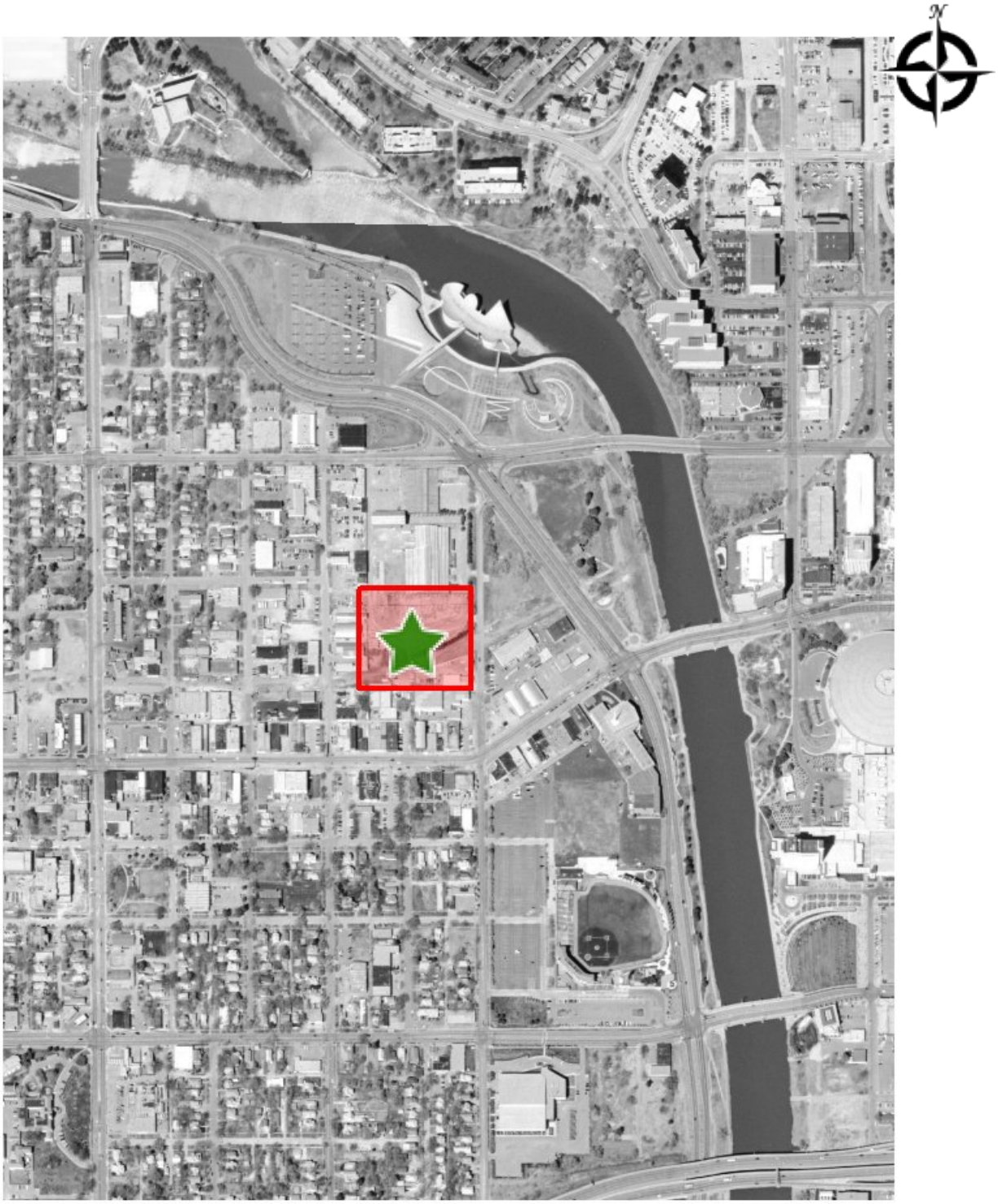
Boundaries are approximate

GSI Engineering

TOPO MAP - 1956
DELANO CATALYST SITE PARCEL 1A
SW Corner Sycamore & Mclean
Wichita, Kansas 67203

PREPARED FOR:
PROJ. MGR: **DATE: 3/10/2016**
DRAWN BY: Derek LeVasseur **PROJ. #: 167097**

Image Provided By EDR Aerials



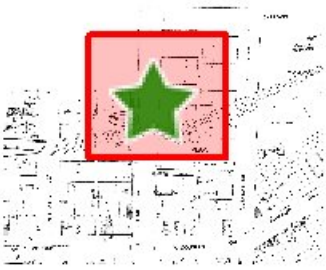
Boundaries are approximate

GSI Engineering

AERIAL - 1996
DELANO CATALYST SITE PARCEL 1A
SW Corner Sycamore & Mclean
Wichita, Kansas 67203

PREPARED FOR:
PROJ. MGR: **DATE: 3/10/2016**
DRAWN BY: Derek LeVasseur **PROJ. #: 167097**

Image Provided By EDR Aerials



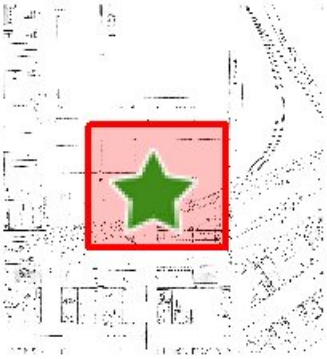
Boundaries are approximate

GSI Engineering

AERIAL - 2003
DELANO CATALYST SITE PARCEL 1A
SW Corner Sycamore & Mclean
Wichita, Kansas 67203

PREPARED FOR:
PROJ. MGR: **DATE: 3/10/2016**
DRAWN BY: Derek LeVasseur **PROJ. #: 167097**

Image Provided By EDR Certified Sanborns



Boundaries are approximate

GSI Engineering

SANBORN - 1887
DELANO CATALYST SITE PARCEL 1A
SW Corner Sycamore & Mclean
Wichita, Kansas 67203

PREPARED FOR:
PROJ. MGR: **DATE: 3/10/2016**
DRAWN BY: Derek LeVasseur **PROJ. #: 167097**

Image Provided By EDR Certified Sanborns

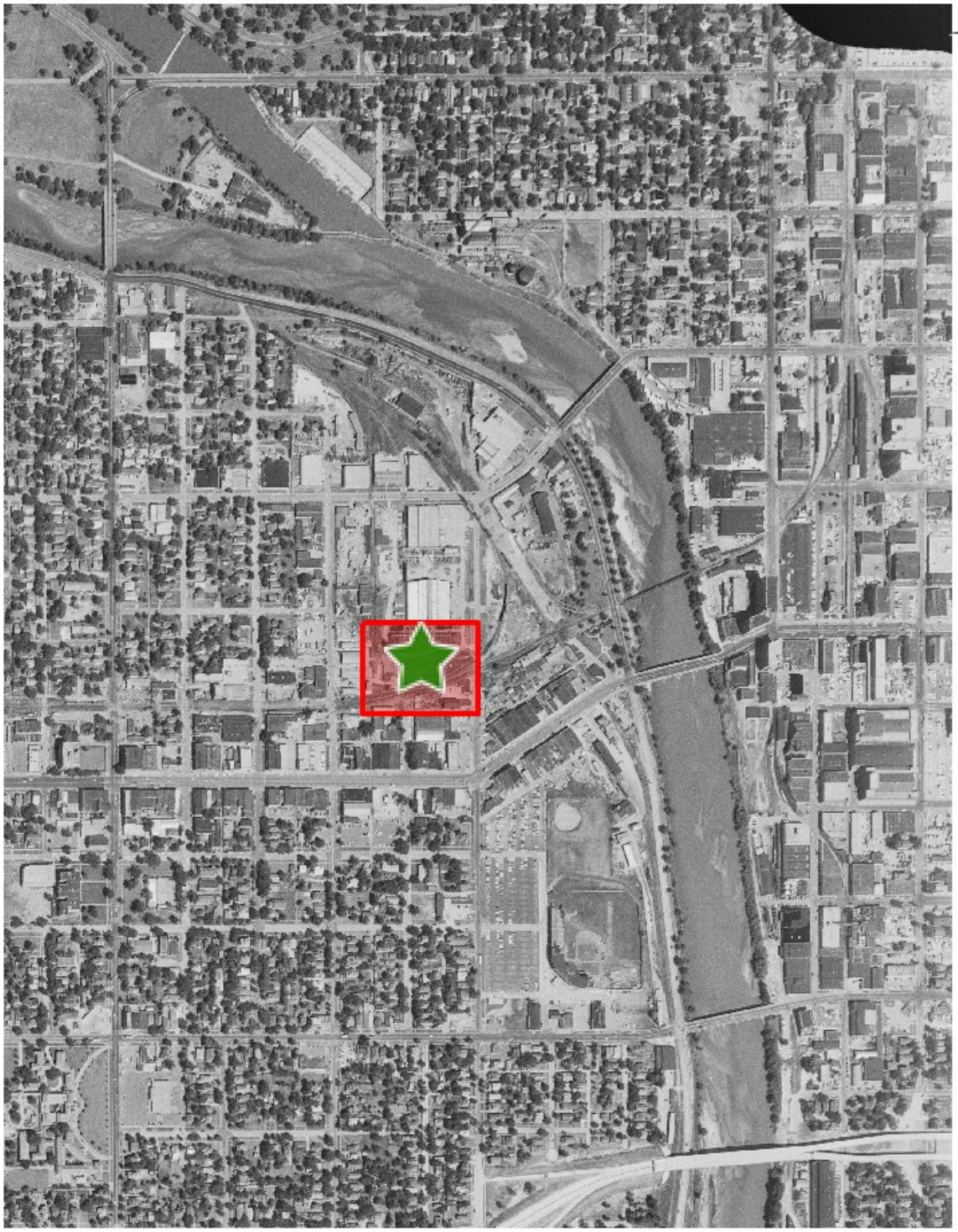
Boundaries are approximate

GSI Engineering

SANBORN - 1935
DELANO CATALYST SITE PARCEL 1A
SW Corner Sycamore & Mclean
Wichita, Kansas 67203

PREPARED FOR:
PROJ. MGR: **DATE: 3/10/2016**
DRAWN BY: Derek LeVasseur **PROJ. #: 167097**

Image Provided By EDR Certified Sanborns



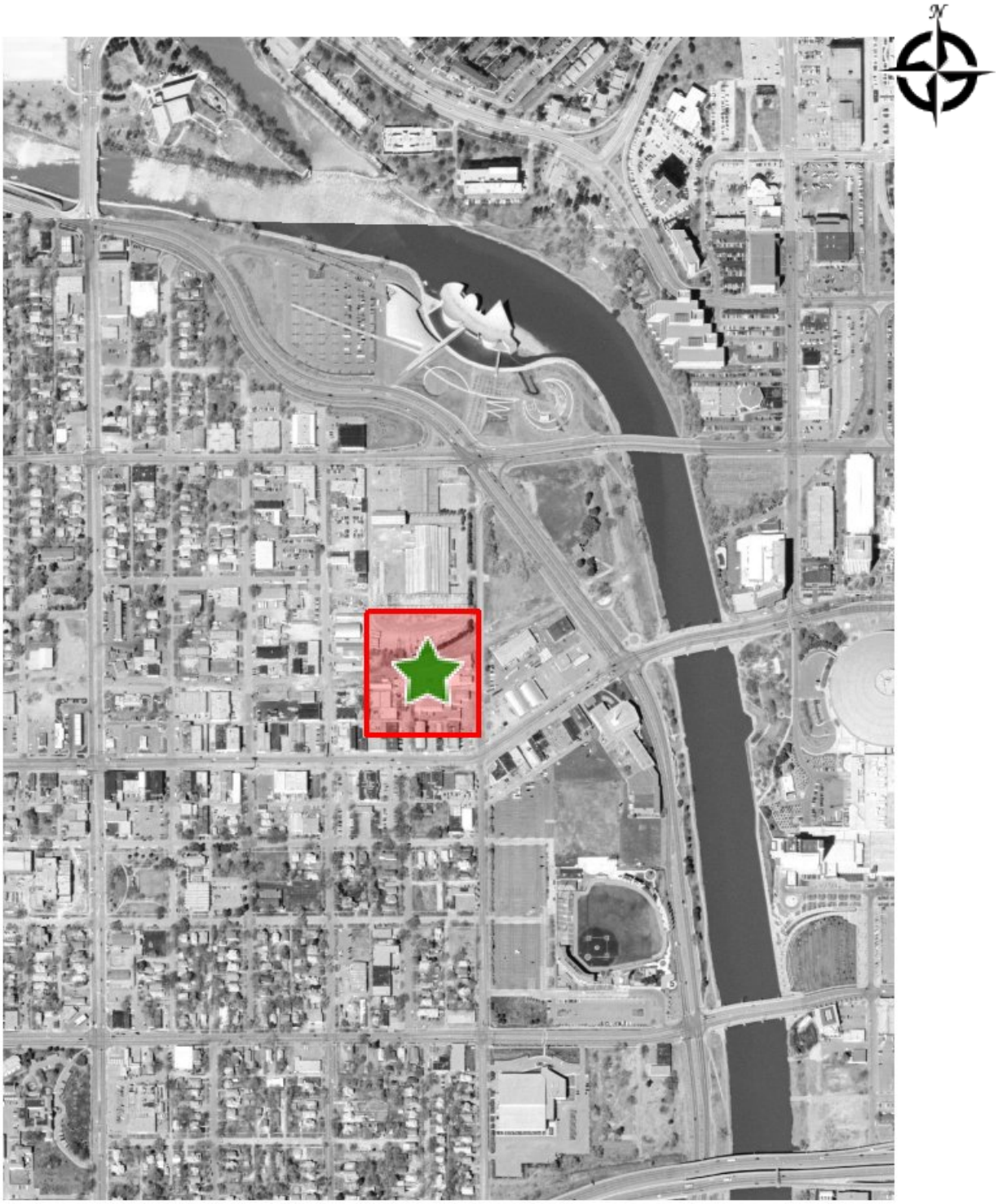
Boundaries are approximate

GSI Engineering

SANBORN - 1964
DELANO CATALYST SITE PARCEL 1A
SW Corner Sycamore & Mclean
Wichita, Kansas 67203

PREPARED FOR:
PROJ. MGR: **DATE: 3/10/2016**
DRAWN BY: Derek LeVasseur **PROJ. #: 167097**

Image Provided By EDR Aerials



Boundaries are approximate

GSI Engineering

AERIAL - 1960
DELANO CATALYST SITE PARCEL 1A
SW Corner Sycamore & Mclean
Wichita, Kansas 67203

PREPARED FOR:
PROJ. MGR: **DATE: 3/10/2016**
DRAWN BY: Derek LeVasseur **PROJ. #: 167097**

Image Provided By EDR Aerials

Boundaries are approximate

GSI Engineering

AERIAL - 2003-1
DELANO CATALYST SITE PARCEL 1A
SW Corner Sycamore & Mclean
Wichita, Kansas 67203

PREPARED FOR:
PROJ. MGR: **DATE: 3/10/2016**
DRAWN BY: Derek LeVasseur **PROJ. #: 167097**

Image Provided By EDR Aerials

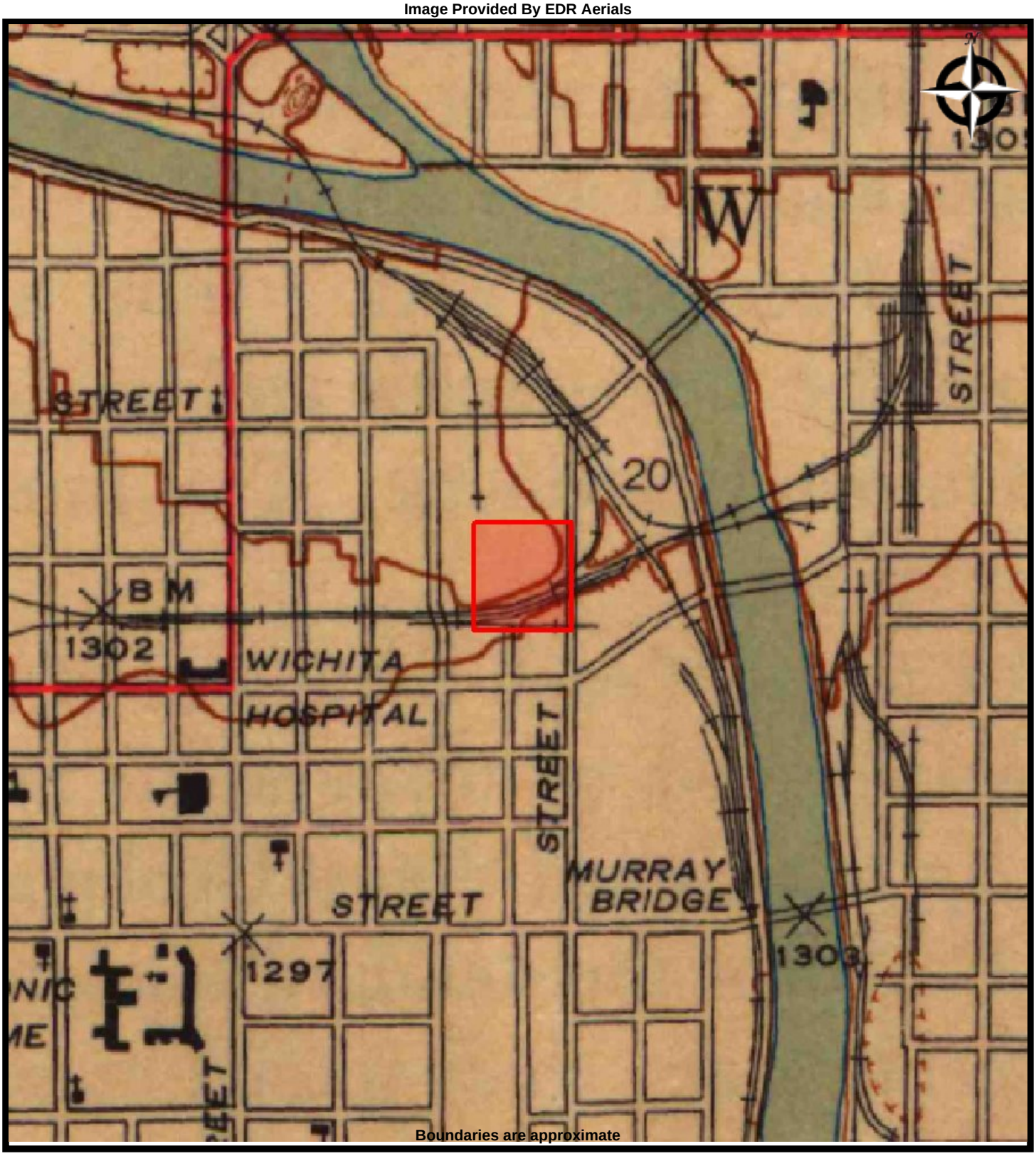
Boundaries are approximate

GSI Engineering

AERIAL - 2006
DELANO CATALYST SITE PARCEL 1A
SW Corner Sycamore & Mclean
Wichita, Kansas 67203

PREPARED FOR:
PROJ. MGR: **DATE: 3/10/2016**
DRAWN BY: Derek LeVasseur **PROJ. #: 167097**

Image Provided By EDR Aerials



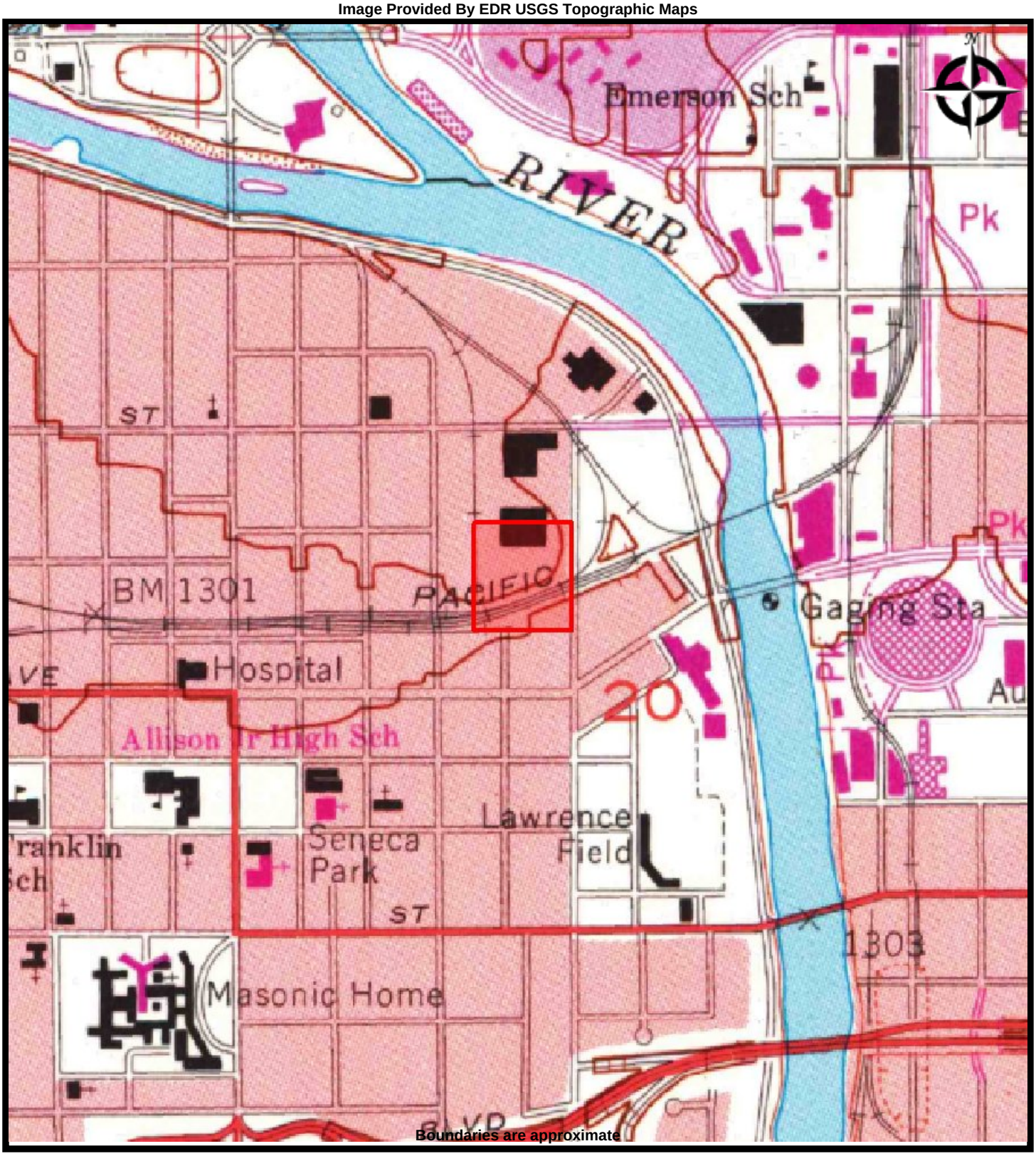
Boundaries are approximate

GSI Engineering

AERIAL - 2012
DELANO CATALYST SITE PARCEL 1A
SW Corner Sycamore & Mclean
Wichita, Kansas 67203

PREPARED FOR:
PROJ. MGR: **DATE: 3/10/2016**
DRAWN BY: Derek LeVasseur **PROJ. #: 167097**

Image Provided By EDR USGS Topographic Maps



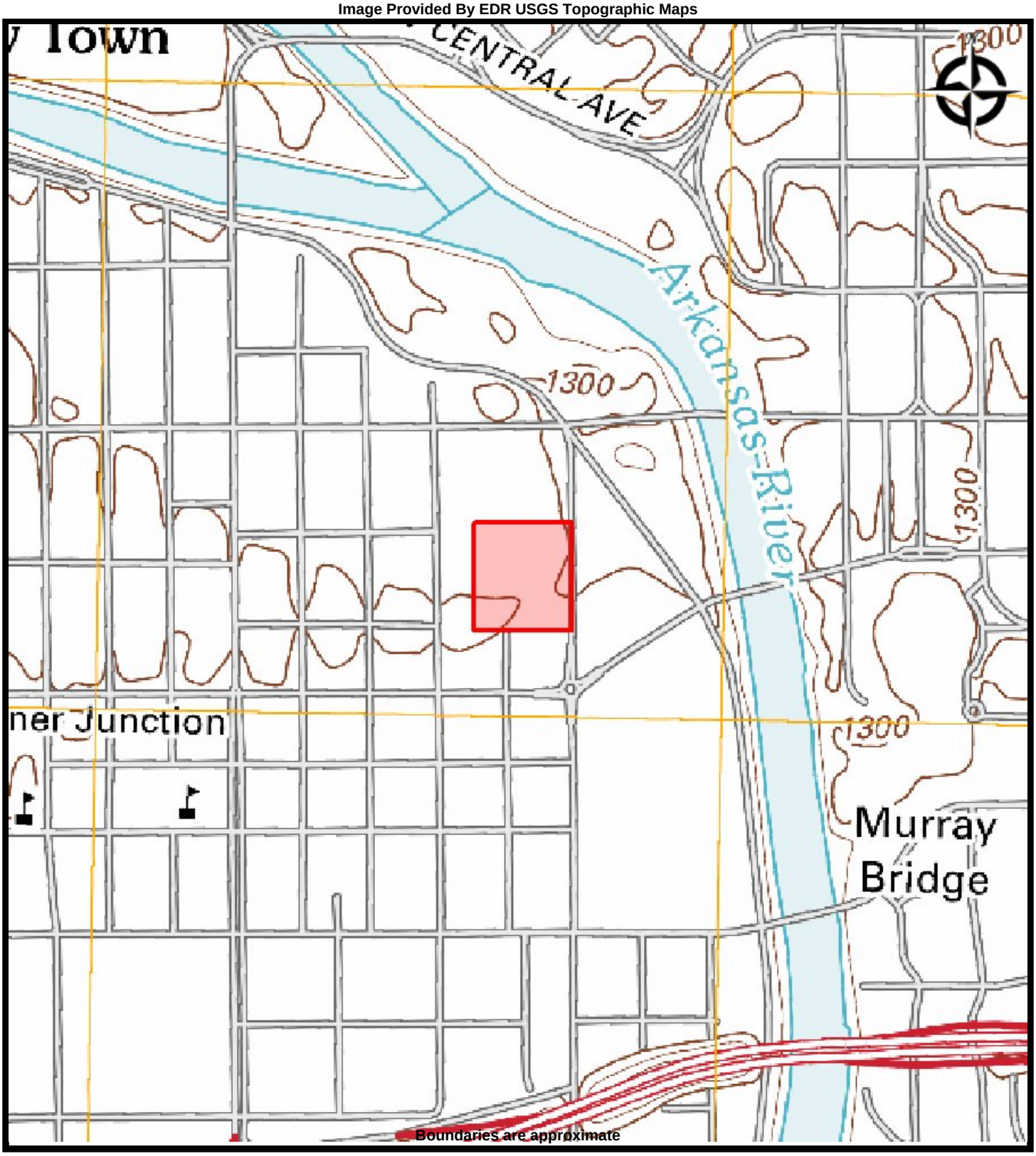
Boundaries are approximate

GSI Engineering

TOPO MAP - 1943
DELANO CATALYST SITE PARCEL 1A
SW Corner Sycamore & Mclean
Wichita, Kansas 67203

PREPARED FOR:
PROJ. MGR: **DATE: 3/10/2016**
DRAWN BY: Derek LeVasseur **PROJ. #: 167097**

Image Provided By EDR USGS Topographic Maps



GSI Engineering

TOPO MAP - 2012
DELANO CATALYST SITE PARCEL 1A
SW Corner Sycamore & Mclean
Wichita, Kansas 67203

PREPARED FOR:
PROJ. MGR: **DATE: 3/10/2016**
DRAWN BY: Derek LeVasseur **PROJ. #: 167097**

Appendix F -

Title Records

SGCAMAPROD Property Record Card

Parcel ID: 087-124-20-0-31-02-001.00-A **Quick Ref:** R81595 **Tax Year:** 2016 **Run Date:** 3/14/2016 11:58:06 AM

OWNER NAME AND MAILING ADDRESS

WICHITA CITY OF

455 N MAIN
WICHITA, KS 67202-1600

PROPERTY SITUS ADDRESS

711 W 2ND ST N
WICHITA, KS 67203

Image Date: 07/05/2011

INSPECTION HISTORY

Date	Time	Code	Reason	Appraiser	Contact	Code
06/14/2011	1:25 PM	12	SC	433		
12/29/2010	8:30 AM	11	RE	488		
02/02/2009	9:30 AM	6	BP	488		

LAND BASED CLASSIFICATION SYSTEM

Function: 7100 Building / devel **Sfx:**
Activity: 3300 Construction activities (gradir
Ownership: 4110 City
Site: 5000 Developed site - nonbuilding

BUILDING PERMITS

Number	Amount	Type	Issue Date	Status	% Comp
16-000521	24,500,000	Commercial Building	03/10/2016	O	
08-WR147	0	Demolition	07/15/2008	C	100
WR118	0	Demolition	07/06/2006	C	100

GENERAL PROPERTY INFORMATION

Prop Class: E Exempt - E
Living Units:
Zoning: LI
Neighborhood: 868.9 868.9
Economic Adj. Factor:
Map / Routing: 124200310200100A
Tax Unit Group: 6702

PROPERTY FACTORS

Topography: Level - 1
Utilities: All Public - 1
Access: Paved Road - 1
Fronting: Secondary Street - 3
Location: Neighborhood or Spot - 6
Parking Type: Off Street - 1
Parking Quantity: Adequate - 2
Parking Proximity: On Site - 3
Parking Covered:
Parking Uncovered:

2016 APPRAISED VALUE

Cls	Land	Building	Total
E	1,138,300	29,710	1,168,010
Total	1,138,300	29,710	1,168,010

2015 APPRAISED VALUE

Cls	Land	Building	Total
E	1,138,300	29,420	1,167,720
Total	1,138,300	29,420	1,167,720

TRACT DESCRIPTION

BEG W LI SYCAMORE AVE & S LI MID. VAL. ROW S 661 FT W 142.5 FT S 100 FT W 172.5 FT S 25 FT W 135 FT N 844.6 FT TO S LI 2ND ST E 406 FT TO RR ROW SE TO BEG EXC N 230 FT OF W 155 FT THEREOF - BEING PT RES C & PT OF LOTS IN WEST WICHITA ADD

PARCEL COMMENTS

GenLink: 087-124-20-0-31-02-001.01--; **GenCom:** 1-FENCED LOT & VACANT LAND; **Prop-Com:** SP PT TO 1.01 04/11 #515;; **App-Com:** INF-34101-2007-, INF-55743-2005-, 2007-9750-EQ-, 2007-3987-EQSC-; **Land-Ac/Sf:** ,

MARKET LAND INFORMATION

Method	Type	AC/SF	Eff FF	Depth	D-Fact	Inf1	Fact1	Inf2	Fact2	OVRD	Rsn	Cls	Model	Base Size	Base Val	Inc Val	Dec Val	Value Est
Sqft	1-Primary Site - 1	16,300				5	125						79	20,000.00	2.80	2.80	2.80	57,100
Sqft	1-Primary Site - 1	308,910				5	125						79	20,000.00	2.80	2.80	2.80	1,081,200

Total Market Land Value 1,138,300

Parcel ID: 087-124-20-0-31-02-001.00-A **Quick Ref:** R81595 **Tax Year:** 2016 **Run Date:** 3/14/2016 11:58:07 AM

COMMENTS

IMPROVEMENT COST SUMMARY

Other Improvement RCN:	106,690
Eco Adj:	
Other Improvement Value:	29,710

AG LAND SUMMARY

Dry Land Acres:	0.00
Irrigated Acres:	0.00
Native Grass Acres:	0.00
Tame Grass Acres:	0.00
Total Ag Acres:	0.00
Total Ag Use Value:	0
Total Ag Mkt Value:	0

OTHER BUILDING IMPROVEMENTS

No.	Occupancy	MSCIs	Rank	Qty	Yr Blt	Eff Yr	LBCS	Area	Perim	Hgt	Dimensions	Stories	Phys	Func	Econ	OVR%	Rsn	Cls	RCN	%Gd	Value
1	163-Site Improvements	C	2.00	1	1970			10		8	X	1	2	2					22,910	20.0	4,580
2	163-Site Improvements	C	2.00	1	1970			10		8	X	1	3	3					83,780	30.0	25,130

OTHER BUILDING IMPROVEMENT COMPONENTS

No.	Code	Units	Pct	Size	Other	Rank	Year
1	8207-Fence, Chain Link	8,300					
2	8355-Paving, Concrete with Base	16,300					

SGCAMAPROD Property Record Card

Parcel ID: 087-124-20-0-31-02-001.00-B **Quick Ref:** R81596 **Tax Year:** 2016 **Run Date:** 3/14/2016 12:00:45 PM

OWNER NAME AND MAILING ADDRESS

WICHITA CITY OF

455 N MAIN
WICHITA, KS 67202-1600

PROPERTY SITUS ADDRESS

INSPECTION HISTORY

Date	Time	Code	Reason	Appraiser	Contact	Code
06/14/2011	1:25 PM	12	SC	433		
02/02/2009	9:30 AM	6	BP	488		
07/06/2006	8:30 AM	1		458	MR WALKER	6

No Image Available

Image Date:

LAND BASED CLASSIFICATION SYSTEM

Function: 9950 Commercial hig **Sfx:**
Activity: 3000 Industrial, manufacturing, was
Ownership: 4110 City
Site: 4000 Developed site - no buildings

BUILDING PERMITS

Number	Amount	Type	Issue Date	Status	% Comp
13-RS7815	2,210	Roof	11/13/2013	C	100
28663	12,000		08/02/1991	C	100

GENERAL PROPERTY INFORMATION

Prop Class: E Exempt - E
Living Units:
Zoning: LI
Neighborhood: 868.9 868.9
Economic Adj. Factor:
Map / Routing: 124200310200100B
Tax Unit Group: 6702

PROPERTY FACTORS

Topography: Level - 1
Utilities: All Public - 1
Access: Paved Road - 1
Fronting: Secondary Street - 3
Location: Neighborhood or Spot - 6
Parking Type: Off Street - 1
Parking Quantity: Adequate - 2
Parking Proximity: On Site - 3
Parking Covered:
Parking Uncovered:

2016 APPRAISED VALUE

Cls	Land	Building	Total
E	11,600	0	11,600
Total	11,600	0	11,600

2015 APPRAISED VALUE

Cls	Land	Building	Total
E	11,600	0	11,600
Total	11,600	0	11,600

TRACT DESCRIPTION

LOT 37 SYCAMORE ST
WEST WICHITA ADD.

PARCEL COMMENTS

App-Com: INF-34102-2007-, INF-55744-2005-, 2007-9751-EQ-, 2007-3988-EQSC-

MARKET LAND INFORMATION

Method	Type	AC/SF	Eff FF	Depth	D-Fact	Inf1	Fact1	Inf2	Fact2	OVRD	Rsn	Cls	Model	Base Size	Base Val	Inc Val	Dec Val	Value Est
Sqft	1-Primary Site - 1	3,326				5	125						79	20,000.00	2.80	2.80	2.80	11,600

Total Market Land Value 11,600

SGCAMAPROD Property Record Card

Parcel ID: 087-124-20-0-31-02-001.00-D **Quick Ref:** R81598 **Tax Year:** 2016 **Run Date:** 3/14/2016 12:08:59 PM

OWNER NAME AND MAILING ADDRESS

WICHITA CITY OF

455 N MAIN
WICHITA, KS 67202-1600

PROPERTY SITUS ADDRESS

INSPECTION HISTORY

Date	Time	Code	Reason	Appraiser	Contact	Code
06/14/2011	1:25 PM	12	SC	433		
02/02/2009	9:30 AM	6	BP	488		
07/06/2006	8:32 AM	1		458	MR WALKER	6

No Image Available

LAND BASED CLASSIFICATION SYSTEM

Function: 9950 Commercial hig **Sfx:**
Activity: 3000 Industrial, manufacturing, was
Ownership: 4110 City
Site: 4000 Developed site - no buildings

Image Date:

BUILDING PERMITS

Number	Amount	Type	Issue Date	Status	% Comp

GENERAL PROPERTY INFORMATION

Prop Class: E Exempt - E
Living Units:
Zoning: LI
Neighborhood: 868.9 868.9
Economic Adj. Factor:
Map / Routing: 124200310200100D
Tax Unit Group: 6702

PROPERTY FACTORS

Topography: Level - 1
Utilities: All Public - 1
Access: Paved Road - 1
Fronting: Secondary Street - 3
Location: Neighborhood or Spot - 6
Parking Type: Off Street - 1
Parking Quantity: Adequate - 2
Parking Proximity: On Site - 3
Parking Covered:
Parking Uncovered:

2016 APPRAISED VALUE

Cls	Land	Building	Total
E	18,300	0	18,300
Total	18,300	0	18,300

2015 APPRAISED VALUE

Cls	Land	Building	Total
E	18,300	0	18,300
Total	18,300	0	18,300

TRACT DESCRIPTION

BEG NW COR LOT 30 E 125 FT TO NE COR S 1 FT SW ALG CUR 130 FT TO E LI OAK ST N 42 FT TO BEG & VAC E1/2 OAK ST ADJ ON W OAK ST. WEST WICHITA ADD.

PARCEL COMMENTS

App-Com: INF-34104-2007-, INF-55746-2005-, 2007-9753-EQ-, 2007-3990-EQSC-

MARKET LAND INFORMATION

Method	Type	AC/SF	Eff FF	Depth	D-Fact	Inf1	Fact1	Inf2	Fact2	OVRD	Rsn	Cls	Model	Base Size	Base Val	Inc Val	Dec Val	Value Est
Sqft	1-Primary Site - 1	5,235				5	125						79	20,000.00	2.80	2.80	2.80	18,300

Total Market Land Value 18,300

SGCAMAPROD Property Record Card

Parcel ID: 087-124-20-0-31-02-001.00-E **Quick Ref:** R81599 **Tax Year:** 2016 **Run Date:** 3/14/2016 12:11:55 PM

OWNER NAME AND MAILING ADDRESS

WICHITA CITY OF

455 N MAIN
WICHITA, KS 67202-1600

PROPERTY SITUS ADDRESS

INSPECTION HISTORY

Date	Time	Code	Reason	Appraiser	Contact	Code
06/14/2011	1:25 PM	12	SC	433		
02/02/2009	9:30 AM	6	BP	488		
07/06/2006	8:33 AM	1		458	MR WALKER	6

No Image Available

LAND BASED CLASSIFICATION SYSTEM

Function: 9950 Commercial hig **Sfx:**
Activity: 3000 Industrial, manufacturing, was
Ownership: 4110 City
Site: 4000 Developed site - no buildings

Image Date:

BUILDING PERMITS

Number	Amount	Type	Issue Date	Status	% Comp

GENERAL PROPERTY INFORMATION

Prop Class: E Exempt - E
Living Units:
Zoning: LI
Neighborhood: 868.9 868.9
Economic Adj. Factor:
Map / Routing: 124200310200100E
Tax Unit Group: 6702

PROPERTY FACTORS

Topography: Level - 1
Utilities: All Public - 1
Access: Paved Road - 1
Fronting: Secondary Street - 3
Location: Neighborhood or Spot - 6
Parking Type: Off Street - 1
Parking Quantity: Adequate - 2
Parking Proximity: On Site - 3
Parking Covered:
Parking Uncovered:

2016 APPRAISED VALUE

Cls	Land	Building	Total
E	27,600	0	27,600
Total	27,600	0	27,600

2015 APPRAISED VALUE

Cls	Land	Building	Total
E	27,600	0	27,600
Total	27,600	0	27,600

TRACT DESCRIPTION

W 20 FT N 15 FT LOT 29 & W 20 FT ODD LOTS 31 TO 51 INC. OAK AVE. WEST WICHITA ADD.

PARCEL COMMENTS

App-Com: INF-34105-2007-, INF-55747-2005-, 2007-9754-EQ-, 2007-3991-EQSC-

MARKET LAND INFORMATION

Method	Type	AC/SF	Eff FF	Depth	D-Fact	Inf1	Fact1	Inf2	Fact2	OVRD	Rsn	Cls	Model	Base Size	Base Val	Inc Val	Dec Val	Value Est
Sqft	1-Primary Site - 1	7,887				5	125						79	20,000.00	2.80	2.80	2.80	27,600

Total Market Land Value 27,600

SGCAMAPROD Property Record Card

Parcel ID: 087-124-20-0-31-02-005.00-B **Quick Ref:** R81608 **Tax Year:** 2016 **Run Date:** 3/14/2016 12:10:34 PM

OWNER NAME AND MAILING ADDRESS

WICHITA CITY OF

455 N MAIN
WICHITA, KS 67202-1600

PROPERTY SITUS ADDRESS

INSPECTION HISTORY

Date	Time	Code	Reason	Appraiser	Contact	Code
09/12/2012	2:47 PM	11	RE	475		
07/06/2006	9:40 AM	0		458		
01/29/2003	8:00 AM	9		455		

No Image Available

LAND BASED CLASSIFICATION SYSTEM

Function: 9940 Transportation / **Sfx:**
Activity: 4000 Social, institutional, infrastruc
Ownership: 1100 Private-fee simple
Site: 2100 Site that is graded with no str

Image Date:

BUILDING PERMITS

Number	Amount	Type	Issue Date	Status	% Comp

GENERAL PROPERTY INFORMATION

Prop Class: E Exempt - E
Living Units:
Zoning: LI
Neighborhood: 868.1 868.1
Economic Adj. Factor:
Map / Routing: 124200310200500B
Tax Unit Group: 6702

PROPERTY FACTORS

Topography: Level - 1
Utilities: All Public - 1
Access: Paved Road - 1,Railroad - 8
Fronting: Residential Street - 4
Location: Neighborhood or Spot - 6
Parking Type: On Street - 2
Parking Quantity: Adequate - 2
Parking Proximity: Adjacent - 2
Parking Covered:
Parking Uncovered:

2016 APPRAISED VALUE

Cls	Land	Building	Total
E	11,000		11,000
Total	11,000	0	11,000

2015 APPRAISED VALUE

Cls	Land	Building	Total
E	11,000		11,000
Total	11,000	0	11,000

TRACT DESCRIPTION

LOTS 21-23-25 OAK ST WEST WICHITA ADD.
UTILITY ROLL

PARCEL COMMENTS

MARKET LAND INFORMATION

Method	Type	AC/SF	Eff FF	Depth	D-Fact	Inf1	Fact1	Inf2	Fact2	OVRD	Rsn	Cls	Model	Base Size	Base Val	Inc Val	Dec Val	Value Est
Sqft	1-Primary Site - 1	14,636										E	15	20,000.00	0.75	0.75	0.75	11,000

Total Market Land Value 11,000

SGCAMAPROD Property Record Card

Parcel ID: 087-124-20-0-31-03-001.00-A **Quick Ref:** R81609 **Tax Year:** 2016 **Run Date:** 3/14/2016 12:03:43 PM

OWNER NAME AND MAILING ADDRESS

WICHITA CITY OF

455 N MAIN
WICHITA, KS 67202-1600

PROPERTY SITUS ADDRESS

127 N SYCAMORE ST
WICHITA, KS 67203
123 N SYCAMORE ST
WICHITA, KS 67203

LAND BASED CLASSIFICATION SYSTEM

Function:	3640	Warehouse-offi	**Sfx:**	4
Activity:	3120	Primarily goods storage or ha		
Ownership:	3100	Rights to land only (Bldg carri		
Site:	6000	Developed site - with building		

Image Date: 12/29/2014

INSPECTION HISTORY

Date	Time	Code	Reason	Appraiser	Contact	Code
01/07/2016	12:35 PM	11	SC	433		
11/25/2013	10:55 AM	6	RE	483		
11/03/2009	1:15 PM	11	RE	433		

BUILDING PERMITS

Number	Amount	Type	Issue Date	Status	% Comp
02726	2,135		03/04/1996	C	100

GENERAL PROPERTY INFORMATION

Prop Class: C Commercial & Industrial - C
Living Units:
Zoning: LI
Neighborhood: 868.1 868.1
Economic Adj. Factor:
Map / Routing: D+ 124200310300100A
Tax Unit Group: 6702

PROPERTY FACTORS

Topography: Level - 1
Utilities: All Public - 1
Access: Paved Road - 1
Fronting: Residential Street - 4
Location: Neighborhood or Spot - 6
Parking Type: On and Off Street - 3
Parking Quantity: Adequate - 2
Parking Proximity: On Site - 3
Parking Covered:
Parking Uncovered:

2016 APPRAISED VALUE

Cls	Land	Building	Total
C	19,800	0	19,800
Total	19,800	0	19,800

2015 APPRAISED VALUE

Cls	Land	Building	Total
C	19,600	0	19,600
Total	19,600	0	19,600

TRACT DESCRIPTION

ODD LOTS 21 TO 35 INC. EXC BEG NE COR LOT 35 W 125 FT TO NW COR LOT35 S ALG W LI LOTS 35-33-31 72 FT NE ALG CUR 145 FT TH N 6 FT TO BEG & N 40 FT VAC ST ADJ ON S SYCAMORE ST. WEST WICHITA ADD.

PARCEL COMMENTS

GenLink: 087-124-20-0-31-03-001.00-B-, 087-124-20-0-31-03-007.00--, 087-124-20-0-31-03-001.01-A-, 087-124-20-0-31-03-001.01--; **GenCom:** 4X-EH HENRY CO; PT-1A,B,1.01(BLG),7; **GenFlag:** Parent of Building on Leased Ground; **Prop-Com:** BLG CMB WITH PARENT 07/13 #515;BLG SPLIT FROM PARENT 08/14 #515; CORRECTED GIS AREA & MKT LAND TO MATCH GIS #351 12/15

MARKET LAND INFORMATION

Method	Type	AC/SF	Eff FF	Depth	D-Fact	Inf1	Fact1	Inf2	Fact2	OVRD	Rsn	Cls	Model	Base Size	Base Val	Inc Val	Dec Val	Value Est
Sqft	1-Primary Site - 1	26,382											15	20,000.00	0.75	0.75	0.75	19,800

Total Market Land Value 19,800

SGCAMAPROD Property Record Card

Parcel ID: 087-124-20-0-31-03-001.00-B **Quick Ref:** R81610 **Tax Year:** 2016 **Run Date:** 3/14/2016 12:07:33 PM

OWNER NAME AND MAILING ADDRESS

WICHITA CITY OF

455 N MAIN
WICHITA, KS 67202-1600

PROPERTY SITUS ADDRESS

200 N OAK
WICHITA, KS 67203

INSPECTION HISTORY

Date	Time	Code	Reason	Appraiser	Contact	Code
01/07/2016	12:35 PM	11	SC	433		
11/25/2013	10:55 AM	6	RE	483		
11/03/2009	1:15 PM	11	RE	433		

No Image Available

Image Date:

LAND BASED CLASSIFICATION SYSTEM

Function: 3640 Warehouse-offi **Sfx:** 4
Activity: 3120 Primarily goods storage or ha
Ownership: 3100 Rights to land only (Bldg carri
Site: 6000 Developed site - with building

BUILDING PERMITS

Number	Amount	Type	Issue Date	Status	% Comp

GENERAL PROPERTY INFORMATION

Prop Class: C Commercial & Industrial - C
Living Units:
Zoning: LI
Neighborhood: 868.1 868.1
Economic Adj. Factor:
Map / Routing: 124200310300100A
Tax Unit Group: 6702

PROPERTY FACTORS

Topography: Level - 1
Utilities: All Public - 1
Access: Paved Road - 1
Fronting: Residential Street - 4
Location: Neighborhood or Spot - 6
Parking Type: On and Off Street - 3
Parking Quantity: Adequate - 2
Parking Proximity: On Site - 3
Parking Covered:
Parking Uncovered:

2016 APPRAISED VALUE

Cls	Land	Building	Total
C	9,600	0	9,600
Total	9,600	0	9,600

2015 APPRAISED VALUE

Cls	Land	Building	Total
C	9,600	0	9,600
Total	9,600	0	9,600

TRACT DESCRIPTION

EVEN LOTS 22 TO 30 INC. EXC BEG NW COR LOT 30 E 125 FT TO NE COR S 1 FT SW ALG CUR 130 FT TO E LI OAK ST N 42 FT TO BEG OAK ST & N 40 FT VAC ST ADJ ON S WEST WICHITA ADD UTILITY ROLL

PARCEL COMMENTS

GenLink: 087-124-20-0-31-03-001.00-A-; **GenCom:** 4X-EH HENRY CO; PT- 1A,B,1.01(BLG),7

MARKET LAND INFORMATION

Method	Type	AC/SF	Eff FF	Depth	D-Fact	Inf1	Fact1	Inf2	Fact2	OVRD	Rsn	Cls	Model	Base Size	Base Val	Inc Val	Dec Val	Value Est
Sqft	1-Primary Site - 1	12,766											15	20,000.00	0.75	0.75	0.75	9,600

Total Market Land Value 9,600

SGCAMAPROD Property Record Card

Parcel ID: 087-124-20-0-31-02-001.00-C **Quick Ref:** R81597 **Tax Year:** 2016 **Run Date:** 3/14/2016 3:22:14 PM

OWNER NAME AND MAILING ADDRESS

WICHITA CITY OF

455 N MAIN
WICHITA, KS 67202-1600

PROPERTY SITUS ADDRESS

INSPECTION HISTORY

Date	Time	Code	Reason	Appraiser	Contact	Code
06/14/2011	1:25 PM	12	SC	433		
02/02/2009	9:30 AM	6	BP	433		
07/06/2006	8:31 AM	1		458	MR WALKER	6

No Image Available

LAND BASED CLASSIFICATION SYSTEM

Function: 9950 Commercial hig **Sfx:**
Activity: 3000 Industrial, manufacturing, was
Ownership: 4110 City
Site: 4000 Developed site - no buildings

Image Date:

BUILDING PERMITS

Number	Amount	Type	Issue Date	Status	% Comp

GENERAL PROPERTY INFORMATION

Prop Class: E Exempt - E
Living Units:
Zoning: LI
Neighborhood: 868.9 868.9
Economic Adj. Factor:
Map / Routing: 124200310200100C
Tax Unit Group: 6702

PROPERTY FACTORS

Topography: Level - 1
Utilities: All Public - 1
Access: Paved Road - 1
Fronting: Secondary Street - 3
Location: Neighborhood or Spot - 6
Parking Type: Off Street - 1
Parking Quantity: Adequate - 2
Parking Proximity: On Site - 3
Parking Covered:
Parking Uncovered:

2016 APPRAISED VALUE

Cls	Land	Building	Total
E	19,600	0	19,600
Total	19,600	0	19,600

2015 APPRAISED VALUE

Cls	Land	Building	Total
E	19,600	0	19,600
Total	19,600	0	19,600

TRACT DESCRIPTION

BEG NE COR LOT 35 W 125 FT TO NW COR LOT 35 S ALG W LI LOTS 35-33-31 72 FT NE ON CUR 145 FT N 6 FT TO BEG & VAC E1/2 ALLEY ADJ ON W SYCAMORE ST WEST WICHITA ADD.

PARCEL COMMENTS

App-Com: INF-34103-2007-, INF-55745-2005-, 2007-9752-EQ-, 2007-3989-EQSC-

MARKET LAND INFORMATION

Method	Type	AC/SF	Eff FF	Depth	D-Fact	Inf1	Fact1	Inf2	Fact2	OVRD	Rsn	Cls	Model	Base Size	Base Val	Inc Val	Dec Val	Value Est
Sqft	1-Primary Site - 1	5,606				5	125						79	20,000.00	2.80	2.80	2.80	19,600

Total Market Land Value 19,600

Appendix G -

Environmental Professional Resumes

Rick L. Bean, P.G.

Contract Manager / Senior Geologist

Education

Post Gradute Studies, Environmental Health Science, University of Kansas

Bachelor of Science, Geology, 1983, Fort Hays State University

Registrations

Professional Geologist, Kansas

Professional Geologist, Missouri

Professional Experience

GS/Engineering, 2015 to present

Kansas Department of Health and Environment, 1985-2015

Department of Defense Hydrographic/Topographic Center 1984-1985

Training

Phase III/ and ESA for Real Estate ASTM Training Courses

RCRA Orientation Training

RCRA Corrective Action Training

Vapor Intrusion Training

Remediation and Restoration of Hydrocarbon and Brine

CERCLA Superfund Training

Pesticide and Fertilizer Investigation and Cleanups

OSHA 40-Hour HAZWOPER

8-Hour HAZWOPER Refresher

FEMA Certified for Incident Command

Boards Served

Kansas Agriculture Remediation Board (1997-2014)

Kansas Geologic Mapping Advisory Committee (2006-2015)

ASTSWMO National Brownfields Focus Group

ASTSWMO National Site Assessment Task Force

Professional Experience

Mr. Bean is a Senior Geologist located in GSI's Topeka Office. He has more than 30 years of experience in geology, extensively working with the private, municipal, federal and state business sectors. Mr. Bean offers a unique and diverse perspective on environmental issues through his experience in both state and federal government, and as a private consultant. Mr. Bean's technical expertise includes: investigation and remediation of a variety of complex environmental issues, brownfields, land use controls, vapor intrusion assessment and mitigation, bankruptcy settlement negotiations, PRP searches, environmental response and incident command, assessment and remediation of agricultural facilities, NPDES permitting, underground hydrocarbon storage, regulation interpretation and compliance, and Kansas hydrogeology. Mr. Bean has extensive experience working in both the federal CERCLA and RCRA programs. He received the 2010 National Notable Achievement Award for Outstanding Use of Redevelopment Potential for a Contaminated Property and was named to the 1995 Regional Superfund Team of the Year by the Environmental Protection Agency.

Mr. Bean worked for the Kansas Department of Health and Environment (KDHE) for 30 years. As the Chief of the Remedial Section he was responsible for the supervision and management of 43 employees, up to 8 programs with an annual budget of greater than 6 million dollars. Mr. Bean was directly responsible for the following KDHE Programs: Voluntary Cleanup and Property Redevelopment Program, Brownfields Program, State Superfund Program, State Cooperative Program, CERCLA Site Assessment Program, Environmental Use Control Program, and RCRA Corrective Action Pilot Program. Mr. Bean also served as the Manager for the Underground Hydrocarbon Storage Program which consists of facilities that store liquefied petroleum gas in underground salt caverns. These duties included permitting, regulating, monitoring, coordinating and overseeing regulatory and cleanup activities.

Mr. Bean has direct experience in the development and writing of environmental legislation including providing testimony to the Kansas State Legislature, Joint Regulatory Committee, and Attorney General's office. He also has over 18 years of experience in development, writing and management of various federal grants totaling over 10 million dollars for both Superfund and Brownfields Programs.

Related Project Experience

Field Experience:

While with the KDHE, Mr. Bean conducted and/or led hundreds of site assessments and investigations at environmentally contaminated sites. Many of these investigations were conducted under the auspices of the federal CERCLA Program for potential listing of sites on the National Priority List (Superfund). He has extensive field experience with Geoprobe® rigs, drill rigs, mobile laboratories, geophysical equipment, X-Ray Fluorescence, and all types of sampling equipment. Mr. Bean has a variety of sampling experience including indoor air, groundwater, soils, public water, surface water, waste, drums, sediment and biota. He has conducted numerous Brownfields Assessments at underutilized properties. Mr. Bean also has extensive remediation experience in process and actual technology including various types of pump and treat systems, carbon filtration systems, reverse osmosis, ion exchange, soil vapor extraction, air sparging, dual phase systems, chemical injection, capping design, excavation, *in-situ* injections, phytoremediation, stabilization, solidification, funnel and gate, to name just a few. Mr. Bean served as the in-field representative on various environmental response teams including the Barton Solvents Fire and Explosion.

References

Mr. Gary Blackburn
Former Bureau Director
KDHE
785-296-1608
gblackburn@kdheks.gov

Mr. Don Lininger
Chief, Waste Remediation
US EPA VI
913-551-7724
Lininger.don@epa.gov

Mr. Blase Leven
Technical Assistance to Brownfields Coordinator
Kansas State University
785-532-0780
baleven@ksu.edu

Mr. Mel Pins
Iowa Brownfields Redevelopment
Brownfields Coordinator
515-725-8344
Mel.pins@dnr.iowa.gov

Mr. Michael Rose
Williams NGL Service
Tech Services Manger
620-834-2119
Michael.rose@williams.com

Mr. Mike Spain
Boeing
Technical Manager
316-613-2025
Michael.dspain@boeing.com

Project Examples:

- **Farmland Industries (Bankruptcy)** – The Farmland Industries Nitrogen Plant in Lawrence, a producer of nitrogen-based fertilizer products from 1953 to 2001, filed for bankruptcy in 2002. The site was contaminated with nitrates, ammonia and other contaminants. Mr. Bean was responsible for working with the Trustee and coordinating the eventual transfer of the property to the City of Lawrence. Mr. Bean and his staff partnered with the City of Lawrence to parallel redevelopment initiatives with the remediation on this 467-acre site. Mr. Bean received the 2010 National Notable Achievement Award for Outstanding Use of Redevelopment Potential for a Contaminated Property from the Administrator of the Environmental Protection Agency for his efforts.

- **Central Wichita Sites** – Beginning in the 1990's, Mr. Bean was instrumental in coordinating a unique partnership with the City of Wichita to address contamination affecting over 3,850 acres in its downtown and industrial areas. Numerous recovery wells piped to a centrally located air stripper was designed to address the groundwater contamination. The system is known as the "Wichita Area Treatment, Education and Remediation (WATER) Center and opened in October 2003. Mr. Bean was instrumental in the success of this project. The project received numerous national awards and was considered to be one of the most innovative public-private partnerships ever created to solve a complex environmental problem.

- **Eagle Picher Smelter (Bankruptcy)** – The former Eagle Picher Smelter facility operated from 1878 to 2004. In April 2005, Eagle Picher Holdings, Inc. filed for bankruptcy. Mr. Bean was responsible for negotiating a multi-million dollar bankruptcy settlement to address high levels of contamination at the 148-acre site. Mr. Bean and his staff coordinated remedial efforts with the City of Galena and the Bankruptcy Trustee. Remedial work started in mid-2013 and consisted of consolidation and capping of smelter waste, contaminated soil, and sediment removal from Short Creek. Cleanup has been complete and portions of the site are available for redevelopment purposes.

- **Frankfort, Kansas Public Water Supply** – Mr. Bean was responsible for development of a settlement agreement with the U.S. Department of Agriculture and the City of Frankfort to investigate a carbon tetrachloride contamination issue in the City's public water supply well. The settlement eventually paid for a cascade aeration system that treated groundwater at the source area and a GAC system installed at the public water supply well to treat water for human consumption

- **501 North Santa Fe** – Carbon tetrachloride contamination from a former grain fumigant tank located at 501 North Santa Fe impacted several public water supply wells in Salina. Mr. Bean was responsible for implementing a source remediation project consisting of large diameter boreholes, an air sparge, and a soil vapor extraction system to prevent future migration of the plume from the source. Additional technologies including Electro-Thermal Dynamic Stripping have been implemented.

- **Barton Solvents Explosion and Fire** – Mr. Bean was KDHE's on-scene coordinator for an explosion and fire that occurred at an above-ground chemical storage facility that occurred on July 17, 2007. Mr. Bean was responsible for coordinating KDHE field teams, communicating with the media and public, and evaluating air, water and soil results to ensure public safety was maintained.

Gregg L. Armstrong

Senior Environmental Scientist/Biologist

Education

Post Graduate Studies, Environmental Biology
Wichita State University

B.S., Fisheries Biology
Kansas State University

Professional Experience

Geotechnical Services, Inc./ GSI Engineering
Wichita, Kansas
1994-Present

City of Wichita
Public Works Department
Wichita, Kansas
1992-1994

Training

U. S. Army Corps of Engineers, Regulatory IV - Interagency Wetlands Identification and Delineation

Oklahoma State University, Hazardous Materials Management Certification Course

OSHA 40-Hour HAZWOPER Training Course

8-Hour HAZWOPER Refresher Course

Certifications

Certified Hazardous Materials Manager Institute of Hazardous Materials Management: Inactive

Certificate of Completion, Regulatory IV Interagency Wetlands Identification and Delineation, U.S. Army Corps of Engineers

Professional Experience

Gregg Armstrong is a senior environmental scientist with more than 15 years of experience in development of environmental work plans, performance of Phase I environmental site assessments, wetland identification and delineation, and administration of the quarterly monitoring of underground storage tanks. His extensive project experience includes contract administration, comprehensive site investigation, work plan preparation, technical review, and supervision of environmental compliance field personnel. He has been responsible for several state and countywide environmental investigations. Mr. Armstrong's understanding of federal and state agency procedures and regulations is invaluable to GSI's clients.

Related Project Experience

- **RiverCity WRAPS Development Phase (City of Wichita, KS)**
  Project manager responsible for the WRAPS Development Phase for the Lower Arkansas River Watershed Restoration and Protection Strategy. Directed development of Website linked to City of Wichita, WRAPS information / education program including public service announcements, public presentation, and public surveys, and recruitment of local stakeholders to organize the stakeholder leadership team responsible for directing future WRAPS projects.
- **Kansas Department of Health and Environment (KDHE) Brownfields Assessment and Property Redevelopment and State Water Plan Programs**
  Responsible for directing Phase I Environmental Site Assessment, development and implementation of Phase II Environmental Site Assessment and property redevelopment actions associated with KDHE Brownfields Assessment and Property Redevelopment and State Water Plan Programs. Projects include Rails to Trails projects, former shooting range lead reclamation, assessment of former lead and zinc smelter sites, commercial property assessment and redevelopment, comprehensive soil and groundwater investigations and site restoration.
- **Phase I and II Environmental Site Assessments, Local Government and Commercial Clients**
  Responsible for Phase I and II site assessments at commercial properties. Representative clients include City of Wichita, U.S. Army National Guard, Picerne Military Housing, Spirit Aerospace, Boeing Aircraft, Commerce Bank, Spangenberg Phillips Architects, Student Suites and NMF, Canada.
- **Wetland Identification, Delineation and Mitigation, Kansas and Nebraska**
  Performed jurisdictional wetland identification and delineation for proposed residential and commercial land development projects in Kansas and Nebraska. The scope of work for these projects included delineation and mapping of jurisdictional wetland within the project boundaries, consultation with project engineers regarding minimization of impact to identified wetlands, identification of potential mitigation opportunities and permit application. Representative clients include Wichita Airport Authority, Sedgwick County Public Works, MKEC Engineering, Professional Engineering Consultants, City of Newton, Butler County, Baughman Company, P.A., Occidental Management, and Slawson Development.

- **Comprehensive Groundwater Investigation, State Water Plan, Kansas, for Kansas Department of Health and Environment (KDHE)**
  Responsible for comprehensive groundwater investigations throughout the state of Kansas. The scope of work included development of work plans to identify and delineate the extent of groundwater contamination within public water supply aquifers, development and implementation of groundwater sampling and analysis plans, potential source identification, and preparation of final reports and recommendations.

- **Administration of Underground Storage Tank (UST) Trust Fund Monitoring Sites, Kansas, for KDHE**
  Developed and administered quarterly monitoring programs for more than 120 UST sites throughout the state. The scope of work included contract administration, scheduling and supervision of field staff, data compilation and interpretation, report preparation and recommendations for further actions.

- **Waste Management, Various Locations**
  Provided environmental services including characterization of potentially hazardous wastes generated during spill response, and site investigations for various clients. The scope of work for these projects includes waste characterization, determination of waste classifications, and recommendations for final disposal of waste.

- **Remedial Systems Operations and Maintenance, Various Locations**
  Provided installation and operations and maintenance of various soil and groundwater remediation systems including air sparging, soil vapor extraction, dual-phase extraction, conventional pump and treat systems, and in-well air stripping systems.