

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
PROPOSED FRANKLIN COUNTY INDUSTRIAL PARK
SOUTHWEST OF LABETTE ROAD AND MONTANA ROAD
OTTAWA, KANSAS 66067**

December 2, 2014



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A Report Prepared for:

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and

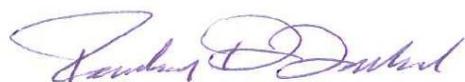
City of Ottawa, Kansas
101 S. Hickory Street
Ottawa, Kansas 66067

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SOUTHWEST OF LABETTE ROAD AND MONTANA ROAD
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1 EXECUTIVE SUMMARY

Blackstone Environmental, Inc. (Blackstone) has completed a Phase I Environmental Site Assessment (Phase I ESA) of current agricultural land parcels located southwest of Labette Road and Montana Road in Ottawa, Kansas, 66067. The Site, as defined in this Phase I ESA, is composed of six parcels located at 2542 Montana Road, 2580 Montana Road, 2620 Montana Road, 2660 Montana Road, 2690 Montana Road, and 2655 Kingman Road in Ottawa, Franklin County, Kansas. The Phase I ESA was performed for Professional Engineering Consultants (PEC) on behalf of the City of Ottawa, Kansas to assess site conditions, both past and present, for indications of recognized environmental conditions (RECs) at the Site prior to the planned acquisition and development of the Site as an industrial park. The definition of REC is provided in Section 2.1. This report was prepared using the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E1527-13, and All Appropriate Inquiries in accordance with 40 CFR 312.

The approximate 310-acre Site consists of agricultural land. The approximate Site boundaries are shown on Figure 2. Land use in the area of the Site is mostly agricultural. The Site is being considered for development as an industrial park.

Based on a review of readily available historical information, the Site which is southwest of Labette Road and Montana Road in Ottawa, Kansas appears to have been in agricultural use since the early 1900s. Residences (homesteads) were located on parcels currently owned by Tice, Boucek, and the two parcels owned by LaGalle. Two residences are currently present on the Tice parcel. The Boucek homestead was removed from the parcel sometime between 1969 and 1985. The homestead on the 79.9-acre LaGalle parcel was removed sometime between 1956 and 1969. The homestead on the 4.74-acre LaGalle property was removed sometime between 2006 and 2008, although a storage shed remains on the property. It appears that up to four outbuildings were present on the Patry property between 1985 and 2012 in the vicinity of where discarded tires were removed from the parcel in 2014. From a review of a July 2012 aerial photo available from Google Earth, debris (possibly wood) and other materials appeared to be scattered about just south of the outbuildings on the Patry property. Additionally, another small area of debris and other materials was evident on the aerial photograph approximately 200 feet southwest of the outbuildings, adjacent to the northwest side of the pond. The outbuildings were demolished by 2014. The demolition materials were reportedly buried on-site. The owner's representative stated that the buried debris did not contain petroleum products, hazardous substances or asbestos. Based on this disclosure, the buried debris is not considered a REC. However, the materials may require removal and replacement with suitable fill when the Site is redeveloped. At least one inactive water well (4.74-acre LaGalle property) and several former rural residence septic systems may require

abandonment when the Site is redeveloped. All existing structures should be checked for asbestos prior to being razed for commercial redevelopment purposes. Agricultural chemicals and nutrients have been applied to the parcels comprising the Site. Indications of over-use of these products (such as stressed vegetation, bare spots, stained areas, etc.) were not identified during the site reconnaissance and the use of agricultural products was not considered a REC.

Properties to the east, west, and south of the Site have also been historically used for agricultural purposes, with several residences located east of the Site along Montana Road. Interstate Highway I-35 runs along a portion of the northwestern Site boundary. Property immediately north of the Site is in agricultural use. The City of Ottawa, Kansas is located to the north and west of the Site. Indications of RECs associated with historic land use on and in the immediate vicinity of the Site were not identified.

Review of environmental database records did not reveal indications of RECs associated with the subject Site or adjoining properties.

Indications of RECs, historic RECs (HRECs) or controlled RECs (CRECs) associated with this Site were not identified during the completion of this Phase I ESA. Information leading to this conclusion is presented throughout the Phase I ESA report relative to review of regulatory databases and files, research of historical resources, site reconnaissance activities, interviews with current and former key site personnel, and interviews with governmental personnel. The specific detail and rationale for the findings of RECs, HRECs, CRECs, or environmental concerns are summarized in Section 8.2. This report should be referenced in its entirety, in addition to Sections 8.2 and 8.5, relative to the findings summarized above.

This report is subject to the limitations in Section 2.4.

2 INTRODUCTION

The following report presents a summary of work performed in general accordance with guidelines of the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Assessments: Phase I Environmental Assessment Process (ASTM Standard Practice E 1527-13, hereinafter referred to as the "Standard Practice"). The work has also been performed in general accordance with the All Appropriate Inquiry (AAI) section of the Small Business Liability Relief and Brownfields Revitalization Act (AAI – 40 CFR Part 312). This report generally conforms to the Standard Practice's suggested format and table of contents.

2.1 PURPOSE

The purpose of this Phase I ESA is to identify recognized environmental conditions (RECs) and other environmental issues related to the Site, to the extent feasible pursuant to the scope of services defined in our Proposal 2014-97, dated November 18, 2014 (Contract), and limitations discussed in this report. As defined in the Standard Practice, a REC is:

The presence or likely presence of any hazardous substances or petroleum products in, on or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

Our assessment methodology and findings are documented in the following sections of this report, and are subject to the limitations described in Section 2.4.

2.2 DETAILED SCOPE OF SERVICES

As mentioned, this Phase I ESA was performed in general accordance with our Proposal 2014-97, the Standard Practice, and AAI as reflected in the scope of this report. The scope of services included identification of the level of services desired by the Client based on the purpose for performing the Phase I ESA, and developing information to identify RECs in connection with the Site by gathering user-provided information, obtaining and reviewing regulatory databases, reviewing historical and physical records, conducting interviews, initiating local governmental inquiries, and a visual, noninvasive reconnaissance of the Site and adjoining properties. Limitations, deviations from the ASTM Standard, and data gaps, if evident, are discussed herein.

This Phase I ESA report does not incorporate additional services that are non-scope considerations relative to the Standard Practice. Non-scope considerations as defined by the

Standard Practice include radon, lead-based paint, asbestos, lead in drinking water, wetlands, regulatory compliance, vapor intrusion assessment, cultural and historical resources, endangered species, indoor air quality, high voltage power lines, etc.

2.3 SIGNIFICANT ASSUMPTIONS

This Phase I ESA has been performed in general accordance with the Standard Practice. As indicated in the Standard Practice, no environmental site assessment can wholly eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property. This assessment is intended to reduce, but not eliminate uncertainty regarding the potential for recognized environmental conditions in connection with a property and recognized reasonable limits of time and cost.

It should be noted that portions of this Phase I ESA report are based on unverified information supplied to Blackstone by third-party sources. Efforts have been made to substantiate third-party information; however, Blackstone cannot guarantee its completeness or accuracy.

The property subject to the Phase I ESA is referred to as the "Site" within this report.

2.4 LIMITATIONS AND EXCEPTIONS

The work described herein was performed in accordance with the proposed scope of services approved by our Client. Environmental issues not specifically addressed in this report, such as services for subsurface or other invasive assessments, or evaluation of business environmental risk, were beyond the scope of our services and not included in our evaluation. Blackstone has performed the services in a manner consistent with that level of care and skill ordinarily exercised by other members of our profession currently practicing in the same locality and under similar conditions, within the limitations of the Standard Practice and the AAI Rule established by the U.S. Environmental Protection Agency (40 C.F.R. Part 312). We have endeavored to meet this standard of care, but may have been limited by conditions encountered during performance, or inability to review information not received by the report date. When appropriate, such limitations are discussed in the report relative to their significance with respect to our findings. No warranties, express or implied, are intended or made.

Limitations identified herein must be considered when the user of this report formulates opinions regarding risks associated with the Site. Additional research and assessment may be performed to further evaluate risks, if requested by the Client. We will, upon request, advise the Client of additional research or assessment options that may be available at an additional cost.

2.5 SPECIAL TERMS AND CONDITIONS

There were no special terms and conditions established beyond the terms and conditions of the Contract between Blackstone and Professional Engineering Consultants, P.A. (PEC). PEC executed this Contract on behalf of the City of Ottawa, Kansas (City). The City may rely on this report contingent on its acceptance of the Terms and Conditions of the Contract and the limitations, exceptions, and conditions stated in this report.

2.6 USER RELIANCE

This Phase I ESA report has been prepared for the exclusive use of PEC and the City of Ottawa, Kansas. No other entity may rely on this report without the express written consent by Blackstone, PEC and the City of Ottawa. Unless specifically agreed to in advance by Blackstone, non-compliance with this requirement will release Blackstone from any liability resulting from the use of this report by any unauthorized party. Because Site activities and regulations beyond our control could change at any time after the completion of this report, our observations, findings, and opinions can be considered reliable as of the date of the Site visit, but may be limited by material changes in Site circumstances.

3 SITE DESCRIPTION

The Site description is presented in this section and describes the condition of the Site at the time of the Phase I ESA. Tables 3-1 through 3-4 summarize pertinent Site information including location, use, improvements on the Site, and physical characteristics of the Site and adjoining properties. The information provided in the Tables was obtained from review of various maps, aerial photographs, public records, interviews, the EDR database search, and information provided by the Client. The Site location is shown on Figure 1. Figure 2 presents an aerial photograph with the approximate site boundaries as defined by the Client.

3.1 LOCATION AND LEGAL DESCRIPTION

TABLE 3-1 SITE DESCRIPTION INFORMATION

Attribute	Information
SITE NAME	Proposed Franklin County Industrial Park
ADDRESS/LOCATION	Southwest of Labette Road and Montana Road, Ottawa, Kansas
TOWNSHIP & RANGE	NW ¼, NE ¼ Section 13, Township 17 South, Range 19 East, Ottawa, Franklin County, Kansas
LEGAL DESCRIPTION	See Franklin County Appraiser information, Appendix D
ACREAGE	Approximately 310 acres

3.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The approximate 310-acre Site consists of agricultural land, with one storage shed and two residences. The approximate Site boundaries are shown on Figure 2. Land use in the area of the Site is agricultural. Interstate I-35 borders a portion of the northwestern property boundary, and the City of Ottawa, Kansas is located across Interstate I-35, northwest of the Site. Topographic relief at the Site generally slopes from southeast to northwest. The Site is being considered for development as an industrial park.

3.3 CURRENT/PROPOSED USE OF THE PROPERTY

Current and proposed uses are described in Table 3-2.

Table 3-2 CURRENT/PROPOSED USES

Use	General Observations
CURRENT USE	Agricultural Land
PROPOSED USE	Development of an Industrial Park

3.4 SITE STRUCTURES/IMPROVEMENTS

Table 3-3 describes structures and improvements observed on the Site at the time of Blackstone's November 21, 2014 site reconnaissance. The property is accessible from Montana and Kingman Roads.

Table 3-3 STRUCTURES/IMPROVEMENTS

On Site	General Observations
STRUCTURES	There are two residences and two utility sheds on the 9.4-acre Tice property and a storage shed is located on the 4.74-acre LaGalle property.
IMPROVEMENTS	The residences on the Tice property have rural water and electricity. A groundwater well is located on the 4.74-acre LaGalle property.

3.5 CURRENT USES OF ADJOINING PROPERTIES

Blackstone performed a brief drive-by survey of the properties immediately adjoining the Site on November 21, 2014. Table 3-4 summarizes the observed current use of the adjoining properties.

Table 3-4 ADJOINING PROPERTIES

Direction	Land Use Description
NORTH	Agricultural Use and Interstate I-35
SOUTH	Agricultural Use
EAST	Agricultural Use: Crops and cattle; Several residences
WEST	Agricultural use, Rock Creek, additional agricultural land

Obvious indications of RECs associated with hazardous substances or petroleum products were not observed on the properties adjoining the Site.

4 USER PROVIDED INFORMATION

A Phase I Environmental User Questionnaire was completed by Mr. Richard U. Nienstedt, City Manager of Ottawa, Kansas, representing the “User” of this Phase I ESA. A copy of the completed questionnaire is included in Appendix D. Responses to User questions relative to AAI are summarized in the following sections.

4.1 REASON FOR PHASE I ESA

The User indicated the Phase I ESA is required to ascertain the environmental condition of the property and increase its marketability.

4.2 CURRENT AND FUTURE USE OF THE PROPERTY

The User indicated the current use of the property is agricultural. The future use of the property is planned to be as an industrial park.

4.3 TITLE RECORDS

The User has engaged Haley Title of Ottawa, Kansas to review title and lien records. The review is currently on-going and includes a review of all public records relating to the title and current or potential encumbrances on the title. The title search was not available to Blackstone at the time of the preparation of this Phase I ESA. Preparation of a chain-of-title was not included in the contracted scope of services.

4.4 ENVIRONMENTAL LIENS OR ACTIVITY USE LIMITATIONS

The User was not aware of any Environmental Liens or Activity Use Limitations on the Site.

4.5 SPECIALIZED KNOWLEDGE

The User indicated no specialized knowledge for the subject Site that would indicate the potential for RECs.

4.6 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The User was not aware of environmental issues which could reduce the fair market value of the Site.

4.7 REASONABLY ASCERTAINABLE INFORMATION

No other reasonably ascertainable information was available to the User.

4.8 OBVIOUS INDICATORS OF CONTAMINATION AT THE SITE

The User was not aware of any obvious indicators that point to the presence or likely presence of hazardous substance or petroleum product contamination at the Site.

4.9 OWNER, PROPERTY MANAGER, OCCUPANT INFORMATION

The User provided contact information for current owners of the parcels that comprise the subject Site, with the exception of Richard and Mary Tice. The owners were interviewed by Blackstone and a summary of the interviews is provided in Section 7.2.

5 RECORDS REVIEW

The purpose of the records review is to obtain and review records that would help to evaluate RECs or issues of potential concern in connection with the Site and bordering properties.

5.1 STANDARD ENVIRONMENTAL RECORD SOURCES

Federal, state and local regulatory agencies publish databases or lists of businesses and properties that handle hazardous materials or hazardous waste, or are the known location of a release of hazardous substances to soil and/or groundwater. Blackstone contracted a commercial database service, Environmental Data Resources, Inc. (EDR), of Milford, Connecticut to perform the government database search for listings within the appropriate ASTM minimum search distances of the Site. The search distances for this Phase I ESA were based on the minimum ASTM specified distances from the approximate perimeter of the Site.

A description of the types of information contained in each of the databases reviewed, the agency responsible for compiling the data, and date each database was last updated is also included in the EDR Radius Map Report. The EDR database search results presented in Appendix B include the databases summarized in Table 5-1.

Table 5-1 RECORDS REVIEW, SEARCH DISTANCE, AND FINDINGS

Database	Description	Radius (Miles)	Listings Reported
Federal			
NPL	EPA National Priority List (NPL) – EPA's database of uncontrolled or abandoned hazardous waste facilities listed for priority services under the Superfund Program.	1.0	0
NPL (Delisted)	The NPL Delisted refers to facilities that have been removed from the NPL.	1.0	0
CERCLIS	The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database includes facilities that EPA has or is currently investigating for a release or threatened release of hazardous substances.	0.5	0
CERCLIS/ NFRAP	CERCLIS-No Further Remedial Action Planned (NFRAP). No further remedial action planned after EPA investigation.	0.5	0
RCRA CORRACTS/ TSD	EPA list of Resource Conservation Recovery Act (RCRA) facilities associated with treatment, storage or disposal of hazardous waste that are undergoing corrective action. Corrective Action is required when there has been a "release" of hazardous waste constituents into the environment.	1.0	0

Table 5-1 RECORDS REVIEW, SEARCH DISTANCE, AND FINDINGS

Database	Description	Radius (Miles)	Listings Reported
RCRA Non-CORRACTS/TSD	EPA list of facilities that report treatment, storage, or disposal of hazardous waste, that are not subject to Corrective Action under RCRA.	0.5	0
RCRA Generators	EPA database of facilities that generate hazardous waste as part of their normal business practice; generators of hazardous waste are regulated under RCRA. Generators are either small quantity generators (SQG), large quantity generators (LQG), or conditionally exempt small quantity generators (CESQG).	Site and adjoining properties	0
US ENG/INST CONTROLS (IC/EC)	EPA listings of sites with institutional controls (deed restrictions, use restrictions, etc.), or engineering controls (caps, liners, etc.), which include administrative or physical controls for waste/contamination and/or to restrict potential exposure to contamination.	Site	0
ERNS	The Emergency Response Notification System (ERNS) is an EPA list of reported releases of petroleum and hazardous substances to the air, soil, and/or water.	Site	0
State			
SHWS	State and tribal equivalent CERCLIS sites. The Kansas Department of Health and Environment (KDHE) maintains a database of state-equivalent CERCLIS facilities in Kansas.	1.0	0
SWF/LF	State/tribal database of solid waste facilities in Kansas	0.5	0
LUST/LAST	State/tribal database of leaking underground and above-ground storage tanks in Kansas.	0.5	2
UST/AST	State/tribal database of registered storage tanks in Kansas.	Site and adjoining properties	0
IC	Sites having institutional controls entered into the Identified Sites List maintained by the KDHE.	Site	0
VCP	State/tribal facilities included in the Kansas Voluntary Cleanup Program.	0.5	0
Brownfields	State/tribal listing of Brownfield properties in Kansas.	0.5	0

Note: Additional detail on databases searched is included in the EDR Radius Report in Appendix B.

The subject Site was not listed in the database listings. Additional details regarding listed sites may be found in Table 5-2 and in the EDR reports in Appendix B.

5.2 ADDITIONAL ENVIRONMENTAL RECORD SOURCES

In addition to the above databases, Blackstone reviewed other federal, state, local, and proprietary databases that are included by EDR in their report. The additional records/databases searched via EDR's report are identified on Pages 5 and 6 of the Map Findings Summary from EDR's radius report in Appendix B. The listings identified from the additional databases included one RCRA hazardous waste non-generator within ¼ mile of the Site. The RCRA non-generator is not located on or adjacent to the Site and is not considered a REC to the subject Site.

Additionally, several database listings within the ASTM-specified search distances were not discussed in Table 5-2. These include one AST listing within ¼ mile of the Site and one SHWS listing (resolved status) within 1-mile of the Site. Based on location and regulatory status, these listings are not considered RECs to the subject Site.

5.3 RESULTS OF DATABASE SEARCH

The Site was not listed in the regulatory databases researched by EDR. Details regarding listed sites within the ASTM-specified search distances (excepting those noted above) may be found in Table 5-2 and in the EDR reports in Appendix B.

TABLE 5-2 DATABASE SEARCH RESULTS

DATABASE LISTINGS	FACILITY NAME/ADDRESS	REC (Y/N)
LUST;UST (Leaking Underground Storage Tank: Underground Storage Tank)	Fogle Quarry Co Inc 800 E. 23 rd Street Ottawa, Kansas	No

According to the database, the Fogle Quarry was listed in the LUST and UST databases. This facility is located across Interstate I-35 on 23rd Street, approximately 1500 feet west-northwest of the subject Site. Two separate LUST incidents are reported in the database. One 4000-gallon diesel tank and two 4000-gallon gasoline USTs were removed in 1989. Residual contamination, thought to be from a leaking gasoline UST which was abandoned and replaced in 1984, was encountered during the 1989 UST removal activities. Impacted soils containing up to 200 parts per million of petroleum hydrocarbons were excavated and treated by aeration (landfarming) on-site. A small amount of groundwater was encountered during excavation activities in the surface gravel above the sand/clay fill material. The tanks were set on limestone. The second incident was reported in November 1991. Four 1000-gallon lube oil and one 2500-gallon waste oil USTs and piping were removed. Impacted soils or groundwater were not encountered during this excavation. According to the KDHE Underground/Aboveground Storage Tank Assessment Database, both of these incidents are considered closed by KDHE. According to the database and the KDHE Public Storage Tank Information Database, the following eight additional USTs were removed from the facility: one 4000-gallon diesel tank, and one 4000-gallon empty tank in 1974; one 4000-gallon gasoline tank in 1981; and one 2500-gallon heating oil and four 550-gallon waste oil tanks in 1984. Based on regulatory status and location, the listing of this site in the LUST/UST databases is not considered a REC to the subject Site. The KDHE Public Storage Tank Information Database indicates that the UST removals are also

TABLE 5-2 DATABASE SEARCH RESULTS

DATABASE LISTINGS	FACILITY NAME/ADDRESS	REC (Y/N)
considered to be closed by the Agency.		
LAST (Leaking Aboveground Storage Tank)	Edwards 66 Services 216 E. 23 rd Street Ottawa, Kansas 66067	No
<p>Edwards 66 Service was listed in the LAST database. This facility is located across Interstate I-35 on 23rd Street, approximately just under ½-mile west-northwest of the subject Site. An anonymous caller reported a piping leak to the KDHE. A date is not given for the report. The leak was discovered when gas seeped up through cracks/joints in the concrete near the pump island. Five trenches were placed around the facility to determine impact from the AST or other activities at the facility. The system was tightness tested and all lines were replaced. The ASTs were relocated on a pad with a retainer. The EDR Report states that groundwater impact is expected to be widespread at the site, but no information is provided to indicate that impacts were discovered. KDHE assigned the site to monitoring status on August 25, 1997. No additional information was available from the KDHE Underground/Aboveground Storage Tank Assessment Database. Based on regulatory status and location relative to the Subject Site, this inactive LAST site is not considered a REC to the subject Site.</p>		

5.3.1 Orphan Sites

Orphan sites are unmapped facilities that do not contain sufficient address or location information to be mapped relative to the Site in EDR's radius report. One orphan site was indicated for this Phase I ESA, as shown on Page 21 of EDR's report. Determining the exact locations of orphan sites is beyond the scope of this assessment. This orphan site was listed in the LUST database and is located outside the ASTM-specified search distances. A review of the KDHE-BER identified sites list indicated that the orphan listing was the Ottawa Former Manufactured Gas Plant located on North Oak Street between East 1st Street and East Pontiac Street, more than 2.5 miles north of the subject Site. Therefore, it is not considered REC to the subject Site.

5.3.2 Well Search

A search for various types of wells located within one-mile from the Site was included in EDR's radius report. A map with plotted locations is included on page A-13 of EDR's report, and information concerning the wells is included on pages A-11 through A-26. No monitoring/observation wells were listed within ½-mile of the Site. Five oil/gas wells were identified within 1 mile of the subject Site in the database report. The database report indicates that four of the five wells have been plugged and abandoned. One well is listed as approved with the intent to drill, but a plug date (which is the same as the completion date) is provided. A review of the Kansas Geological Survey (KGS) oil and gas well database confirms that the four wells have been plugged and abandoned. The fifth well, listed as approved with the intent to drill is not listed in the KGS oil and gas well database, indicating that it is unlikely that the well was ever completed for use as an oil/gas well. One additional well, not listed in the database, was identified in the KGS

oil and gas well database as being located within ½-1 mile north-northeast of the Site. The well status is listed as approved with the intent to drill a gas well. The original operator of the well was Fogle Rentals, but the database lists the current operator as unknown. A copy of the intent to drill dated November 28, 1980 is available on the KGS database. However, the KGS database does not provide a completion date or a plugging date. Therefore it is not clear whether this well was ever completed for use as a gas well. This well would not be considered a REC based on its location relative to the subject Site

5.4 OTHER RECORDS REVIEWED/AGENCIES CONTACTED

Additional sources of environmental records were evaluated as part of this Phase I ESA for reasonably ascertainable and/or practically reviewable documentation regarding RECs present at the Site and adjoining properties. The additional sources contacted are discussed in the following sections.

5.4.1 Kansas Department of Health and Environment

The Kansas Department of Health and Environment (KDHE) Bureau of Environmental Remediation (BER) Identified Sites website was accessed to review records of environmental use controls (EUC) or institutional controls (IC) associated with the Site. The website indicates remediation sites in Kansas with institutional control (Long-Term Stewardship) tracked by the BER Program of KDHE. No sites were observed on the Identified Sites List Map (Appendix D) for EUC/IC at or adjoining the subject Site address.

The KDHE Underground/Aboveground Storage Tank Assessment Database and the KDHE Public Storage Tank Information Database were reviewed to obtain file information regarding the LUST/UST and the LAST site discussed in Table 5-2 and Section 5.3.1.

5.4.2 Franklin County, Kansas

Parcel information providing property detail was obtained from the Franklin County, Kansas website and is included in Appendix D. A summary of the Franklin County property detail for each parcel is provided below.

Parcel 030-136-13-0-00-01-008.00-0, 4.74 Acres; 2542 Montana Road, Ottawa, Kansas, 66067

Owner: Wayne H. & Betty A. LaGalle Trust
2976 Kingman Road
Ottawa, Kansas 66067
785-242-1795

Property Detail: The property is listed as agricultural use for farming/ranch land with access to public (rural) water. The property is listed as covered in native grasses. A single metal on wood frame 28 feet by 16 feet farm utility storage building is located on the property.

Parcel 030-136-13-0-00-01-009.00-0, 79.6 Acres; 2580 Montana Road, Ottawa, Kansas, 66067

Owner: Wayne H. & Betty A. LaGalle Trust
2976 Kingman Road
Ottawa, Kansas 66067
785-242-1795

Property Detail: The property is listed as agricultural use for farming/ranch land with no improvements or utilities. Approximately 65.093 acres are used for dry land farming and 14.84 acres are covered in native grasses. No structures are present on the property.

Parcel 030-136-13-0-00-01-010.00-0, 79.3 Acres; 2620 Montana Road, Ottawa, Kansas,

Owner: Jeanne M. & Brion James Boucek Trust
10150 Theden Cir.
Lenexa, Kansas 66220
913-839-0081

Property Detail: The property is listed as agricultural use for farming/ranch land with no improvements or utilities. Approximately 55.93 acres are used for dry land farming and 23.62 acres are covered in native grasses. Access to the property is via a semi-improved road. No structures are present on the property.

Parcel 030-136-13-0-00-01-011.00-0, 9.3 Acres; 2660 Montana Road, Ottawa, Kansas, 66067

Owner: Richard R. and Mary F. Tice

2660 Montana Road
Ottawa, Kansas 66067

Property Detail: The property is listed as a farming/ranch operation with improvements. Only one residence is listed on the property, although from the site reconnaissance, there are two residences present. The property detail also lists two farm utility sheds which were observed during the site reconnaissance.

Parcel 030-136-13-0-00-01-001.00-0, 64.1 Acres; 2690 Montana Road Ottawa, Kansas, 66067

Owner: John M. and Rebecca S. McFarland
1583 Montana Road
Princeton, Kansas 66078
785-418-1068

Property Detail: The property is listed as agricultural use for farming/ranch land with no improvements or utilities. Approximately 54.35 acres are used for dry land farming, 5.63 acres are covered in tame grass, and 4.20 acres are covered in native grasses. No structures are present on the property.

Parcel 030-136-13-0-00-01-001.00-0, 73.4 Acres; 2655 Kingman Road, Ottawa, Kansas, 66067

Owner: Charles A. & Donna May Patry Trusts
1542 S. Elm Street
Ottawa, Kansas 66067
785-241-2135

Property Detail: The property is listed as agricultural use for farming/ranch land with agricultural improvements but no utilities. Approximately 49.06 acres are used for dry land farming, 19.43 acres are covered in tame grass, and 4.93 acres are covered in native grasses. A small farm pond is located on the property. There are no structures present on the property.

5.5 PHYSICAL SETTING SOURCE(S)

Table 5-3 presents information about the physical setting of the Site and surrounding area. This information was obtained from published maps and other resources.

Table 5-3 PHYSICAL SETTING FOR SITE AND SURROUNDING AREA

PHYSICAL SETTING INFORMATION		SOURCE
Topography		
<i>Site Elevation</i>	The approximate site elevation is 910 feet (amsl) in the northwest portion of the site to approximately 940 feet (amsl) in the southeast portion of the site.	USGS Topographic Map South Ottawa and Peoria 7.5-Minute Quad, 1956, Photorevised 1983
<i>Surface Runoff/ Topographic Gradient</i>	The Site generally drains from southeast to northwest.	
<i>Closest Surface Water</i>	Rock Creek is located adjacent to the west of the Site.	
Soil Characteristics		
<i>Soil Types</i>	Kenoma silt loam.	SSURGO Soil Map included with EDR report.
<i>Description</i>	<u>Kenoma silt loam</u> Class D hydrologic group soils with very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.	
Geology/Hydrogeology		
<i>Geology</i>	Era: Paleozoic Category: Stratified Sequence System: Pennsylvanian Series: Virgilian Series	Geologic Age and Rock Stratigraphic Unit, included with EDR report.
<i>Hydrogeology</i>	The EDR well search revealed 27 water wells within 1 mile of the Site. Most wells were completed at depths less than 20 feet, with static water levels from about 3 to 12 feet.*	KGS database; Kansas wells, included with EDR report.
<i>Oil and Gas</i>	The EDR report identified five oil/gas wells within 1 mile of the Site. The Well Class for four of the wells was identified as plugged and abandoned. One well was listed approved with the intent to drill; however a plugging date is provided in the EDR Report. This well is not listed in the KGS Oil and Gas Database. One additional well was listed on the KGS Database as being located within 1 mile of the Site. The well status is listed as approved with the intent to drill a gas well. The original operator of the well was Fogle Rentals, but the database lists the current operator	EDR and KGS Oil and Gas Well Database.

Table 5-3 PHYSICAL SETTING FOR SITE AND SURROUNDING AREA

PHYSICAL SETTING INFORMATION	SOURCE
as unknown. A copy of the intent to drill dated November 28, 1980 is available on the KGS database. However, the KGS database does not provide a completion date or a plugging date. Therefore it is not clear whether this well was ever completed for use as a gas well.	

*The groundwater flow direction may be expected to follow topography, at least with respect to shallow unconfined groundwater; however, without the appropriate wells on site, groundwater flow direction and depth cannot be definitively determined.

5.6 HISTORICAL USE INFORMATION

Blackstone reviewed historical sources for indications of RECs. Our review was focused on researching historical documents to identify obvious uses. Historical land use was researched to the first developed use of the Site, or back to 1940, whichever is earlier or readily available. The historical use information for the Site and the adjoining properties is presented collectively in this section.

5.6.1 Historical Topographic Maps

The EDR data package included historical topographic maps for the Site area. These topographic maps were reviewed to identify indications of RECs. The topographic maps that were readily available are listed below. Copies of the historical topographic maps reviewed are included in Appendix B:

- Lawrence, published **1885** (1:125,000)
- Ottawa South, published **1956** (1:24,000)
- Peoria, published **1962** (1:24,000)
- Ottawa South, published **1973** (1:24,000)
- Ottawa South, published **1983**; photorevised from 1956 (1:24,000)
- Peoria, published **1983**; photorevised from 1956 (1:24,000)

Table 5-4 HISTORICAL TOPOGRAPHIC MAP OBSERVATIONS

Direction	Description
Site	1885: No structures are shown on the property located southwest of Labette and Montana Roads. 1956: No structures are shown on the property located southwest of Labette and Montana Roads. 1962: Only the extreme eastern portion of the property is on the Peoria Quad. Two small structures are visible. 1973: No structures are shown on the Ottawa South Quad. However, the Quad does not include the extreme eastern portion of the property. 1983: Several small structures and/or outbuildings are shown on the eastern portion of the Site.

Table 5-4 HISTORICAL TOPOGRAPHIC MAP OBSERVATIONS

Direction	Description
North	1885: No structures are shown on the properties located immediately north of the Site. 1956: No structures are shown on the properties located immediately north of the Site. 1962: Only the extreme eastern portion of the Site is on the Peoria Quad. No structures are shown on the properties located immediately north of the portion of the Site on the Peoria Quad. 1973: No structures are shown on the properties located north of the Site on the Ottawa South Quad. However, the Quad does not include the extreme eastern portion of the Site. 1983: No structures are shown on the properties located immediately north of the Site.
East	1885: No structures are shown on the properties located immediately east of the Site. 1956: The properties east of the Site are not shown on the Ottawa South Quad. 1962: One small structure is shown on the northwest corner of the properties located immediately east of the Site. 1973: The properties east of the site are not shown on the Ottawa South Quad. 1983: Two small structures or outbuildings are shown on the northwest corner of the properties located immediately east of the Site.
South	1885: No structures are shown on the properties located immediately south of the Site. 1956: No structures are shown on the properties located immediately south of the Site. 1962: Only the extreme eastern portion of the Site is on the Peoria Quad. Two small structures are shown on the properties located immediately south of the portion of the Site on the Peoria Quad. 1973: No structures are shown on the properties located south of the Site on the Ottawa South Quad. However, the Quad does not include the extreme eastern portion of the Site. 1983: No structures are shown on the properties located immediately south of the Site.
West	1885: No structures are shown on the properties located immediately west of the Site. 1956: No structures are shown on the properties located immediately west of the Site. 1962: The properties west of the Site are not shown on the Peoria Quad. 1973: No structures are shown on the properties located immediately west of the Site. 1983: No structures are shown on the properties located immediately west of the Site.

Note: USGS topographic maps may not show individual structures present within an area designated as, and shaded as "Urban Area." While observations may suggest no structures are shown, that does not necessarily indicate there were no structures on the property.

5.6.2 Historical Aerial Photographs

A review of historical aerial photography may indicate past activities at a site that may not be documented by other means, or observed during a site visit. The effectiveness of this technique depends on the scale and quality of the photographs and the available coverage. Aerial photographs were obtained from EDR. Aerial photographs covering the period of time from 1956 to 2012 were available during the time frame that this report was being prepared. A tabulation of the aerial photographs reviewed is presented below, followed by observations. The aerial photographs reviewed are presented in Appendix B.

Aerial Photographs Reviewed:

Year	Scale	Details	Source
1956	1"=500'	Flight Date: July 4, 1956	EDR
1969	1"=500'	Flight Date: October 2, 1969	EDR
1985	1"=500'	Flight Date: July 5, 1985	EDR
1991	1"=500'	Flight Date: October 16, 1991	EDR
1996	1"=750'	Flight Date: March 10, 1996	EDR
2002	1"=500'	DOQQ – acquisition dates: February 16, 2002	USGS/DOQQ
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP

Table 5-5 HISTORICAL AERIAL PHOTOGRAPH OBSERVATIONS

Direction	Description
Site	<p>1956: Site appears to be in agricultural use. Four residences appear to be present on property now owned by Tice, Boucek, and the two parcels owned by LaGalle.</p> <p>1969: Site appears to be in agricultural use. Residences appear to be present on property now owned by Tice, Boucek, and the 4.74-acre parcel owned by LaGalle.</p> <p>1985: Site appears to be in agricultural use. Residences and outbuildings appear to be present on property now owned by Tice and the 4.74-acre parcel owned by LaGalle. Outbuildings can be seen on the Patry parcel, west of the 4.74-acre parcel owned by LaGalle. These outbuildings are in the area where the discarded tires were located.</p> <p>1991: Site appears to be in agricultural use. Residences and outbuildings appear to be present on property now owned by Tice and the 4.74-acre parcel owned by LaGalle. Outbuildings are still visible on the Patry parcel, west of the 4.74-acre parcel owned by LaGalle.</p> <p>1996-2002: Site appears to be in agricultural use. Residences appear to be present on property now owned by Tice and the 4.74-acre parcel owned by LaGalle. Outbuildings are still visible on the Patry parcel, west of the 4.74-acre parcel owned by LaGalle.</p> <p>2005 and 2006: Site still largely agricultural use. Two residences appear to be on the property owned by Tice along with a couple of outbuildings. The residence is still present on the 4.74-acre LaGalle property. Outbuildings are still visible on the Patry parcel, west of the 4.74-acre parcel owned by LaGalle.</p> <p>2008 to 2012: Site still largely agricultural use. Two residences appear to be on the property owned by Tice along with a couple of outbuildings. Only the storage shed appears to be present on the 4.74-acre parcel owned by LaGalle. Outbuildings are still visible on the Patry parcel, west of the 4.74-acre parcel owned by LaGalle. Review of July 2012 aerial photograph available through Google Earth indicates that four outbuildings appear to present on the Patry Property and significant debris (possibly wood) and other materials are present just to the south of the outbuildings. Additionally, another small area of debris and other materials was evident approximately 200 feet southwest of the outbuildings, adjacent to the northwest side of the pond.</p>
North	<p>1956: A residence is located northeast of the Site, at the intersection of Labette and Montana Roads. Remaining property to the north appears to be agricultural.</p> <p>1969: A residence is located northeast of the Site, at the intersection of Labette and Montana Roads. Remaining property to the north appears to be agricultural. A two lane highway is visible along a portion of the northern edge of the property.</p> <p>1985: A residence is located northeast of the Site, at the intersection of Labette and Montana Roads. Remaining property to the north appears to be agricultural. The highway, visible along a portion of the northern edge of the Site appears to be expanded to four lanes. The property north of the highway appears to be disturbed and possibly not in agricultural use. A couple of small buildings appear to be on the photo.</p> <p>1991: Most of the property north of the Site is not visible on the map. The highway is still present along a portion of the northern edge of the Site.</p>

Table 5-5 HISTORICAL AERIAL PHOTOGRAPH OBSERVATIONS

Direction	Description
	<p>1996: A residence is located northeast of the Site, at the intersection of Labette and Montana Roads. The highway is visible along a portion of the northern edge of the Site. The disturbed area noted on the 1985 photo appears to possibly be a quarry.</p> <p>2002: Similar to the 1996 photo, but the possible quarry area noted in the 1996 photo appears to less disturbed.</p> <p>2005 and 2006: Similar to the 2002 photo, but the possible quarry area appears to be planted in grass.</p> <p>2008 to 2012: Area appears similar to present day: A residence is located northeast of the Site, at the intersection of Labette and Montana Roads. Interstate highway I-35 is visible along a portion of the northern edge of the Site. The area immediately north of the Interstate now appears to be commercial/industrial development.</p>
East	<p>1956: Two residences are located east of the Site along Montana Road. Remaining property appears to be agricultural.</p> <p>1969: Only the residence east of the Site along Montana Road at the intersection of Labette and Montana Roads is visible. Remaining property appears to be agricultural.</p> <p>1985, 1991, and 1996: The residence at the intersection of Labette and Montana Roads is visible and another residence appears to be present across from what is now the 79.9-acre LaGalle Property.</p> <p>2002 to 2012: The photographs are similar to the 1996 photograph and generally depict the properties east of the Site as they are today.</p>
South	<p>1956: Property to the south is not visible on the map provided.</p> <p>1969: Property to the south is not visible on the map provided.</p> <p>1985: Property to the south is not visible on the map provided.</p> <p>1991 and 1996: Property to south appears to be agricultural.</p> <p>2002 to 2012: Property to the south appears to be agricultural.</p>
West	<p>1956: Property west of the Site appears to be agricultural.</p> <p>1969 to 1996: Property west of the Site appears to be agricultural, with trees growing along the areas close to Rock Creek.</p> <p>2002 to 2012: Property to the west generally appears as it does today, with agricultural use and trees growing along the property closest to Rock Creek.</p>

5.6.3 Historical Fire Insurance Maps

Historical fire insurance maps produced by the Sanborn Map Company were requested from EDR. Sanborn Fire Insurance Maps provide historical land use information for some metropolitan areas and smaller, established towns. Sanborn Fire Insurance Maps were not identified in the EDR collection for the Site. EDR's statement of no coverage is included in Appendix B.

5.6.4 Historical City Street Directories

Historical city directories can provide an indication of the type of use of the target property and adjoining areas, by street address. Polk's City Directory and Cole Information Services tend to be the primary sources for such information. EDR's report package included a search of historical city directories from 1964 to 2013 in the general vicinity of the Site. EDR's report is included in Appendix B.

The Site consists of agricultural land located southeast of Ottawa, Kansas. Addresses for the Site Parcels are 2542, 2580, 2620, 2660, and 2690 Montana Road and 2655 Kingman Road. The parcel listed at 2660 Montana Road was listed in the 1995, 1999, 2003, 2008, and 2013 under Tice, Dick. None of the Site parcels were listed in the 1995 directories. The parcel at 2542 Montana Road is listed in the 1999, 2003, 2008, and 2013 directories. The following information was provided in the historical directories:

- 1999 – occupant unknown
- 2003 – Raymond Crawford
- 2008 – Kimberly Beery
- 2013 – Occupant Unknown

The remaining four parcel addresses were not listed in the 1995, 1999, 2003, 2008, and 2013 directories.

During the site reconnaissance, residences were identified on the east side of Montana Street at 2715 Montana Road (just north of Labette Road), 2908 Labette Road (SW corner of intersection of Labette and Montana Roads), and 2597 Montana Road.

The Historical City Directory Search Identified the following for these addresses:

2715 Montana Road

- 1995 – Guy Ellis
- 1999 – Wayne Leatherberry
- 2003 – Occupant Unknown
- 2008 – Wayne Leatherberry
- 2013 – Occupant Unknown

2597 Montana Road

- 1995 – Not Listed
- 1999 – Richard Morrow
- 2003 – Occupant Unknown
- 2008 – Richard Morrow
- 2013 – Not Listed

2908 Labette Road

- 1995 – Not Listed

- 1999 – Richard Ybarra
- 2003 – Lori Vandris
- 2008 – Richard Ybarra
- 2013 – Richard Ybarra

5.6.5 Title Search

A Chain of Title report was not provided for Blackstone review and was not included in our scope of services.

5.6.6 Helpful Documents/Prior Report Review

There were no prior reports for the Site made available for review.

5.6.7 Historical Use Summary Information

Based on a review of readily available historical information, the Site which is southwest of Labette Road and Montana Road in Ottawa, Kansas appears to have been in agricultural use since the early 1900s. Residences (homesteads) were located on parcels currently owned by Tice, Boucek, and the two parcels owned by LaGalle. Two residences are currently present on the Tice parcel. The Boucek homestead was removed from the parcel sometime between 1969 and 1985. The homestead on the 79.9-acre LaGalle parcel was removed sometime between 1956 and 1969. The homestead on the 4.74-acre LaGalle property was removed sometime between 2006 and 2008, although a storage shed remains on the property. It appears that up to four outbuildings were present on the Patry property between 1985 and 2012 in the vicinity of where discarded tires were removed from the parcel in 2014. From a review of a July 2012 aerial photo available from Google Earth, debris (possibly wood) and other materials appeared to be scattered about just to the south of the outbuildings on the Patry Property. Additionally, another small area of debris and other materials was evident approximately 200 feet southwest of the outbuildings, adjacent to the northwest side of the pond. The observed debris may have been dumped on the property by others or may have been associated with the demolition of former on-site structures. Properties to the east, west, and south of the Site have also been used for agricultural purposes, with several residences located east of the Site along Montana Road. Interstate Highway I-35 runs along a portion of the northwestern Site boundary. Property immediately north of the Site is in agricultural use. Indications of RECs associated with historic land use on and in the immediate vicinity of the Site were not identified.

6 SITE RECONNAISSANCE

Blackstone's assessment activities included a site reconnaissance. This section summarizes the findings from the site reconnaissance.

6.1 METHODOLOGY AND LIMITING CONDITIONS

Anne S. Melia of Blackstone performed the site reconnaissance work on November 21, 2014. Site reconnaissance included a visual inspection of the Site to assist in identifying the presence or likely presence of hazardous substances or petroleum products under conditions that indicate an existing release, a past release, or threat of release into structures, soil, groundwater, or surface water at the Site (RECs). Observations of readily apparent existing conditions are summarized in Table 6-1, and color photographs of the Site are presented in Appendix C. The Site location is shown on Figures 1 and 2. A walkover was conducted of the Site perimeter and interior areas of the properties. Access was not provided to the parcel owned by Richard and Mary Tice. The site reconnaissance for this parcel was conducted from Montana Road and the adjoining McFarland and Boucek parcels. The residential structures were not entered. There were no other restrictions to access of the property at the time of the site reconnaissance. Light rain was falling during the site visit and the temperature was approximately 35 degrees F.

6.2 GENERAL SITE SETTING

The approximate 310-acre Site consists of agricultural land. The approximate Site boundaries are shown on Figure 2. Land use in the area of the Site is generally agricultural. Topographic relief at the Site generally slopes from southeast to northwest. The Site is being considered for development as an industrial park.

6.3 SITE OBSERVATIONS

Site observations are further described in Table 6-1.

Table 6-1 SITE OBSERVATIONS

Feature	Comment/Observations	Observed	
		Yes	No
Current use	Agricultural with two residences and several storage sheds.	X	
Current use likely to indicate RECs			X

Table 6-1 SITE OBSERVATIONS

Feature	Comment/Observations	Observed	
		Yes	No
Past use	Historical records indicate the Site has been in agricultural use.		X
Past use likely to indicate RECs			X
Structures	Two residences and two utility sheds are present on the 9.3-acre Tice property. A storage building is located on the 4.74-acre LaGalle property.	X	
Roads	The Site can be accessed from the east via Montana Road and from the south via Kingman Road.	X	
Topography of Site and surrounding area	The Site generally drains from southeast to northwest.	X	
Aboveground storage tank (AST)			X
Air emissions			X
Asbestos and lead	No surveys were completed.		X
Below grade vaults			X
Burned or buried debris	Based on the interview with Jeff Seymour, discarded tires have been recently removed from the Patry property. The area where the tires have been removed appeared to be slightly disturbed, but grass was growing over the area. No evidence of the previous outbuildings and debris noted on the Patry property in the July 2012 Google Earth Aerial Photograph was evident during the site reconnaissance. The interview with John Richeson, representative of the Patry family, revealed that the construction debris from the demolition of former outbuildings was buried on the Patry property.	X	
Chemical storage			X
Chemical mixing areas			X
Discolored soil or water			X
Ditches, streams			X
Drains and piping (e.g. floor drains/ trenches, sand / grease traps)			X
Drums			X
PCB- containing electrical or hydraulic equipment.			X
Farm waste (e.g. feedlot spoils or manure stockpile)			X
Fill dirt from an unknown source.			X
Hazardous chemical and petroleum products in connection with known or unknown use.			X
Non-hazardous containers with contents			X
Hazardous waste storage			X
Heating and cooling			X

Table 6-1 SITE OBSERVATIONS

Feature	Comment/Observations	Observed	
		Yes	No
system and fuel source			
Industrial waste treatment equipment			X
Odors			X
Pits, ponds, or lagoons	A small farm pond is located in the central portion of the Parry property.	X	
Pools of liquid			X
Process waste water			X
Sanitary sewer system			X
Septic system (e.g. tank and leach fields)	Access was not provided to the Tice property, but it is assumed that a septic system is present onsite for the two residences located on the property.		X
Soil piles	A soil pile was noted on the 4.74-acre LaGalle property. The soil was from expansion/remodeling activities at the Love's Country Store located a couple of miles to the west of the site.	X	
Solid waste/evidence of Unauthorized Dumping	There was no evidence of unauthorized dumping on the property; the Tice property has a solid waste collection dumpster for the proper disposal of solid waste.	X	
Stained pavement, soil or concrete			X
Stains or corrosion (interior, non-water)			X
Storm drains/catch basins	Storm water drainage ditches run along the eastern (along Montana Road) and southern (along Kingman Road) edges of the property.	X	
Stressed vegetation			X
Sumps and clarifiers			X
Surface water			X
Underground storage tank(s) (including heating oil tanks)			X
Unidentified substance containers			X
Waste water discharge			X
Water supplies (potable and process)			X
Wells (irrigation, monitoring, or domestic)	A groundwater well is present on the 4.74-acre LaGalle Property. A rural water meter is also said to be present on the property, but was not located during the site reconnaissance. It is assumed that the Tice Property is connected to rural water.	X	
Wells (oil and gas)			X

6.4 RESULTS OF SITE RECONNAISSANCE

A photographic summary of the site reconnaissance is included as Appendix C. Indications of RECs associated with the subject Site were not observed at the time of the site reconnaissance.

6.5 ADJOINING PROPERTY RECONNAISSANCE

Current use of adjoining properties based on observations during the site reconnaissance is described in Table 3-4. Photographs of adjoining properties are included in Appendix C.

7 INTERVIEWS

Interviews with key Site representatives were based on a set of questions developed prior to the interview and contained in a Phase I Environmental Site Assessment Interview Questionnaire. Copies of the completed questionnaires are included in Appendix D.

7.1 INTERVIEWS WITH OWNER/CLIENT/USER

The City of Ottawa, Kansas, and the User of this Phase I ESA, completed a Phase I ESA User Questionnaire and provided the completed form to Blackstone. The questionnaire responses are summarized in Section 4 and a copy of the completed questionnaire is included in Appendix D.

7.2 INTERVIEWS WITH CURRENT OWNERS/SITE MANAGER/OCCUPANT

During the site visit, an interview was conducted with Mr. Jeff Seymour, Executive Director of the Franklin County Economic Development Council, Inc. Mr. Seymour indicated that it was his understanding that the Site had always been used for agricultural purposes and other than the presence of some discarded tires on the Patry property, he was not aware of any other potential environmental issues associated with the Site. The location of the discarded tires on the Patry property was identified by Mr. Seymour. The tires have been removed. Grass is growing over the area, but some evidence of disturbance is still visible. The backhoe used to remove the tires was still present on 4.74-acre LaGalle property at the time of the Site visit. Additionally, Mr. Seymour indicated that the soil pile located on the 4.74-acre LaGalle property was from expansion/remodeling activities at the Love's Country Store located a couple of miles west of the Site. Mr. Seymour requested that the site reconnaissance of the Tice Property be performed from the Montana Road and from the adjoining properties.

Contact information was provided by the User to allow telephone interviews to be completed by Ms. Anne Melia of Blackstone with the current owners of the parcels that comprise the subject Site, with the exception of the parcel owned by Richard and Mary Tice. A summary of the telephone interviews is discussed below. Copies of the notes taken during the telephone interviews are included in Appendix D.

November 19, 2014 Interview with B.J. Boucek

Mr. Boucek indicated that his family has been associated with the property for more than 70 years. His grandparents originally owned the property and his father grew up on the property. The land is currently farmed by a tenant farmer that has managed the farming operation portion of the property for 53 years. No structures, potable wells, septic systems or other improvements are present on

the property. A farmhouse and possibly other structures were present on the property at some point in the past as Mr. Boucek's grandparents, father, and uncle lived on the property; however Mr. Boucek could not remember exactly when the structures were removed. Mr. Boucek is unaware of the use of petroleum products or hazardous substances on the property. To his knowledge there have been no environmental clean-up activities, liens, violations, lawsuits, assessments, deed restrictions or complaints regarding historical activities on the property. He believes that soybeans and milo are currently grown on the property and wheat was grown in the past. Pesticides and/or fertilizers are likely used in farming activities performed by the tenant, but Mr. Boucek does not know what products/quantities are used. Mr. Boucek was not aware of buried pipelines for irrigation or other purposes on the property.

November 20, 2014 Interview with Betty LaGalle

Ms. LaGalle indicated that she and her husband had owned the 4.74-acre parcel located at 2542 Montana Road for approximately five years and the 79.4-acre parcel at 2580 Montana Road for approximately 15 to 20 years. The larger parcel is farmed by their son and is planted in soybeans. There is a private well on the parcel, but it is not currently being used. No structures are currently present on this parcel. A house and possibly other buildings existed on the parcel in the past, but were removed from the property more than 20 years ago. The smaller parcel is not farmed, but a small storage building is present on the parcel. The storage building is currently rented to a friend for use as storage. The parcel has access to rural water and a water meter is located near the barn. Ms. LaGalle was not aware of septic systems located on either parcel. Ms. LaGalle was unaware of the use of petroleum products or hazardous substances on the parcel. To her knowledge there have been no environmental clean-up activities, liens, violations, lawsuits, assessments, deed restrictions or complaints regarding historical activities on either parcel. Pesticides and/or fertilizers are used in farming activities performed by their son on the larger parcel, but Ms. LaGalle does not know what products/quantities are used. Ms. LaGalle was not aware of buried pipelines for irrigation or other purposes on either parcel.

November 21, 2014 Interview with John McFarland

Mr. McFarland indicated that he and his wife had owned the 64.7-acre parcel located at 2690 Montana Road for approximately four years. To his knowledge a homestead or other barns/outbuildings have never constructed on the parcel. Mr. McFarland was unaware of the use of petroleum products or hazardous substances on the parcel. To his knowledge there have been no environmental clean-up activities, liens, violations, lawsuits, assessments, deed restrictions or complaints regarding historical activities on the parcel. Pesticides and/or fertilizers are used in farming activities. Mr. McFarland did not know what products/quantities are used. A portion of the property is currently in the Federal Conservation Reserve Program (CRP) and the remaining land

is planted in soybeans. Mr. McFarland was not aware of buried pipelines for irrigation or other purposes on the parcel.

December 1, 2014 Interview with John Richeson; Representative for the Patry Family

Mr. Richeson indicated that Mrs. Patry inherited the 73.4-acre parcel at 2655 Kingman Road which was purchased by her father in the 1950's. Mr. Richeson confirmed that several wood outbuildings had once been located on the parcel and were used as wind-breaks and for storage. One of the structures was used for the storage of corn and soy beans. Mr. Richeson stated that the outbuildings were demolished and buried on-site sometime between 2012 and 2014. He stated that the buried debris included wood and metal but did not contain petroleum products, hazardous substances, or asbestos. He indicated that some tires had been discarded on-site by others without permission and that the tires had recently been removed from the site. Mr. Richeson was unaware of the use of petroleum products or hazardous substances on the parcel. To his knowledge there have been no environmental clean-up activities, liens, violations, lawsuits, assessments, deed restrictions or complaints regarding historical activities on the parcel. Pesticides and/or fertilizers have been used in farming activities. Mr. Richeson did not know what products/quantities have been or are currently used. Mr. Richeson was not aware of buried pipelines for irrigation or other purposes on the parcel.

7.3 INTERVIEW WITH FORMER OWNER/SITE MANAGER/OCCUPANT

A chain-of-title was not provided for review. The only User-provided contact information was for current property owners. Therefore, former owners were not identified nor interviewed.

8 EVALUATION

Blackstone performed this Phase I ESA of the Site in general conformance with the scope and limitations of the Standard Practice and AAI. The following sections describe Blackstone's findings and provide general background information about the Site. Findings include RECs, historical RECs (HRECs), controlled RECs (CRECs) and notation of *de minimis* quantities/conditions, as applicable to the Site.

8.1 BACKGROUND

The approximate 310-acre Site consists of agricultural land. The approximate Site boundaries are shown on Figure 2. Land use in the area of the Site is generally agricultural. Topographic relief at the Site generally slopes from southeast to northwest. The Site is being considered for development as an industrial park.

Based on a review of readily available historical information, the Site which is southwest of Labette Road and Montana Road in Ottawa, Kansas appears to have been in agricultural use since the early 1900s. Residences (homesteads) were located on parcels currently owned by Tice, Boucek, and the two parcels owned by LaGalle. Two residences are currently present on the Tice parcel. The Boucek homestead was removed from the parcel sometime between 1969 and 1985. The homestead on the 79.9-acre LaGalle parcel was removed sometime between 1956 and 1969. The homestead on the 4.74-acre LaGalle property was removed sometime between 2006 and 2008, although a storage shed remains on the property. It appears that up to four outbuildings were present on the Patry property between 1985 and 2012 in the vicinity of where discarded tires were removed from the parcel in 2014. From a review of a July 2012 aerial photo available from Google Earth, debris (possibly wood) and other materials appeared to be scattered about just to the south of the outbuildings on the Patry Property. Additionally, another small area of debris and other materials was evident approximately 200 feet southwest of the outbuildings, adjacent to the northwest side of the pond. The observed debris may have been dumped on the property by others or may have been associated with the demolition of former on-site structures. Properties to the east, west, and south of the Site have also been used for agricultural purposes, with several residences located east of the Site along Montana Road. Interstate Highway I-35 runs along a portion of the northwestern Site boundary. Property immediately north of the Site is in agricultural use. Indications of RECs associated with historic land use on and in the immediate vicinity of the Site were not identified.

8.2 FINDINGS AND OPINIONS

8.2.1 Documentation

Documentation has been provided within the text of this report and its appendices in support of our Findings and Opinions. No documentation generated through the environmental professional's efforts in executing the Phase I ESA has been excluded, except for redundant or unnecessary photographs collected at the time of the site reconnaissance. Photographs presented in the Phase I ESA report were selected to convey the information in support of the site reconnaissance activities.

8.2.2 Contents of Report

This report contains the information prescribed by the Standard Practice. The interviews and site reconnaissance performed as part of the Phase I ESA were conducted by Anne S. Melia, a qualified environmental professional in accordance with education, training, and experience requirements set forth in 40 CFR §312.10(b). This report also contains information provided by the User with respect to the User's responsibilities as defined by the Standard Practice and required by the AAI rule. Such information is included on the User Questionnaire completed by the Client/User, copy in Appendix D. At the time of report preparation, the User had not provided the specific results from a chain-of-title search that may identify environmental liens or activity use limitations. General information provided by the current owners regarding previous ownership of the Site is included in Section 7.

8.2.3 Scope of Services

This Phase I ESA was performed in general accordance with our Contract with PEC, the Standard Practice, and AAI as reflected in the scope of this report. The scope of services included identification of the level of services desired by the Client based on the purpose for performing the Phase I ESA, and developing information to identify RECs in connection with the Site by gathering user-provided information, obtaining and reviewing regulatory databases, reviewing historical and physical records, conducting interviews, initiating local governmental inquiries, and a visual, noninvasive reconnaissance of the Site and adjoining properties.

8.2.4 Findings

Blackstone has performed this Phase I ESA in general conformance with the scope and limitations of ASTM E1527 and our Contract with PEC. Any exceptions to, or deletions from, this scope are described in Section 2.4 and/or in applicable sections of this report.

ASTM defines a recognized environmental condition (REC) as “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to a release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.” Indications of RECs relative to the Site were not identified.

ASTM defines the term historic recognized environmental condition (HREC) to mean a past release of any 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 any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Indications of HRECs associated with the Site were not identified.

ASTM defines the term controlled recognized environmental condition (CREC) to mean a REC resulting from past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Indications of CRECs associated with the Site were not identified.

ASTM defines *de minimis* conditions as those that “generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies,” i.e., minor soil staining. Indications of *de minimis* conditions associated with the Site were not identified.

8.2.5 Opinions

Blackstone did not identify conditions from the Phase I ESA activities that indicated RECs, HRECs, or CRECs. It was reported that some tires had been discarded on the Patry property by others without permission and that the tires had recently been removed from the Site. The former presence of the tires is not considered a REC. Several outbuildings formerly located on the Patry property were demolished by 2014. The demolition materials were reportedly buried on-site. The owner’s representative stated that the buried debris did not contain petroleum products, hazardous substances or asbestos. Based on this disclosure, the buried debris is not considered a REC. However, the materials may require removal and replacement with suitable fill when the Site is redeveloped. At least one inactive water well (4.74-acre LaGalle property) and several former rural residence septic systems may require abandonment when the Site is redeveloped. All existing

structures should be checked for asbestos prior to being razed for commercial redevelopment purposes. Agricultural chemicals and nutrients have been applied to the parcels comprising the Site. Indications of over-use of these products (such as stressed vegetation, bare spots, stained areas, etc.) were not identified during the site reconnaissance and the use of agricultural products was not considered a REC.

8.3 DEVIATIONS

This Phase I ESA for the Site was completed without deletion of, or deviation from, the general requirements specified in ASTM E 1527-13.

8.4 DATA FAILURE / GAPS

Although Blackstone attempted to obtain reasonably ascertainable information regarding the Site, some information was either not received or not readily available at the time of this report, or a data failure leading to certain information being considered not reasonably ascertainable occurred. Therefore, consistent with ASTM Standard Practice E 1527-13, the following data gaps have been identified:

- The Standard Practice specifies that all obvious uses of the Site shall be identified from the present back to the property's first developed use, or back to 1940, whichever is earlier. For the purposes of historical use evaluation, the Standard Practice considers the term "developed use" to include agricultural uses. Historical information reviewed by Blackstone suggests the Site may have been developed for agricultural use in the early 1900's. Based on aerial photographs, the Site appeared be in agricultural use prior to 1956. Structures were not shown in the area of the Site on the 1885 topographic map. While it is believed the Site was undeveloped in 1885, this could not be verified through the review of other readily available historical sources.
- Access was not provided to the Tice parcel. Site reconnaissance activities for the Tice parcel were conducted from Montana Road and adjacent parcels currently owned by McFarland and Boucek. Additionally, contact information was not provided for Mary and Richard Tice, and therefore, an interview could not be conducted with this property owner.
- A chain-of-title was not provided for review, therefore, previous owners were not verified nor interviewed.

Based on a review of the data gaps presented above, it is Blackstone's opinion that the data failures are not likely to have affected the evaluation of RECs at the Site or to have materially affected the conclusions of the Phase I ESA.

8.5 CONCLUSIONS

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of the approximate 310-acre Site consisting of six parcels located at 2542 Montana Road, 2580 Montana Road, 2620 Montana Road, 2660 Montana Road, 2690 Montana Road, and 2655 Kingman Road in Ottawa, Franklin County, Kansas. Any exceptions to, or deletions from, this practice are described in Section 8.3 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property.

8.6 ADDITIONAL SERVICES

An evaluation of environmental business risk associated with the Site was not included in Blackstone's scope of services. The Phase I ESA did not incorporate ASTM Standard Practice non-scope considerations, such as asbestos, radon, lead-based paint, lead in drinking water, molds and mildews, indoor air quality, industrial hygiene, health and safety, regulatory compliance, cultural resources, wetlands, high-voltage power lines or other non-scope considerations.

8.7 REFERENCES

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

Environmental Data Resources, Inc. (EDR), EDR Radius Map with GeoCheck®, Franklin County Industrial Park, Southwest of Labette Road and Montana Road, Ottawa, Kansas, 66067, Inquiry Number: 4138723.2s, dated November 19, 2014.

Environmental Data Resources, Inc. (EDR), EDR Certified Sanborn® Map Report, Franklin County Industrial Park, Southwest of Labette Road and Montana Road, Ottawa, Kansas, 66067, Inquiry Number: 4138723.3, dated November 19, 2014.

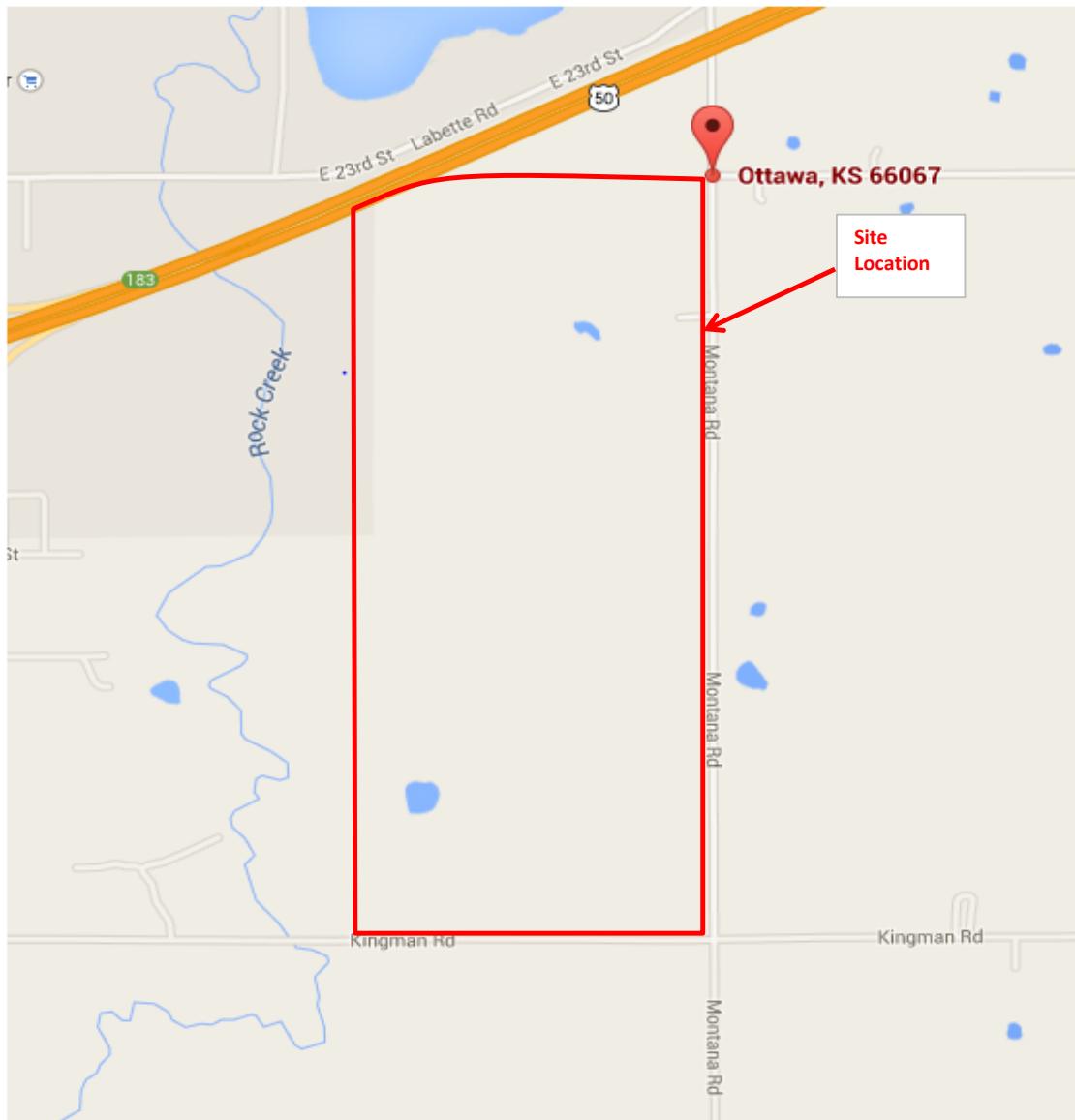
Environmental Data Resources, Inc. (EDR), EDR Historical Topographic Map Report, Franklin County Industrial Park, Southwest of Labette Road and Montana Road, Ottawa, Kansas, 66067, Inquiry Number: 4138723.4, dated November 19, 2014.

Environmental Data Resources, Inc. (EDR), EDR Aerial Photo Decade Package, Franklin County Industrial Park, Southwest of Labette Road and Montana Road, Ottawa, Kansas, 66067, Inquiry Number: 4138723.9, dated November 25, 2014.

Environmental Data Resources, Inc. (EDR), EDR City Directory Abstract, Franklin County Industrial Park, Southwest of Labette Road and Montana Road, Ottawa, Kansas, 66067, Inquiry Number: 4138723.5, dated November 20, 2014.

Other references not listed in this section may have been accessed and are identified within the associated sections of this report.

FIGURES



↑
N



Offices in Overland Park
and Topeka, Kansas

SITE LOCATION

**SW of Labette and Montana Roads
Ottawa, Kansas 66067**

DATE:	11/19/2014	PROJECT:	1443
DRAWN:	AM	SCALE:	nts
CHECKED:	RT	FILE:	1443

FIGURE 1



Offices in Overland Park and Topeka, Kansas

SW of Labette and Montana Roads Ottawa, Kansas
66067

Aerial Photograph

PROJECT NO.	1443	DATE:	11/19/2014
DRAWN BY:	AM	SCALE:	nts
CHECKED BY:	RT	FILE NO.:	1443

FIGURE 2

APPENDIX A

Qualifications of Environmental Professionals

STATEMENT OF QUALIFICATIONS

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and/or experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in CFR Part 312. Resumes of the Environmental Professionals are available upon request.

A handwritten signature in blue ink that appears to read "Rowley R. Tedlock".

Rowley R. Tedlock
Senior Project Manager

A handwritten signature in blue ink that appears to read "Anne S. Melia".

Anne S. Melia
Senior Project Manager

APPENDIX B

EDR Reports

Franklin County Industrial Park ESA

Southwest of Labette Road and Montana Road
Ottawa, KS 66067

Inquiry Number: 4138723.2s
November 19, 2014

The EDR Radius Map™ Report with GeoCheck®

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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

SOUTHWEST OF LABETTE ROAD AND MONTANA ROAD
FRANKLIN County, KS 66067

COORDINATES

Latitude (North):	38.5779000 - 38° 34' 40.44"
Longitude (West):	95.2583000 - 95° 15' 29.88"
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	303276.9
UTM Y (Meters):	4272148.5
Elevation:	910 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	38095-E3 OTTAWA SOUTH, KS
Most Recent Revision:	1983
East Map:	38095-E2 PEORIA, KS
Most Recent Revision:	1983

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20120608, 20120609
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

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

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Underground Storage Tank Data
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

INST CONTROL..... Institutional Controls Information

EXECUTIVE SUMMARY

State and tribal voluntary cleanup sites

VCP..... Identified Sites List
INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Identified Sites List

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
AOCONCERN..... Area of Concern
CDL..... Clandestine Laboratory Data
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Kansas Spills Database

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
US MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System

EXECUTIVE SUMMARY

PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
UIC.....	Underground Injection Wells Database Listing
DRYCLEANERS.....	Registered Drycleaning Facilities
AIRS.....	Title V Source Information
TIER 2.....	Tier 2 Information Listing
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
COAL ASH.....	Coal Ash Disposal Site Listing
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH DOE.....	Steam-Electric Plant Operation Data
2020 COR ACTION.....	2020 Corrective Action Program List
PRP.....	Potentially Responsible Parties
Financial Assurance.....	Financial Assurance Information Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat.....	EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners.....	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

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

A review of the SHWS list, as provided by EDR, and dated 08/04/2014 has revealed that there is 1 SHWS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BUILDEX SITE Facility Status: Resolved		SW 1/2 - 1 (0.598 mi.)	5	17

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, and dated 07/28/2014 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FOGLE QUARRY CO INC Facility Status: Closed	800 E 23RD STREET	NNW 1/4 - 1/2 (0.278 mi.)	3	11

LAST: The Leaking Aboveground Storage Tanks database

A review of the LAST list, as provided by EDR, and dated 07/28/2014 has revealed that there is 1 LAST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EDWARDS 66 SERVICE Facility Status: Monitor	216 E 23RD ST.	NNW 1/4 - 1/2 (0.454 mi.)	4	16

State and tribal registered storage tank lists

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Health & Environment's AST (Report) Listing Including Names.

A review of the AST list, as provided by EDR, and dated 07/28/2014 has revealed that there is 1 AST

EXECUTIVE SUMMARY

site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FOGLE RENTALS LLC SHOP	1107 EAST 23RD	WNW 1/8 - 1/4 (0.186 mi.)	A2	8

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA NonGen / NLR: 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.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/10/2014 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FOGLE QUARRY CO INC	1107 E 23RD	WNW 1/8 - 1/4 (0.186 mi.)	A1	7

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

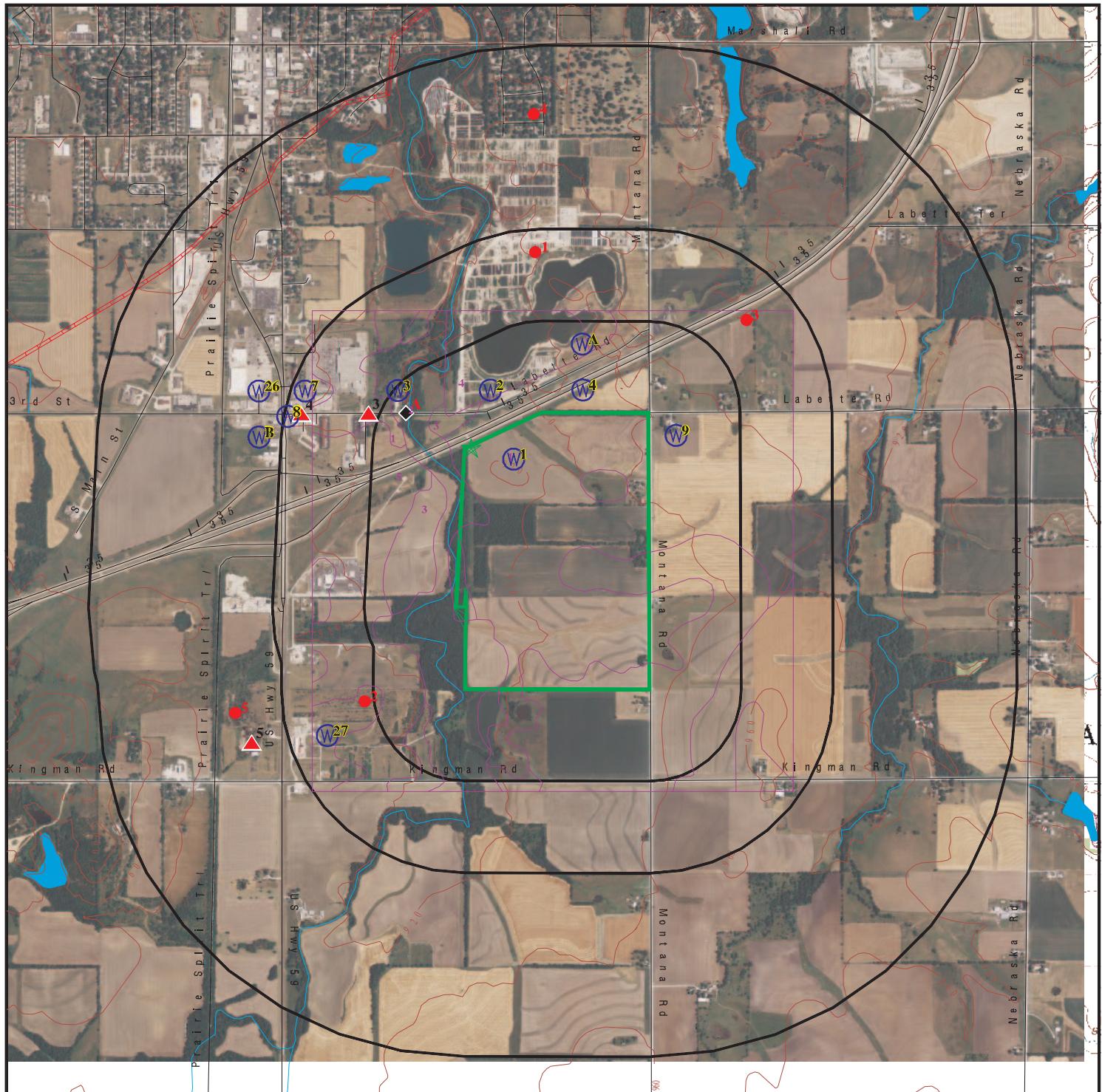
Site Name

FORMER MGP

Database(s)

LUST

OVERVIEW MAP - 4138723.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines from USGS

Areas of Concern

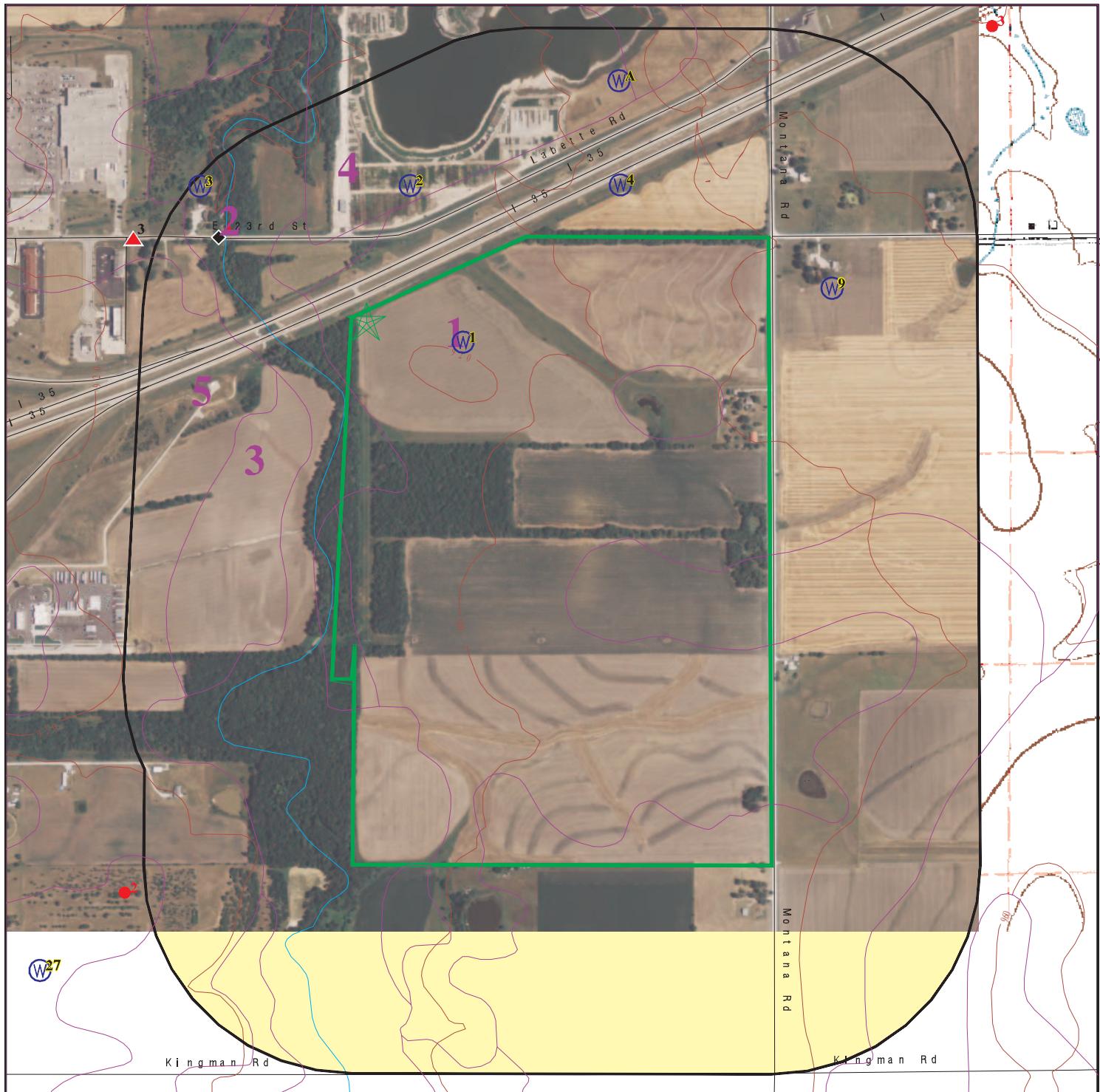


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Franklin County Industrial Park ESA
ADDRESS: Southwest of Labette Road and Montana Road
 Ottawa KS 66067
LAT/LONG: 38.5779 / 95.2583

CLIENT: Blackstone Environmental Inc
CONTACT: Anne Melia
INQUIRY #: 4138723.2s
DATE: November 19, 2014 10:25 am

DETAIL MAP - 4138723.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines from USGS

Areas of Concern

0 1/8 1/4 1/2 Miles



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: Franklin County Industrial Park ESA
ADDRESS: Southwest of Labette Road and Montana Road
 Ottawa KS 66067
LAT/LONG: 38.5779 / 95.2583

CLIENT: Blackstone Environmental Inc
CONTACT: Anne Melia
INQUIRY #: 4138723.2s
DATE: November 19, 2014 10:25 am

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
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	0	1	NR	1
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	1	NR	NR	1
LAST	0.500		0	0	1	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property						Total Plotted
			< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>State and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US CDL	TP		NR	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	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
TSCA	TP	NR	NR	NR	NR	NR	NR	0
FTTS	TP	NR	NR	NR	NR	NR	NR	0
HIST FTTS	TP	NR	NR	NR	NR	NR	NR	0
SSTS	TP	NR	NR	NR	NR	NR	NR	0
ICIS	TP	NR	NR	NR	NR	NR	NR	0
PADS	TP	NR	NR	NR	NR	NR	NR	0
MLTS	TP	NR	NR	NR	NR	NR	NR	0
RADINFO	TP	NR	NR	NR	NR	NR	NR	0
FINDS	TP	NR	NR	NR	NR	NR	NR	0
RAATS	TP	NR	NR	NR	NR	NR	NR	0
RMP	TP	NR	NR	NR	NR	NR	NR	0
UIC	TP	NR	NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250	0	0	NR	NR	NR	NR	0
AIRS	TP	NR	NR	NR	NR	NR	NR	0
TIER 2	TP	NR	NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000	0	0	0	0	NR	NR	0
SCRD DRYCLEANERS	0.500	0	0	0	NR	NR	NR	0
LEAD SMELTERS	TP	NR	NR	NR	NR	NR	NR	0
US AIRS	TP	NR	NR	NR	NR	NR	NR	0
COAL ASH	0.500	0	0	0	NR	NR	NR	0
COAL ASH EPA	0.500	0	0	0	NR	NR	NR	0
PCB TRANSFORMER	TP	NR	NR	NR	NR	NR	NR	0
COAL ASH DOE	TP	NR	NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250	0	0	NR	NR	NR	NR	0
PRP	TP	NR	NR	NR	NR	NR	NR	0
Financial Assurance	TP	NR	NR	NR	NR	NR	NR	0
US FIN ASSUR	TP	NR	NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP	NR	NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000	0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250	0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250	0	0	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	TP	NR	NR	NR	NR	NR	0
RGA LF	TP	NR	NR	NR	NR	NR	0
RGA LUST	TP	NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

A1 **FOGLE QUARRY CO INC** **RCRA NonGen / NLR** **1000826013**
WNW **1107 E 23RD** **KSD985012673**
1/8-1/4 **OTTAWA, KS 66067**

0.186 mi.
982 ft. **Site 1 of 2 in cluster A**

Relative: RCRA NonGen / NLR:
Lower Date form received by agency: 03/11/2003
Facility name: FOGLE QUARRY CO INC
Actual: Facility address: 1107 E 23RD
901 ft. OTTAWA, KS 66067
EPA ID: KSD985012673
Mailing address: E 23RD
OTTAWA, KS 66067
Contact: BRENT FOGLE
Contact address: 1107 E 23RD
OTTAWA, KS 66067
Contact country: US
Contact telephone: (785) 242-3232
Contact email: Not reported
EPA Region: 07
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: FOGLE QUARRY CO INC
Owner/operator address: 1107 E 23RD ST
OTTAWA, KS 66067
Owner/operator country: Not reported
Owner/operator telephone: (785) 242-3232
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 04/08/1993
Site name: FOGLE QUARRY CO INC
Classification: Small Quantity Generator

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FOGLE QUARRY CO INC (Continued)

1000826013

Hazardous Waste Summary:

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

Waste code: D018
Waste name: BENZENE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

A2 **FOGLE RENTALS LLC SHOP**
WNW **1107 EAST 23RD**
1/8-1/4 **OTTAWA, KS 66067**
0.186 mi.
982 ft. **Site 2 of 2 in cluster A**

AST **A100174889**
N/A

Relative: AST:
Lower: Facility ID: 42382
Facility 911 Address: 1107 EAST 23RD
Facility 911 City,St,Zip: OTTAWA, KS 66067
Facility Phone: 785-242-6072
24 Hour Phone Num: 785-242-6072
Facility District: NE
Facility Location Method: GARMIN 3 PLUS
Facility Feature: Facility Center
Facility Datum: WGS84
Facility Lat/Long: 38.57963999999998 -95.25882
Owner ID: 42382
Owner Type: Private Or Corp.
Owner Name: FOGLE RENTALS LLC
Owner Address: 1727 PRINCENTON ST.
Owner City,St Zip: OTTAWA, KS 66067
Owner County: FRANKLIN
Owner Phone: 785-241-2800
Owner Replacement Name: Frank D. Fogle Jr.
Owner Replacement Title: Partner
Contact: Frank D. Fogle Jr.
Contact Title: Partner

Tank ID: 001
Tank Type: Aboveground
Tank Status: Temporarily Out Of Use
Tank Empty: Not reported
Installation Year: 1900
Date Removed: 1/3/2005
Last Permit Printed: 2004-06-09 00:00:00
Current Permit Printed: Not reported
QTY remaining in Tank: 0
Out of service Mo/Yr: Not reported
Material of Construction: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOGLE RENTALS LLC SHOP (Continued)

A100174889

Petroleum Substance: Empty/Clean
NonPetroleum Substance: Not reported
Hazards: Not reported
Tank Internal Protection: Not reported
Tank External Protection: Not reported
Principal CERCLA Substance/Chem Abstract Service Num: Not reported

Tank ID: 002
Tank Type: Aboveground
Tank Status: Temporarily Out Of Use
Tank Empty: Not reported
Installation Year: 1900
Date Removed: 1/3/2005
Last Permit Printed: 2004-06-09 00:00:00
Current Permit Printed: Not reported
QTY remaining in Tank: 0
Out of service Mo/Yr: Not reported
Material of Construction: Not reported
Petroleum Substance: Empty/Clean
NonPetroleum Substance: Not reported
Hazards: Not reported
Tank Internal Protection: Not reported
Tank External Protection: Not reported
Principal CERCLA Substance/Chem Abstract Service Num: Not reported

Tank ID: 003
Tank Type: Aboveground
Tank Status: Permanently Out Of Use
Tank Empty: Not reported
Installation Year: 1900
Date Removed: 12/15/1997
Last Permit Printed: 1997-07-11 00:00:00
Current Permit Printed: Not reported
QTY remaining in Tank: 10,000
Out of service Mo/Yr: 121997
Material of Construction: Not reported
Petroleum Substance: Not reported
NonPetroleum Substance: Not reported
Hazards: Not reported
Tank Internal Protection: Not reported
Tank External Protection: Not reported
Principal CERCLA Substance/Chem Abstract Service Num: Not reported

Tank ID: 004
Tank Type: Aboveground
Tank Status: Permanently Out Of Use
Tank Empty: Not reported
Installation Year: 1900
Date Removed: 2/15/1998
Last Permit Printed: 1997-07-11 00:00:00
Current Permit Printed: Not reported
QTY remaining in Tank: 1,950
Out of service Mo/Yr: 021998
Material of Construction: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOGLE RENTALS LLC SHOP (Continued)

A100174889

Petroleum Substance: Not reported
NonPetroleum Substance: Not reported
Hazards: Not reported
Tank Internal Protection: Not reported
Tank External Protection: Not reported
Principal CERCLA Substance/Chem Abstract Service Num: Not reported

Tank ID: 005
Tank Type: Aboveground
Tank Status: Temporarily Out Of Use
Tank Empty: Not reported
Installation Year: 1900
Date Removed: 1/3/2005
Last Permit Printed: Not reported
Current Permit Printed: Not reported
QTY remaining in Tank: 0
Out of service Mo/Yr: Not reported
Material of Construction: Not reported
Petroleum Substance: Empty/Clean
NonPetroleum Substance: Not reported
Hazards: Not reported
Tank Internal Protection: Not reported
Tank External Protection: Not reported
Principal CERCLA Substance/Chem Abstract Service Num: Not reported

Tank ID: 006
Tank Type: Aboveground
Tank Status: Temporarily Out Of Use
Tank Empty: Not reported
Installation Year: 1900
Date Removed: 1/3/2005
Last Permit Printed: Not reported
Current Permit Printed: Not reported
QTY remaining in Tank: 0
Out of service Mo/Yr: Not reported
Material of Construction: Not reported
Petroleum Substance: Empty/Clean
NonPetroleum Substance: Not reported
Hazards: Not reported
Tank Internal Protection: Not reported
Tank External Protection: Not reported
Principal CERCLA Substance/Chem Abstract Service Num: Not reported

Tank ID: 007
Tank Type: Aboveground
Tank Status: Temporarily Out Of Use
Tank Empty: Not reported
Installation Year: 1998
Date Removed: 1/3/2005
Last Permit Printed: 2004-06-09 00:00:00
Current Permit Printed: Not reported
QTY remaining in Tank: 0
Out of service Mo/Yr: Not reported
Material of Construction: Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOGLE RENTALS LLC SHOP (Continued)

A100174889

Petroleum Substance: Empty/Clean
NonPetroleum Substance: Not reported
Hazards: Not reported
Tank Internal Protection: Not reported
Tank External Protection: Not reported
Principal CERCLA Substance/Chem Abstract Service Num: Not reported

3 **FOGLE QUARRY CO INC**
WNW **800 E 23RD STREET**
1/4-1/2 **OTTAWA, KS 66067**
0.278 mi.
1468 ft.

LUST 1000763756
UST N/A

Relative: LUST:
Higher Facility ID: 14395
 Site Status: **Closed**
Actual: Release Date: Not reported
 Initial Report Date: 11/14/1991
 Project Number: U4-030-00230
 Project Name: Fogle Quarry
 Legal Desc Section: 12
 Legal Desc Township: 17S
 Legal Desc Range: 19E
 Initial Ranking: Not reported
 Current Ranking: Not reported
 Facility Contact: Brent Fogle
 Facility Phone Number: 785-242-3232
 Facility Owner Identification number: 14395
 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: 785-354-1210
 Leak duration (if known): Not reported
 Quantity released (if known): Not reported
 Quantity recorded: Not reported
 Leak Type: Not reported
 Reported By: Meredith Roth
 Reported by persons phone number: Not reported
 Reported by person address: Nedo
 Ground water Impacted (yes/no): brown tight clay.
 Static groundwater level: Not reported
 Groundwater flow direction: Not reported
 District staff names: Meredith Roth
 Assessment of release: 4-1000 gal lube oil & 1-2500 gal waste oil usts & lines removed. tanks did not appear to leak.
 Contamination assesment: Not reported
 Extent of contamination impact: no groundwater encountered in this excavation.
 Updated information: Not reported
 Invoice initiated: 19921
 Invoice on going: Not reported
 Invoice completeted: 19921
 Release confirmed: Not reported
 Emergency contact: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOGLE QUARRY CO INC (Continued)

1000763756

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
Application to trust fund:	Not reported
Facility ID:	14395
Site Status:	Closed
Release Date:	01/01/1984
Initial Report Date:	06/22/1989
Project Number:	U4-030-00230
Project Name:	Fogle Quarries
Legal Desc Section:	12
Legal Desc Township:	17S
Legal Desc Range:	19E
Initial Ranking:	Not reported
Current Ranking:	Not reported
Facility Contact:	Richard Fogle
Facility Phone Number:	785-242-3232
Facility Owner Identification number:	14395
Facility Owner:	Fogle Quarries
Owner Contact Person:	Not reported
Owner Address:	800 E. 23rd, Ottawa
Owner City:	Not reported
Owner State:	KS
Owner Zip Code:	Not reported
Owner Phone number:	785-242-3232
Contractor license number:	Not reported
Contractor phone number:	Not reported
Leak duration (if known):	Ukwn
Quantity released (if known):	Not reported
Quantity recorded:	Not reported
Leak Type:	Spill/Overfill
Reported By:	Not reported
Reported by persons phone number:	Not reported
Reported by person address:	Not reported
Ground water Impacted (yes/no):	a small amount of gw was contained in surface gravel above the sand/clay fill material. tanks are set on limestone.
Static groundwater level:	Not reported
Groundwater flow direction:	Not reported
District staff names:	Marvin Glotzbach
Assessment of release:	1-4000 diesel, 2-4000 gas usts removed. 1 gas tank leaking 5 yrs ago & was abandoned. a new gas tank had been installed next to it. contam sand upto 200 ppm detected. soils were removed and aerated on-site.
Contamination assessment:	Not reported
Extent of contamination impact:	none, unless fuel leaked into the limestone floor. limestone is cut in quarry area, so any gw seeping through should outcrop in the quarry walls. quarry floor is stoner limestone.
Updated information:	Not reported
Invoice initiated:	19893
Invoice on going:	Not reported
Invoice completetd:	19893
Release confirmed:	19893
Emergency contact:	Not reported
Enforcement action:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

FOGLE QUARRY CO INC (Continued)

1000763756

Cost recovery: Not reported
Cost recovery initiated: 19902
Cost recovery initiated by: Responsible Party
Cost recovery completed: 19902
Cost recovery completed by: Responsible Party
Application to trust fund: Not reported

UST:

Facility ID: 14395
Facility 911 Address: 800 E 23RD
Facility 911 City, State, Zip: OTTAWA, KS 66067
Facility Phone: 785-242-3232
Phone 24 Hours: 785-242-3232
Facility District: NE
Facility Location Method: Garmin GPS III Plus
Facility Feature: Facility Center
Facility Datum: WGS84
Facility Lat/Long: 38.58615000000004/-95.254360000000005
Owner ID: 14395
Owner: FOGLE QUARRY CO INC
Owner Type: Private Or Corp.
Owner/Rep Name: Brent M Lyle
Owner/Rep Title: Sec Treas
Owner Address: 800 E 23RD STREET
Owner City, State, Zip: OTTAWA, KS 66067
Owner County: 030
Contact: Fogle Quarry Co Inc
Contact Title: Not reported

Tank ID: 001
Tank Type: Underground

Tank Status: **Permanently Out Of Use**

Total Capacity (Gals): 4000

Hazards: **Not reported**

Petroleum Substance: Diesel
NonPetroleum Substance: Not reported
Estimated Yr In Service: 1974
Date Removed: 6/15/1989
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: 061989
Material of Construction: Steel
Piping: Other, ASPHALT PAINTED
Tank Internal Protection: None
Tank External Protection: Painted

Tank ID: 002
Tank Type: Underground

Tank Status: **Permanently Out Of Use**

Total Capacity (Gals): 4000

Hazards: **Not reported**

Petroleum Substance: Empty
NonPetroleum Substance: Not reported

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FOGLE QUARRY CO INC (Continued)

1000763756

Estimated Yr In Service: 1974
Date Removed: 6/15/1989
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: 061989
Material of Construction: Steel
Piping: Other,ASPHALT PAINTED
Tank Internal Protection: None
Tank External Protection: Painted

Tank ID: 003
Tank Type: Underground
Tank Status: **Permanently Out Of Use**
Total Capacity (Gals): 4000
Hazards: **Fire,Chronic,Acute**
Petroleum Substance: Gas (Incl Alcohol)
NonPetroleum Substance: Not reported
Estimated Yr In Service: 1981
Date Removed: 6/15/1989
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: 061989
Material of Construction: Steel
Piping: Other,ASPHALT PAINTED
Tank Internal Protection: None
Tank External Protection: Painted

Tank ID: 004
Tank Type: Underground
Tank Status: **Permanently Out Of Use**
Total Capacity (Gals): 550
Hazards: **Not reported**
Petroleum Substance: Not reported
NonPetroleum Substance: OIL
Estimated Yr In Service: 1984
Date Removed: 11/15/1991
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: 111991
Material of Construction: Steel
Piping: Bare Steel
Tank Internal Protection: None
Tank External Protection: Painted

Tank ID: 005

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FOGLE QUARRY CO INC (Continued)

1000763756

Tank Type: Underground
Tank Status: **Permanently Out Of Use**
Total Capacity (Gals): 550
Hazards: Not reported
Petroleum Substance: Not reported
NonPetroleum Substance: OIL
Estimated Yr In Service: 1984
Date Removed: 11/15/1991
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: 111991
Material of Construction: Steel
Piping: Bare Steel
Tank Internal Protection: None
Tank External Protection: Painted

Tank ID: 006
Tank Type: Underground
Tank Status: **Permanently Out Of Use**
Total Capacity (Gals): 550
Hazards: Not reported
Petroleum Substance: Not reported
NonPetroleum Substance: OIL
Estimated Yr In Service: 1984
Date Removed: 11/15/1991
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: 111991
Material of Construction: Steel
Piping: Bare Steel
Tank Internal Protection: None
Tank External Protection: Painted

Tank ID: 007
Tank Type: Underground
Tank Status: **Permanently Out Of Use**
Total Capacity (Gals): 550
Hazards: Not reported
Petroleum Substance: Not reported
NonPetroleum Substance: OIL
Estimated Yr In Service: 1984
Date Removed: 11/15/1991
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: 111991
Material of Construction: Steel

Map ID
Direction
Distance
Elevation

Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

FOGLE QUARRY CO INC (Continued)

1000763756

Piping: Bare Steel
Tank Internal Protection: None
Tank External Protection: Painted

Tank ID: 008
Tank Type: Underground
Tank Status: **Permanently Out Of Use**
Total Capacity (Gals): 2500
Hazards: Not reported
Petroleum Substance: Not reported
NonPetroleum Substance: HEATING OIL
Estimated Yr In Service: 1984
Date Removed: 11/15/1991
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: 111991
Material of Construction: Steel
Piping: Bare Steel
Tank Internal Protection: None
Tank External Protection: Painted,Other,PAINTED W/PAINT

4 EDWARDS 66 SERVICE
WNW 216 E 23RD ST.
1/4-1/2 OTTAWA, KS 66067
0.454 mi.
2398 ft.

LAST S102406312
N/A

Relative: LAST:
Higher Facility ID: 41147
Project Number: A4-030-40063
Actual: Project Name: Edwards 66 Service
920 ft. Site Extention: Not reported
Legal Desc Section: 14
Legal Desc Township: 17S
Legal Desc Range: 19E
Facility Status: Monitor
Initial Report Date: 10/01/1993
Release Date: Not reported
Substrels: premium gas
Initial Ranking: 31
Current Ranking: 31.00000
Facility Contact: Ed Wolken
Facility Phone Number: 785-242-8331
Facility Owner Identification number: Not reported
Facility Owner: Wolken Oil Co
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: Not reported
Leak duration (if known): Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

EDWARDS 66 SERVICE (Continued)

S102406312

Quantity released (if known): Not reported
Quantity recorded: Not reported
Leak Type: Piping
Reported By: Anonymous
Reported by persons phone number: Not reported
Reported by person address: Not reported
Ground water Impacted (yes/no): Predominantly grey to yellow/tan clays, tight. heavy dark grey to black stain if petroleum impacted
Static groundwater level: Not reported
Groundwater flow direction: Not reported
District staff names: Dan Kellerman
Assessment of release: Leak discovered when gas seeped up through cracks/joints in concrete near pump island. 5 trenches placed to determine impact from aboveground storage tank system or past operations at locations platted.
Contamination assessment: New system should be tightness tested - all lines have been replaced, Aboveground storage tanks relocated on pad w/retainer
Extent of contamination impact: Groundwater is expected to be widespread throughout site
Updated information: 07/25/97: Site assigned monitor status
Invoice initiated: Not reported
Invoice on going: Not reported
Invoice completed: Not reported
Release confirmed: Not reported
Emergency contact: Not reported
Enforcement action: Not reported
Cost recovery: Not reported
Cost recovery initiated: Not reported
Cost recovery initiated by: Not reported

5
SW
1/2-1
0.598 mi.
3159 ft.

BUILDEX SITE

SHWS S105850596
N/A

OTTAWA, KS

Relative: SHWS:
Higher Site ID: 872
Has Env Use Control: No
Actual: Project code: C403071768
932 ft. PM Name: BROWN, R.
Site Status: **Resolved**
District Office: NEDO
Lat/Long: 38.566341 / -95.269327
River Basin: Marais des Cygnes
Aquifer Yield: Unknown
Other Aquifers: Not reported
Parent PC: Not reported
Parent Name: Not reported
CERCLIS ID: Not reported
Discovery Date: 09/04/2002
Depth To GW: 0-10 feet
Depth To Bedrock: 11-20 feet
Aquifer Yield: 0-10 gpm
GW Flow Direction: Not reported
Acres Affected: Not reported
Waste Present: No
Product Present: No
Program: Site Assessment

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

BUILDEX SITE (Continued)

S105850596

Lead Agency: BER - Assessment and Restoration
Contaminants: Other (see Site Narrative)
Media Act: Not reported
Media Pot: Soil
Source: Underground Tank/Piping, Other (see Site Narrative)
Land Use: Commercial, Industrial
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
Date: Not reported
Activity Type: Initial Site Screening
Activity Status: Completed
Activity Start Date: 03/31/2003
Activity End Date: 06/01/2003
Narrative: The site assessment was initiated by an anonymous citizen complaint received by KDHE on 9/4/2002. The complainant expressed concern over transformers stored at the site, the possibility of underground storage tanks, the accessibility of a nearby quarry and the general condition of the site.

An SRE was conducted at the site and no hazardous substances were identified. Site is considered resolved.

Site ID: 872
Has Env Use Control: No
Project code: C403071768
PM Name: BROWN, R.
Site Status: **Resolved**
District Office: NEDO
Lat/Long: 38.566341 / -95.269327
River Basin: Marais des Cygnes
Aquifer Yield: Unknown
Other Aquifers: Not reported
Parent PC: Not reported
Parent Name: Not reported
CERCLIS ID: Not reported
Discovery Date: 09/04/2002
Depth To GW: 0-10 feet
Depth To Bedrock: 11-20 feet
Aquifer Yield: 0-10 gpm
GW Flow Direction: Not reported
Acres Affected: Not reported
Waste Present: No
Product Present: No
Program: Site Assessment
Lead Agency: BER - Assessment and Restoration
Contaminants: Other (see Site Narrative)
Media Act: Not reported
Media Pot: Soil

Map ID	Site	MAP FINDINGS	Database(s)	EDR ID Number
Direction				EPA ID Number
Distance				
Elevation				

BUILDEX SITE (Continued)
S105850596

Source: Underground Tank/Piping, Other (see Site Narrative)
 Land Use: Commercial, Industrial
 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
 Date: Not reported
 Activity Type: Site Reconnaissance and Evaluation
 Activity Status: Completed
 Activity Start Date: 08/31/2003
 Activity End Date: 12/31/2003
 Narrative: The site assessment was initiated by an anonymous citizen complaint received by KDHE on 9/4/2002. The complainant expressed concern over transformers stored at the site, the possibility of underground storage tanks, the accessibility of a nearby quarry and the general condition of the site.
 An SRE was conducted at the site and no hazardous substances were identified. Site is considered resolved.

Site ID: 872
 Has Env Use Control: No
 Project code: C403071768
 PM Name: BROWN, R.
Site Status: **Resolved**
 District Office: NEDO
 Lat/Long: 38.566341 / -95.269327
 River Basin: Marais des Cygnes
 Aquifer Yield: Unknown
 Other Aquifers: Not reported
 Parent PC: Not reported
 Parent Name: Not reported
 CERCLIS ID: Not reported
 Discovery Date: 09/04/2002
 Depth To GW: 0-10 feet
 Depth To Bedrock: 11-20 feet
 Aquifer Yield: 0-10 gpm
 GW Flow Direction: Not reported
 Acres Affected: Not reported
 Waste Present: No
 Product Present: No
 Program: Site Assessment
 Lead Agency: BER - Assessment and Restoration
 Contaminants: Other (see Site Narrative)
 Media Act: Not reported
 Media Pot: Soil
 Source: Underground Tank/Piping, Other (see Site Narrative)
 Land Use: Commercial, Industrial
 Private well: Not reported
 Waste Present: Not reported

Map ID	MAP FINDINGS	
Direction		
Distance		
Elevation		
Site	Database(s)	EDR ID Number EPA ID Number

BUILDEX SITE (Continued)
S105850596

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
 Date: Not reported
 Activity Type: Resolved
 Activity Status: Completed
 Activity Start Date: Not reported
 Activity End Date: 12/31/2003
 Narrative:
 The site assessment was initiated by an anonymous citizen complaint received by KDHE on 9/4/2002. The complainant expressed concern over transformers stored at the site, the possibility of underground storage tanks, the accessibility of a nearby quarry and the general condition of the site.
 An SRE was conducted at the site and no hazardous substances were identified. Site is considered resolved.

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
OTTAWA	S109149527	FORMER MGP	NORTH OAK STREET		LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 09/29/2014	Source: EPA
Date Data Arrived at EDR: 10/08/2014	Telephone: N/A
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1 Telephone 617-918-1143	EPA Region 6 Telephone: 214-655-6659
EPA Region 3 Telephone 215-814-5418	EPA Region 7 Telephone: 913-551-7247
EPA Region 4 Telephone 404-562-8033	EPA Region 8 Telephone: 303-312-6774
EPA Region 5 Telephone 312-886-6686	EPA Region 9 Telephone: 415-947-4246
EPA Region 10 Telephone 206-553-8665	

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 09/29/2014	Source: EPA
Date Data Arrived at EDR: 10/08/2014	Telephone: N/A
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 09/29/2014	Source: EPA
Date Data Arrived at EDR: 10/08/2014	Telephone: N/A
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/21/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/07/2014	Telephone: 703-603-8704
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 10/07/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 08/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 09/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/19/2014	Telephone: 703-603-0695
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 09/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/19/2014	Telephone: 703-603-0695
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/08/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 08/29/2014	Source: Department of the Navy
Date Data Arrived at EDR: 10/09/2014	Telephone: 843-820-7326
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/17/2014
Number of Days to Update: 11	Next Scheduled EDR Contact: 03/02/2015
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/29/2014	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 09/30/2014	Telephone: 202-267-2180
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 09/30/2014
Number of Days to Update: 37	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Identified Sites List

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

Date of Government Version: 08/04/2014	Source: Department of Health and Environment
Date Data Arrived at EDR: 08/08/2014	Telephone: 785-296-1660
Date Made Active in Reports: 08/26/2014	Last EDR Contact: 10/14/2014
Number of Days to Update: 18	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal landfill and/or solid waste disposal site lists

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

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

Date of Government Version: 07/22/2014
Date Data Arrived at EDR: 07/22/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 34

Source: Department of Health and Environment
Telephone: 785-296-1590
Last EDR Contact: 10/20/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Data

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

Date of Government Version: 07/28/2014
Date Data Arrived at EDR: 08/01/2014
Date Made Active in Reports: 08/26/2014
Number of Days to Update: 25

Source: Department of Health and Environment
Telephone: 785-296-1685
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tanks

Leaking aboveground storage tank site locations.

Date of Government Version: 07/28/2014
Date Data Arrived at EDR: 08/01/2014
Date Made Active in Reports: 08/26/2014
Number of Days to Update: 25

Source: Department of Health & Environment
Telephone: 785-296-1685
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/05/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 12

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/20/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 73

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/04/2014
Date Data Arrived at EDR: 11/07/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 10

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 02/01/2013 Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013 Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013 Last EDR Contact: 10/31/2014
Number of Days to Update: 184 Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

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

Date of Government Version: 07/30/2014 Source: EPA Region 4
Date Data Arrived at EDR: 08/12/2014 Telephone: 404-562-8677
Date Made Active in Reports: 08/22/2014 Last EDR Contact: 10/27/2014
Number of Days to Update: 10 Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Semi-Annually

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

Date of Government Version: 10/06/2014 Source: EPA Region 6
Date Data Arrived at EDR: 10/29/2014 Telephone: 214-665-6597
Date Made Active in Reports: 11/17/2014 Last EDR Contact: 10/27/2014
Number of Days to Update: 19 Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

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

Date of Government Version: 05/22/2014 Source: EPA Region 7
Date Data Arrived at EDR: 08/22/2014 Telephone: 913-551-7003
Date Made Active in Reports: 09/18/2014 Last EDR Contact: 10/27/2014
Number of Days to Update: 27 Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

State and tribal registered storage tank lists

UST: Underground Storage Tank Data

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

Date of Government Version: 07/28/2014
Date Data Arrived at EDR: 08/01/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 24
Source: Department of Health and Environment
Telephone: 785-296-1685
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Data Registered Aboveground Storage Tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/28/2014
Date Data Arrived at EDR: 08/01/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 24

Source: Department of Health and Environment
Telephone: 785-296-1685
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

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: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/31/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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: 07/30/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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: 11/03/2014
Date Data Arrived at EDR: 11/05/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 12

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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: 10/06/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 8

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

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: 08/20/2014
Date Data Arrived at EDR: 08/22/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 27

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/04/2014 Source: EPA Region 8
Date Data Arrived at EDR: 11/07/2014 Telephone: 303-312-6137
Date Made Active in Reports: 11/17/2014 Last EDR Contact: 10/27/2014
Number of Days to Update: 10 Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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: 05/20/2014 Source: EPA Region 10
Date Data Arrived at EDR: 06/10/2014 Telephone: 206-553-2857
Date Made Active in Reports: 08/15/2014 Last EDR Contact: 10/27/2014
Number of Days to Update: 66 Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

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: 08/14/2014 Source: EPA Region 9
Date Data Arrived at EDR: 08/15/2014 Telephone: 415-972-3368
Date Made Active in Reports: 08/22/2014 Last EDR Contact: 10/27/2014
Number of Days to Update: 7 Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Source: FEMA
Date Data Arrived at EDR: 02/16/2010 Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010 Last EDR Contact: 10/10/2014
Number of Days to Update: 55 Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

INST CONTROL: Institutional Controls Information

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

Date of Government Version: 08/20/2014 Source: Department of Health & Environment
Date Data Arrived at EDR: 08/22/2014 Telephone: 785-296-8049
Date Made Active in Reports: 09/10/2014 Last EDR Contact: 10/14/2014
Number of Days to Update: 19 Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

VCP: Identified Sites List

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

Date of Government Version: 08/04/2014 Source: Department of Health & Environment
Date Data Arrived at EDR: 08/08/2014 Telephone: 785-296-8049
Date Made Active in Reports: 08/26/2014 Last EDR Contact: 10/14/2014
Number of Days to Update: 18 Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/29/2014 Source: EPA, Region 1
Date Data Arrived at EDR: 10/01/2014 Telephone: 617-918-1102
Date Made Active in Reports: 11/06/2014 Last EDR Contact: 10/01/2014
Number of Days to Update: 36 Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisiting
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
Date Data Arrived at EDR: 04/22/2008 Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008 Last EDR Contact: 04/20/2009
Number of Days to Update: 27 Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Identified Sites List

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

Date of Government Version: 08/04/2014 Source: Department of Health & Environment
Date Data Arrived at EDR: 08/08/2014 Telephone: 785-296-8049
Date Made Active in Reports: 08/26/2014 Last EDR Contact: 10/14/2014
Number of Days to Update: 18 Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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: 09/22/2014 Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/23/2014 Telephone: 202-566-2777
Date Made Active in Reports: 10/20/2014 Last EDR Contact: 11/07/2014
Number of Days to Update: 27 Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/24/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: No Update Planned

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/29/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

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

Date of Government Version: 07/25/2014
Date Data Arrived at EDR: 09/09/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 41

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Quarterly

AOCONCERN: Area of Concern

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

Date of Government Version: N/A
Date Data Arrived at EDR: 04/25/2002
Date Made Active in Reports: 06/28/2002
Number of Days to Update: 64

Source: Department of Environmental Health
Telephone: 315-268-8351
Last EDR Contact: 03/13/2007
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CDL: Clandestine Laboratory Data
Clandestine meth lab location

Date of Government Version: 09/29/2009
Date Data Arrived at EDR: 10/02/2009
Date Made Active in Reports: 10/20/2009
Number of Days to Update: 18

Source: Department of Health and Environment
Telephone: 785-368-7301
Last EDR Contact: 11/17/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/25/2014
Date Data Arrived at EDR: 09/09/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 41

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 09/03/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

SPILLS: Kansas Spills Database

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

Date of Government Version: 08/04/2014
Date Data Arrived at EDR: 08/08/2014
Date Made Active in Reports: 09/17/2014
Number of Days to Update: 40

Source: Department of Health and Environment
Telephone: 785-296-1660
Last EDR Contact: 10/14/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Semi-Annually

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

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

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/04/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/09/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/20/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Varies

US MINES: Mines Master Index File

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

Date of Government Version: 08/05/2014
Date Data Arrived at EDR: 09/04/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 74

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/04/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 08/29/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/26/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Every 4 Years

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

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/19/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Quarterly

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

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/19/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 07/31/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/15/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/08/2014
Next Scheduled EDR Contact: 12/22/2014
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 10/07/2014
Date Data Arrived at EDR: 10/08/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 08/16/2014	Source: EPA
Date Data Arrived at EDR: 09/10/2014	Telephone: (913) 551-7003
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/10/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

RMP: Risk Management Plans

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: 08/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/12/2014	Telephone: 202-564-8600
Date Made Active in Reports: 11/06/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 86	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 08/29/2014
Number of Days to Update: 52	Next Scheduled EDR Contact: 12/08/2014
	Data Release Frequency: Biennially

UIC: Underground Injection Wells Database Listing

A listing of underground injection wells.

Date of Government Version: 08/08/2014	Source: Department of Health & Environment
Date Data Arrived at EDR: 08/12/2014	Telephone: 785-296-1367
Date Made Active in Reports: 08/27/2014	Last EDR Contact: 10/27/2014
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/09/2015
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DRYCLEANERS: Registered Drycleaning Facilities

A listing of registered drycleaners.

Date of Government Version: 09/04/2014
Date Data Arrived at EDR: 09/05/2014
Date Made Active in Reports: 09/10/2014
Number of Days to Update: 5

Source: Department of Health & Environment
Telephone: 785-291-3250
Last EDR Contact: 09/02/2014
Next Scheduled EDR Contact: 12/15/2014
Data Release Frequency: Varies

AIRS: Title V Source Information

A listing of title V sources, including emissions information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/04/2013
Number of Days to Update: 63

Source: Department of Health & Environment
Telephone: 785-296-6427
Last EDR Contact: 10/14/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

TIER 2: Tier 2 Information Listing

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/11/2014
Date Made Active in Reports: 08/25/2014
Number of Days to Update: 45

Source: Department of Health & Environment
Telephone: 785-296-1688
Last EDR Contact: 09/22/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Annually

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/18/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

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: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/14/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/10/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/22/2014
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/12/2014	Telephone: 703-603-8787
Date Made Active in Reports: 07/28/2014	Last EDR Contact: 10/06/2014
Number of Days to Update: 46	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 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
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/30/2014
Number of Days to Update: 3	Next Scheduled EDR Contact: 01/12/2015
	Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 11/07/2014
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: N/A

EPA WATCH LIST: EPA WATCH LIST

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 11/14/2014
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/23/2015
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal combustion waste landfills.

Date of Government Version: 04/28/2014
Date Data Arrived at EDR: 05/05/2014
Date Made Active in Reports: 05/12/2014
Number of Days to Update: 7

Source: Department of Health & Environment
Telephone: 785-296-1600
Last EDR Contact: 10/20/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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: 09/04/2014
Date Data Arrived at EDR: 09/04/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/11/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Quarterly

Financial Assurance: Financial Assurance Information Listing

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: 07/28/2014
Date Data Arrived at EDR: 08/01/2014
Date Made Active in Reports: 08/26/2014
Number of Days to Update: 25

Source: Department of Health & Environment
Telephone: 785-296-1685
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 10/31/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

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: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 10/17/2014
Number of Days to Update: 76	Next Scheduled EDR Contact: 01/26/2015
	Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

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: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

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: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

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: N/A

Source: Department of Health and Environment

Date Data Arrived at EDR: 07/01/2013

Telephone: N/A

Date Made Active in Reports: 01/20/2014

Last EDR Contact: 06/01/2012

Number of Days to Update: 203

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

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: N/A

Source: Department of Health and Environment

Date Data Arrived at EDR: 07/01/2013

Telephone: N/A

Date Made Active in Reports: 01/03/2014

Last EDR Contact: 06/01/2012

Number of Days to Update: 186

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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: N/A

Source: Department of Health and Environment

Date Data Arrived at EDR: 07/01/2013

Telephone: N/A

Date Made Active in Reports: 01/03/2014

Last EDR Contact: 06/01/2012

Number of Days to Update: 186

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 07/30/2013

Source: Department of Energy & Environmental Protection

Date Data Arrived at EDR: 08/19/2013

Telephone: 860-424-3375

Date Made Active in Reports: 10/03/2013

Last EDR Contact: 11/17/2014

Number of Days to Update: 45

Next Scheduled EDR Contact: 03/02/2015

Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/01/2014
Date Data Arrived at EDR: 08/07/2014
Date Made Active in Reports: 10/17/2014
Number of Days to Update: 71

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/05/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information
Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/15/2014
Date Made Active in Reports: 08/13/2014
Number of Days to Update: 29

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/26/2014
Next Scheduled EDR Contact: 12/08/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.
Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 08/07/2014
Number of Days to Update: 48

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/15/2014
Next Scheduled EDR Contact: 12/29/2014
Data Release Frequency: Annually

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

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

AHA Hospitals:

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

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

Medical Centers: Provider of Services Listing

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

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

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

STREET AND ADDRESS INFORMATION

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GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FRANKLIN COUNTY INDUSTRIAL PARK ESA
SOUTHWEST OF LABETTE ROAD AND MONTANA ROAD
OTTAWA, KS 66067

TARGET PROPERTY COORDINATES

Latitude (North):	38.5779 - 38° 34' 40.44"
Longitude (West):	95.2583 - 95° 15' 29.88"
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	303276.9
UTM Y (Meters):	4272148.5
Elevation:	910 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38095-E3 OTTAWA SOUTH, KS
Most Recent Revision:	1983
East Map:	38095-E2 PEORIA, KS
Most Recent Revision:	1983

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

Assessment of the impact of contaminant migration generally has two 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).

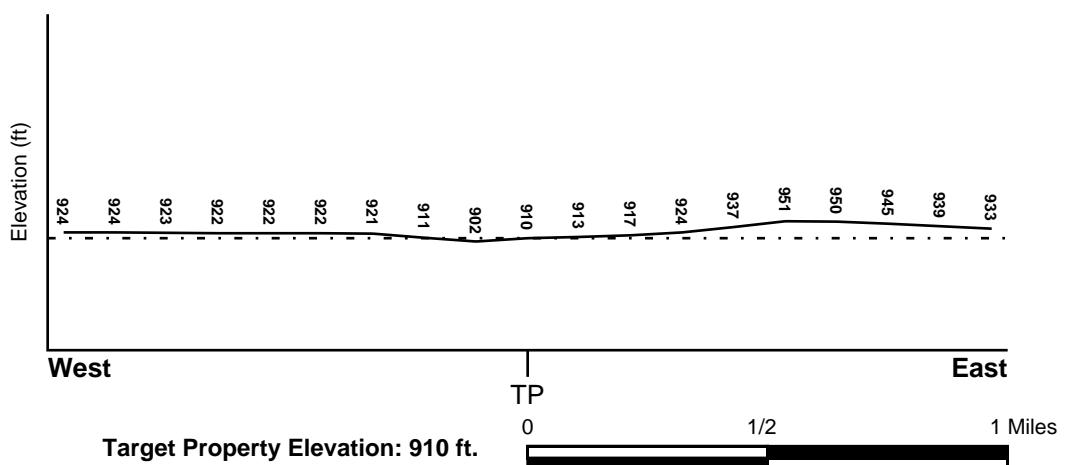
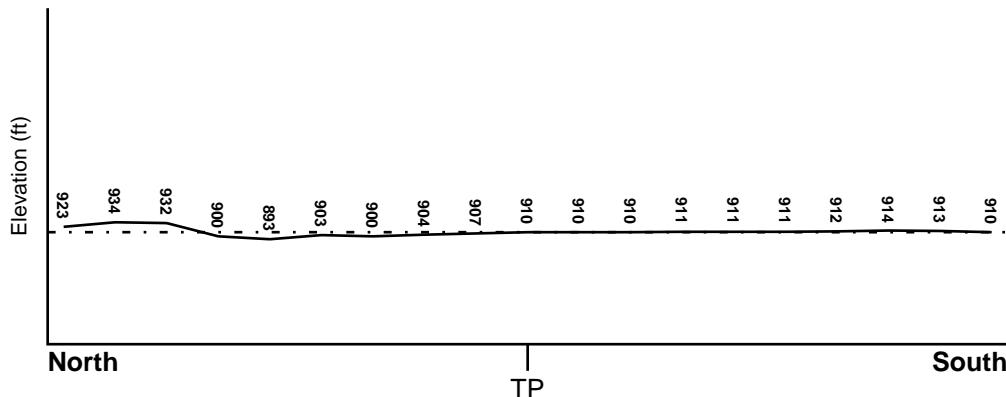
TOPOGRAPHIC INFORMATION

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 North

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Target Property County</u> FRANKLIN, KS	FEMA Flood <u>Electronic Data</u> Not Available
-----------------------------------------------	-------------------------------------------------------

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> NOT AVAILABLE	NWI Electronic <u>Data Coverage</u> 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.

<u>MAP ID</u> Not Reported	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

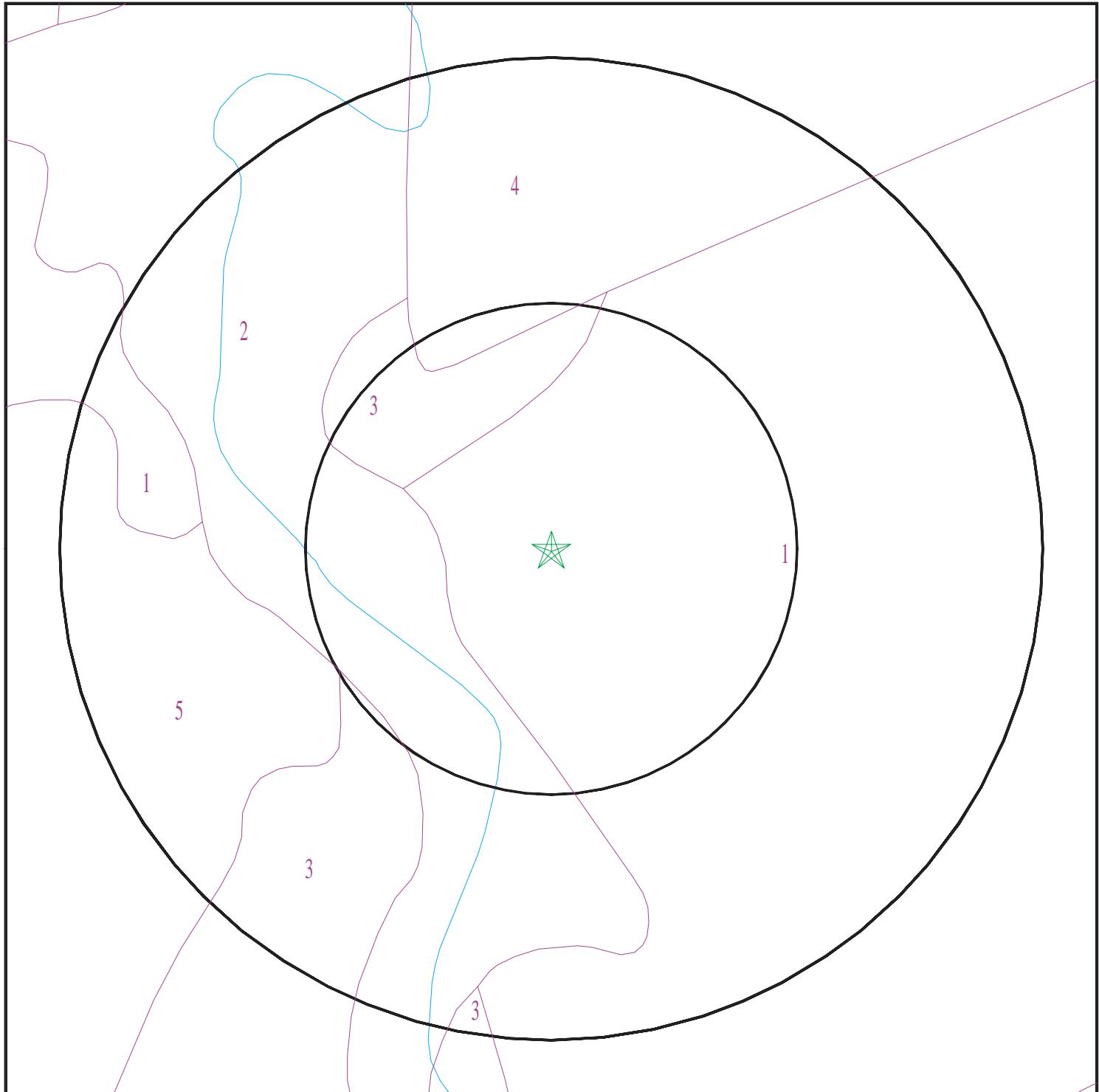
Era: Paleozoic
System: Pennsylvanian
Series: Virgilian Series
Code: PP4 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 4138723.2s



SITE NAME: Franklin County Industrial Park ESA
ADDRESS: Southwest of Labette Road and Montana Road
Ottawa KS 66067
LAT/LONG: 38.5779 / 95.2583

CLIENT: Blackstone Environmental Inc
CONTACT: Anne Melia
INQUIRY #: 4138723.2s
DATE: November 19, 2014 10:25 am

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Kenoma

Soil Surface Texture: silt loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 36 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	5 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.233 Min: 1.411	Max: 6.5 Min: 5.1	
2	5 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.233 Min: 1.411	Max: 6.5 Min: 5.1	
3	11 inches	33 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.4233 Min: 0.01	Max: 7.8 Min: 5.1	
4	33 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.411 Min: 0.4233	Max: 8.4 Min: 6.1	

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Verdigris

Soil Surface Texture: silt loam

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

Soil Drainage Class: Well drained

Hydric Status: Partially 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	7 inches	16 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 7.3 Min: 5.6	
2	27 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 7.3 Min: 5.6	
3	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 7.3 Min: 5.6	
4	16 inches	27 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 7.3 Min: 5.6	

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: Osage
 Soil Surface Texture: silty clay loam
 Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
 Soil Drainage Class: Poorly drained
 Hydric Status: Partially hydric
 Corrosion Potential - Uncoated Steel: High
 Depth to Bedrock Min: > 0 inches
 Depth to Watertable Min: > 15 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	5 inches	16 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.4233 Min: 0.01	Max: 7.3 Min: 5.1	
2	50 inches	59 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.4233 Min: 0.01	Max: 7.8 Min: 5.6	
3	0 inches	5 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.4233 Min: 0.01	Max: 7.3 Min: 5.1	
4	16 inches	50 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.4233 Min: 0.01	Max: 7.8 Min: 5.6	

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 4

Soil Component Name: Pits, quarries
Soil Surface Texture: silty clay loam
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class:
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: 5

Soil Component Name: Woodson
Soil Surface Texture: silt loam
Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.
Soil Drainage Class: Somewhat poorly drained
Hydric Status: Not hydric
Corrosion Potential - Uncoated Steel: High
Depth to Bedrock Min: > 0 inches
Depth to Watertable Min: > 36 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.233 Min: 1.411	Max: 6.5 Min: 5.6

GEOCHECK® - PHYSICAL SETTING SOURCE 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			
2	7 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4.233 Min: 1.411	Max: 6.5 Min: 5.6	
3	11 inches	29 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.4233 Min: 0.01	Max: 7.3 Min: 5.6	
4	29 inches	42 inches	silty clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.4233 Min: 0.01	Max: 7.3 Min: 5.6	
5	42 inches	59 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.411 Min: 0.4233	Max: 7.8 Min: 5.6	

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

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	KS6000000146795	0 - 1/8 Mile ESE
2	KS6000000146995	1/8 - 1/4 Mile NNE
3	KS6000000146993	1/4 - 1/2 Mile NW
4	KS6000000146996	1/4 - 1/2 Mile ENE
A5	KS6000000147124	1/4 - 1/2 Mile NE
A6	KS6000000147125	1/4 - 1/2 Mile NE
7	KS6000000146991	1/4 - 1/2 Mile WNW
8	KS6000000146940	1/2 - 1 Mile West
9	KS6000000146860	1/2 - 1 Mile East
B10	KS6000000146845	1/2 - 1 Mile West
B11	KS6000000146844	1/2 - 1 Mile West
B12	KS6000000146847	1/2 - 1 Mile West
B13	KS6000000146846	1/2 - 1 Mile West
B14	KS6000000146843	1/2 - 1 Mile West
B15	KS6000000146835	1/2 - 1 Mile West
B16	KS6000000146836	1/2 - 1 Mile West
B17	KS6000000146834	1/2 - 1 Mile West
B18	KS6000000146832	1/2 - 1 Mile West
B19	KS6000000146833	1/2 - 1 Mile West
B20	KS6000000146837	1/2 - 1 Mile West
B21	KS6000000146841	1/2 - 1 Mile West
B22	KS6000000146842	1/2 - 1 Mile West
B23	KS6000000146840	1/2 - 1 Mile West
B24	KS6000000146838	1/2 - 1 Mile West
B25	KS6000000146839	1/2 - 1 Mile West
26	KS6000000146990	1/2 - 1 Mile WNW
27	KS6000000146380	1/2 - 1 Mile SSW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

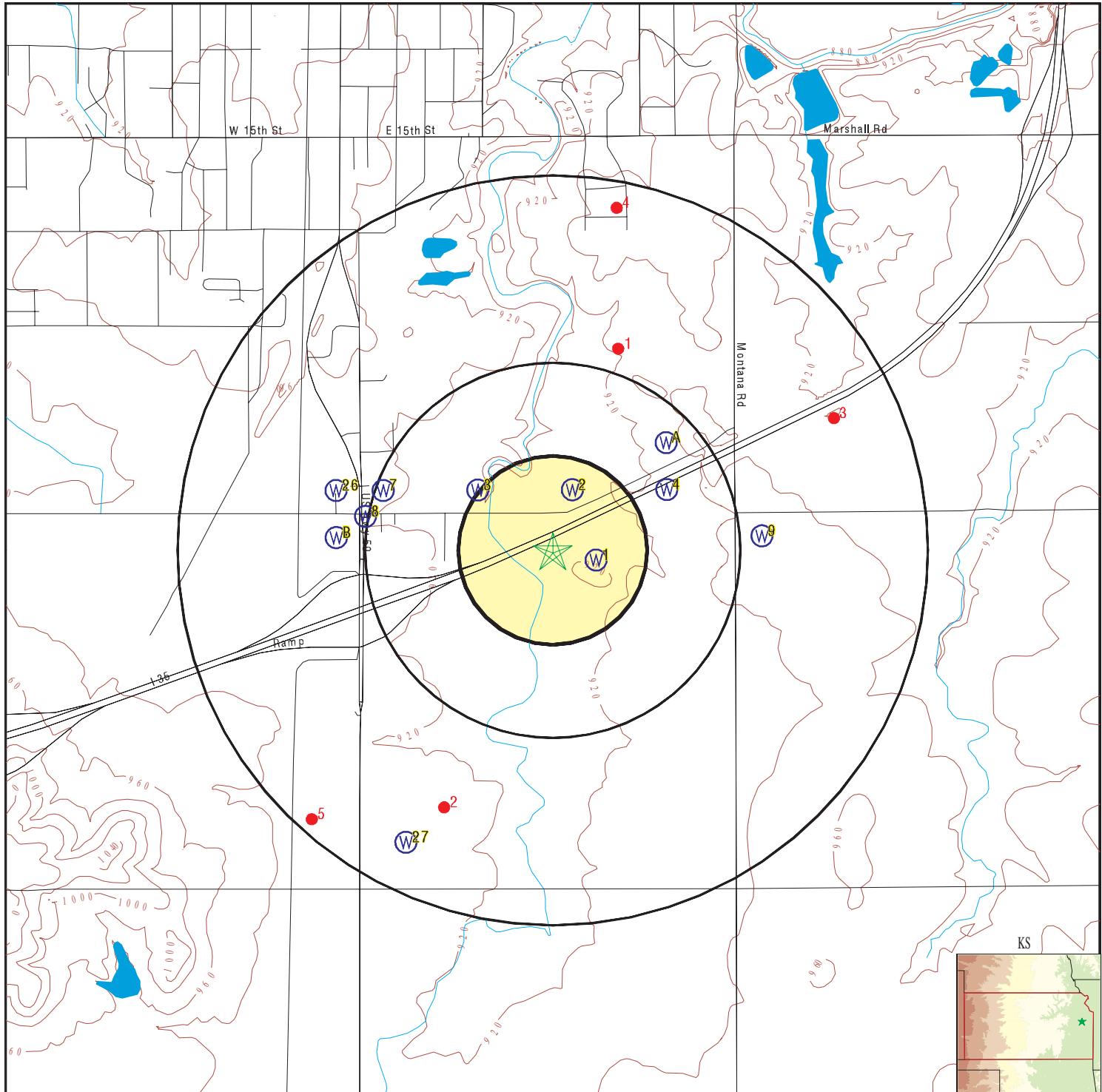
MAP ID	WELL ID	LOCATION FROM TP
1	KSOG90000335532	1/2 - 1 Mile NNE
2	KSOG90000331270	1/2 - 1 Mile SSW
3	KSOG90000334873	1/2 - 1 Mile ENE
4	KSOG90000336774	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION
<u>5</u>	<u>KSOG90000331152</u>	FROM TP <u>1/2 - 1 Mile SW</u>

PHYSICAL SETTING SOURCE MAP - 4138723.2s



County Boundary

Major Roads

Contour Lines

Earthquake epicenter, Richter 5 or greater

Water Wells

Public Water Supply Wells

Cluster of Multiple Icons

Groundwater Flow Direction

(G I) Indeterminate Groundwater Flow at Location

(G V) Groundwater Flow Varies at Location

Oil, gas or related wells

SITE NAME: Franklin County Industrial Park ESA
ADDRESS: Southwest of Labette Road and Montana Road
 Ottawa KS 66067
LAT/LONG: 38.5779 / 95.2583

CLIENT: Blackstone Environmental Inc
CONTACT: Anne Melia
INQUIRY #: 4138723.2s
DATE: November 19, 2014 10:25 am

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
ESE
0 - 1/8 Mile
Higher

KS WELLS **KS6000000146795**

Well id:	364668	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	13	Spot:	NW NE
Longitude:	-95.25591	Latitude:	38.57751
Long lat t:	From PLSS	Owner:	Camp Chippewa
Well use:	Domestic		
Comple dat:	15-Aug-1961		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	Ottawa		
Well depth:	80	Elev:	Not Reported
Static dep:	10	Est yield:	2.5
Driller:	H. R. Swank		

2
NNE
1/8 - 1/4 Mile
Lower

KS WELLS **KS6000000146995**

Well id:	364666	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	12	Spot:	SW SW SE
Longitude:	-95.25708	Latitude:	38.58023
Long lat t:	From PLSS	Owner:	Rose, Grace S
Well use:	Domestic		
Comple dat:	11-Sep-1962		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	Ottawa		
Well depth:	100	Elev:	Not Reported
Static dep:	22.5	Est yield:	1
Driller:	H. R. Swank		

3
NW
1/4 - 1/2 Mile
Lower

KS WELLS **KS6000000146993**

Well id:	364665	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	12	Spot:	SW SE SW
Longitude:	-95.26173	Latitude:	38.58022
Long lat t:	From PLSS	Owner:	Snook, Wilbur F.
Well use:	Domestic		
Comple dat:	28-May-1965		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	Ottawa		
Well depth:	200	Elev:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep: Not Reported Est yield: Not Reported
 Driller: H. R. Swank

4
ENE
1/4 - 1/2 Mile
Higher

KS WELLS **KS6000000146996**

Well id:	364664	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	12	Spot:	SW SE SE
Longitude:	-95.25243	Latitude:	38.58024
Long lat t:	From PLSS	Owner:	Davidson, C. L.
Well use:	Domestic		
Comple dat:	02-Apr-1962		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	Princeton		
Well depth:	62	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	H. R. Swank		

A5
NE
1/4 - 1/2 Mile
Higher

KS WELLS **KS6000000147124**

Well id:	21655	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	12	Spot:	NW SE SE
Longitude:	-95.25246	Latitude:	38.58205
Long lat t:	From PLSS	Owner:	Watts, Clayton
Well use:	Domestic		
Comple dat:	20-Jul-1989		
Status:	PLUGGED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	from Richter: 2 mi S, .75 mi E		
Well depth:	90	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Edgar Swank Drlg & Pump Repair		

A6
NE
1/4 - 1/2 Mile
Higher

KS WELLS **KS6000000147125**

Well id:	21656	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	12	Spot:	NW SE SE
Longitude:	-95.25246	Latitude:	38.58205
Long lat t:	From PLSS	Owner:	Watts, Clayton
Well use:	Domestic		
Comple dat:	20-Jul-1989		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	from Richter: 2 mi S, .75 mi E		
Well depth:	100	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep: 35 Est yield: 3
 Driller: Edgar Swank Drlg & Pump Repair

7
WWN
1/4 - 1/2 Mile
Higher

KS WELLS **KS6000000146991**

Well id:	364667	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	12	Spot:	SW SW SW
Longitude:	-95.26639	Latitude:	38.5802
Long lat t:	From PLSS	Owner:	Hildebrandt, Norman
Well use:	Domestic		
Comple dat:	02-Oct-1962		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	Ottawa		
Well depth:	86	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	13
Driller:	H. R. Swank		

8
West
1/2 - 1 Mile
Higher

KS WELLS **KS6000000146940**

Well id:	389453	County:	Franklin
Township:	17	Twn dir:	S
Range:	20	Range dir:	E
Section:	12	Spot:	SW SW SW
Longitude:	-95.267262	Latitude:	38.5792
Long lat t:	GPS	Owner:	Conoco Phillips
Well use:	Monitoring well/observation/piezometer		
Comple dat:	02-Aug-2006		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	23rd St and Hwy 59, NE corner		
Well depth:	11	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Below Ground Surface, Inc.		

9
East
1/2 - 1 Mile
Higher

KS WELLS **KS6000000146860**

Well id:	392076	County:	Franklin
Township:	17	Twn dir:	S
Range:	20	Range dir:	E
Section:	18	Spot:	NW NW NW
Longitude:	-95.247746	Latitude:	38.578448
Long lat t:	From PLSS	Owner:	Bibens, Charles
Well use:	Domestic		
Comple dat:	13-Oct-2006		
Status:	PLUGGED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	from Ottawa: .5 mi E on Labette, .25 mi S on Montana Rd		
Well depth:	14	Elev:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep: 4 Est yield: Not Reported
 Driller: Tom Patchen Pump & Well Drlg.

B10 **KS WELLS** **KS6000000146845**
West
1/2 - 1 Mile
Higher

Well id:	318549	County:	Frankli
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	14	Spot:	NE NE NE
Longitude:	-95.2687	Latitude:	38.57838
Long lat t:	From PLSS	Owner:	Wolken, Ed
Well use:	Monitoring well/observation/piezometer		
Comple dat:	14-Feb-2001		
Status:	PLUGGED	Other id:	MW 9
Dwr number:	Not Reported		
Directions:	216 E 23rd St, Ottawa		
Well depth:	10	Elev:	Not Reported
Static dep:	4	Est yield:	Not Reported
Driller:	Maxim Technologies, Inc.		

B11 **KS WELLS** **KS6000000146844**
West
1/2 - 1 Mile
Higher

Well id:	318548	County:	Frankli
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	14	Spot:	NE NE NE
Longitude:	-95.2687	Latitude:	38.57838
Long lat t:	From PLSS	Owner:	Wolken, Ed
Well use:	Monitoring well/observation/piezometer		
Comple dat:	14-Feb-2001		
Status:	CONSTRUCTED	Other id:	MW 3
Dwr number:	Not Reported		
Directions:	216 E 23rd St, Ottawa		
Well depth:	11.5	Elev:	918.8
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Maxim Technologies, Inc.		

B12 **KS WELLS** **KS6000000146847**
West
1/2 - 1 Mile
Higher

Well id:	318551	County:	Frankli
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	14	Spot:	NE NE NE
Longitude:	-95.2687	Latitude:	38.57838
Long lat t:	From PLSS	Owner:	Wolken, Ed
Well use:	Monitoring well/observation/piezometer		
Comple dat:	14-Feb-2001		
Status:	CONSTRUCTED	Other id:	MW 11
Dwr number:	Not Reported		
Directions:	216 E 23rd St, Ottawa		
Well depth:	11	Elev:	918.2

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep: Not Reported Est yield: Not Reported
 Driller: Maxim Technologies, Inc.

B13 **KS WELLS** **KS6000000146846**
West
1/2 - 1 Mile
Higher

Well id:	318550	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	14	Spot:	NE NE NE
Longitude:	-95.2687	Latitude:	38.57838
Long lat t:	From PLSS	Owner:	Wolken, Ed
Well use:	Monitoring well/observation/piezometer		
Comple dat:	14-Feb-2001	Other id:	MW 10
Status:	CONSTRUCTED		
Dwr number:	Not Reported		
Directions:	216 E 23rd St, Ottawa		
Well depth:	13	Elev:	920.4
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Maxim Technologies, Inc.		

B14 **KS WELLS** **KS6000000146843**
West
1/2 - 1 Mile
Higher

Well id:	318547	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	14	Spot:	NE NE NE
Longitude:	-95.2687	Latitude:	38.57838
Long lat t:	From PLSS	Owner:	Wolken, Ed
Well use:	Monitoring well/observation/piezometer		
Comple dat:	14-Feb-2001	Other id:	MW 2
Status:	CONSTRUCTED		
Dwr number:	Not Reported		
Directions:	216 E 23nd St, Ottawa		
Well depth:	13.85	Elev:	919.8
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Maxim Technologies, Inc.		

B15 **KS WELLS** **KS6000000146835**
West
1/2 - 1 Mile
Higher

Well id:	98620	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	14	Spot:	NE NE NE
Longitude:	-95.2687	Latitude:	38.57838
Long lat t:	From PLSS	Owner:	Wolken, Edward
Well use:	Monitoring well/observation/piezometer		
Comple dat:	22-Feb-1995	Other id:	MW 4
Status:	CONSTRUCTED		
Dwr number:	Not Reported		
Directions:	216 E 23rd St, Ottawa		
Well depth:	10	Elev:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep: .73 Est yield: Not Reported
 Driller: Donald C. Sesso, Maxim Tech./Kansas Ci

B16
West
1/2 - 1 Mile
Higher

KS WELLS **KS6000000146836**

Well id:	98624	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	14	Spot:	NE NE NE
Longitude:	-95.2687	Latitude:	38.57838
Long lat t:	From PLSS	Owner:	Wolken, Edward
Well use:	Monitoring well/observation/piezometer		
Comple dat:	22-Feb-1995		
Status:	CONSTRUCTED	Other id:	MW 5
Dwr number:	Not Reported		
Directions:	216 E 23rd St, Ottawa		
Well depth:	10	Elev:	Not Reported
Static dep:	3.92	Est yield:	Not Reported
Driller:	Donald C. Sesso, Maxim Tech./Kansas Ci		

B17
West
1/2 - 1 Mile
Higher

KS WELLS **KS6000000146834**

Well id:	98619	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	14	Spot:	NE NE NE
Longitude:	-95.2687	Latitude:	38.57838
Long lat t:	From PLSS	Owner:	Wolken, Edward
Well use:	Monitoring well/observation/piezometer		
Comple dat:	14-Feb-1995		
Status:	CONSTRUCTED	Other id:	MW 3
Dwr number:	Not Reported		
Directions:	216 E 23rd St, Ottawa		
Well depth:	12.5	Elev:	Not Reported
Static dep:	6.18	Est yield:	Not Reported
Driller:	Donald C. Sesso, Maxim Tech./Kansas Ci		

B18
West
1/2 - 1 Mile
Higher

KS WELLS **KS6000000146832**

Well id:	98614	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	14	Spot:	NE NE NE
Longitude:	-95.2687	Latitude:	38.57838
Long lat t:	From PLSS	Owner:	Wolken, Edward
Well use:	Monitoring well/observation/piezometer		
Comple dat:	16-Feb-1995		
Status:	CONSTRUCTED	Other id:	MW 1
Dwr number:	Not Reported		
Directions:	216 E 23rd St, Ottawa		
Well depth:	13	Elev:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep: 2.87 Est yield: Not Reported
 Driller: Donald C. Sesso, Maxim Tech./Kansas Ci

B19 **KS WELLS** **KS6000000146833**
West
1/2 - 1 Mile
Higher

Well id:	98616	County:	Frankli
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	14	Spot:	NE NE NE
Longitude:	-95.2687	Latitude:	38.57838
Long lat t:	From PLSS	Owner:	Wolken, Edward
Well use:	Monitoring well/observation/piezometer		
Comple dat:	16-Feb-1995		
Status:	CONSTRUCTED	Other id:	MW 2
Dwr number:	Not Reported		
Directions:	216 E 23rd St, Ottawa		
Well depth:	14	Elev:	Not Reported
Static dep:	3.32	Est yield:	Not Reported
Driller:	Donald C. Sesso, Maxim Tech./Kansas Ci		

B20 **KS WELLS** **KS6000000146837**
West
1/2 - 1 Mile
Higher

Well id:	98625	County:	Frankli
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	14	Spot:	NE NE NE
Longitude:	-95.2687	Latitude:	38.57838
Long lat t:	From PLSS	Owner:	Wolken, Edward
Well use:	Monitoring well/observation/piezometer		
Comple dat:	22-Mar-1995		
Status:	CONSTRUCTED	Other id:	MW 6
Dwr number:	Not Reported		
Directions:	216 E 23rd St, Ottawa		
Well depth:	12.5	Elev:	Not Reported
Static dep:	12.5	Est yield:	Not Reported
Driller:	Donald C. Sesso, Maxim Tech./Kansas Ci		

B21 **KS WELLS** **KS6000000146841**
West
1/2 - 1 Mile
Higher

Well id:	108283	County:	Frankli
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	14	Spot:	NE NE NE
Longitude:	-95.2687	Latitude:	38.57838
Long lat t:	From PLSS	Owner:	Wolken Oil
Well use:	Monitoring well/observation/piezometer		
Comple dat:	26-Feb-1996		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	216 E 23rd St, Ottawa		
Well depth:	13	Elev:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep: 10.87 Est yield: Not Reported
 Driller: Will Purdon, Maximum/Kansas City Testi

B22
West
1/2 - 1 Mile
Higher

KS WELLS **KS6000000146842**

Well id:	108284	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	14	Spot:	NE NE NE
Longitude:	-95.2687	Latitude:	38.57838
Long lat t:	From PLSS	Owner:	Wolken Oil
Well use:	Monitoring well/observation/piezometer		
Comple dat:	26-Feb-1996		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	216 E 23rd St, Ottawa		
Well depth:	11	Elev:	Not Reported
Static dep:	9.35	Est yield:	Not Reported
Driller:	Will Purdon, Maximum/Kansas City Testi		

B23
West
1/2 - 1 Mile
Higher

KS WELLS **KS6000000146840**

Well id:	98630	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	14	Spot:	NE NE NE
Longitude:	-95.2687	Latitude:	38.57838
Long lat t:	From PLSS	Owner:	Wolken, Edward
Well use:	Monitoring well/observation/piezometer		
Comple dat:	24-Feb-1995		
Status:	CONSTRUCTED	Other id:	MW 9
Dwr number:	Not Reported		
Directions:	216 E 23rd St, Ottawa		
Well depth:	10	Elev:	Not Reported
Static dep:	10	Est yield:	Not Reported
Driller:	Donald C. Sesso, Maxim Tech./Kansas Ci		

B24
West
1/2 - 1 Mile
Higher

KS WELLS **KS6000000146838**

Well id:	98627	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	14	Spot:	NE NE NE
Longitude:	-95.2687	Latitude:	38.57838
Long lat t:	From PLSS	Owner:	Wolken, Edward
Well use:	Monitoring well/observation/piezometer		
Comple dat:	22-Feb-1995		
Status:	CONSTRUCTED	Other id:	MW 7
Dwr number:	Not Reported		
Directions:	216 E 23rd St, Ottawa		
Well depth:	12.5	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep: 9.21 Est yield: Not Reported
 Driller: Donald C. Sesso, Maxim Tech./Kansas Ci

B25 **KS WELLS** **KS6000000146839**
West
1/2 - 1 Mile
Higher

Well id:	98629	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	14	Spot:	NE NE NE
Longitude:	-95.2687	Latitude:	38.57838
Long lat t:	From PLSS	Owner:	Wolken, Edward
Well use:	Monitoring well/observation/piezometer		
Comple dat:	23-Feb-1995		
Status:	CONSTRUCTED	Other id:	MW 8
Dwr number:	Not Reported		
Directions:	216 E 23rd St, Ottawa		
Well depth:	14	Elev:	Not Reported
Static dep:	10.56	Est yield:	Not Reported
Driller:	Donald C. Sesso, Maxim Tech./Kansas Ci		

26 **KS WELLS** **KS6000000146990**
WWN
1/2 - 1 Mile
Higher

Well id:	108285	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	11	Spot:	SE SE SE
Longitude:	-95.26871	Latitude:	38.5802
Long lat t:	From PLSS	Owner:	Wolken Oil
Well use:	Monitoring well/observation/piezometer		
Comple dat:	26-Feb-1996		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	216 E 23rd St, Ottawa		
Well depth:	14	Elev:	Not Reported
Static dep:	11.51	Est yield:	Not Reported
Driller:	Will Purdon, Maximum/Kansas City Testi		

27 **KS WELLS** **KS6000000146380**
SSW
1/2 - 1 Mile
Higher

Well id:	364669	County:	Franklin
Township:	17	Twn dir:	S
Range:	19	Range dir:	E
Section:	13	Spot:	SW SW
Longitude:	-95.26527	Latitude:	38.5666
Long lat t:	From PLSS	Owner:	Camp Chippewa
Well use:	Domestic		
Comple dat:	08-Aug-1962		
Status:	CONSTRUCTED	Other id:	3
Dwr number:	Not Reported		
Directions:	Ottawa		
Well depth:	331	Elev:	Not Reported

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:
Driller:

135
H. R. Swank

Est yield:

Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID	Database	EDR ID Number
Direction		
Distance		

1			
NNE		OIL_GAS	
1/2 - 1 Mile		KSOG90000335532	
Kid:	1002912562		
State code:	15	County cod:	59
Api well n:	20176	Api workov:	Not Reported
Field name:	OTTAWA		
Field kid:	1000148264		
Lease name:	FOGLE	Well name:	1
Well class:	Plugged and Abandoned		
Operator n:	C RICHARD & FRANK D FOGLE		
Operator k:	0		
Principal :	6	Township:	17
Township d:	S	Range :	19
Range dire:	E	Section:	12
Subdivisio:	SE	Subdivis 1:	NW
Subdivis 2:	NE	Subdivis 3:	Not Reported
Spot:	Not Reported	Feet north:	0
Feet east :	0	Reference :	Not Reported
Rotary tot:	800	Status :	D&A
Spud date:	20-SEP-73	Permit dat:	12-SEP-73
Completion:	24-SEP-73	Api number:	15-059-20176
Plug date:	30-SEP-73		
Elevation :	0		
Elevation1:	920		
Elevatio 1:	0		
Producing :	Not Reported		
Nad27 lati:	38.5856814		
Nad27 long:	-95.2548288		
Nad83 lati:	38.5856935		
Nad83 long:	-95.2550801		
Completi 1:	1973	Site id:	KSOG90000335532

2			
SSW		OIL_GAS	
1/2 - 1 Mile		KSOG90000331270	
Kid:	1026521421		
State code:	15	County cod:	59
Api well n:	21863	Api workov:	Not Reported
Field name:	Not Reported		
Field kid:	0		
Lease name:	WILLIS	Well name:	1
Well class:	Plugged and Abandoned		
Operator n:	TOWN OIL CO.		
Operator k:	0		
Principal :	Not Reported	Township:	17
Township d:	S	Range :	19
Range dire:	E	Section:	13
Subdivisio:	SW	Subdivis 1:	SW
Subdivis 2:	NE	Subdivis 3:	NE
Spot:	Not Reported	Feet north:	1150
Feet east :	1200	Reference :	SW
Rotary tot:	880	Status :	D&A
Spud date:	30-DEC-99	Permit dat:	30-MAR-81
Completion:	30-DEC-99	Api number:	15-059-21863
Plug date:	01-APR-81		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Elevation : 0
 Elevation1: 0
 Elevatio 1: 0
 Producing : Not Reported
 Nad27 lati: 38.567952
 Nad27 long: -95.2633959
 Nad83 lati: 38.5679648
 Nad83 long: -95.2636475
 Completi 1: Not Reported

Site id: KSOG90000331270

3
ENE
1/2 - 1 Mile

		OIL_GAS	KSOG90000334873
Kid:	1026518215		
State code:	15	County cod:	59
Api well n:	20075	Api workov:	Not Reported
Field name:	Not Reported		
Field kid:	0		
Lease name:	EVANS ESTATE	Well name:	1
Well class:	Approved Intent to Drill		
Operator n:	EVANS & MURRA		
Operator k:	0		
Principal :	Not Reported	Township:	17
Township d:	S	Range :	20
Range dire:	E	Section:	7
Subdivisio:	SW	Subdivis 1:	Not Reported
Subdivis 2:	Not Reported	Subdivis 3:	Not Reported
Spot:	Not Reported	Feet north:	0
Feet east :	0	Reference :	Not Reported
Rotary tot:	0	Status :	Oil well
Spud date:	30-DEC-99	Permit dat:	17-DEC-68
Completion:	30-DEC-99	Api number:	15-059-20075
Plug date:	30-DEC-99		
Elevation :	0		
Elevation1:	0		
Elevatio 1:	0		
Producing :	Not Reported		
Nad27 lati:	38.5829986		
Nad27 long:	-95.2442074		
Nad83 lati:	38.5830109		
Nad83 long:	-95.2444584		
Completi 1:	Not Reported	Site id:	KSOG90000334873

4
North
1/2 - 1 Mile

		OIL_GAS	KSOG90000336774
Kid:	1006736681		
State code:	15	County cod:	59
Api well n:	70976	Api workov:	Not Reported
Field name:	Not Reported		
Field kid:	0		
Lease name:	MCCREA	Well name:	1
Well class:	Plugged and Abandoned		
Operator n:	JAMES R. MCCREA		
Operator k:	0		
Principal :	6	Township:	17

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Township d:	S	Range :	19
Range dire:	E	Section:	12
Subdivisio:	NE	Subdivis 1:	NW
Subdivis 2:	SE	Subdivis 3:	Not Reported
Spot:	Not Reported	Feet north:	0
Feet east :	0	Reference :	Not Reported
Rotary tot:	701	Status :	GAS-P&A
Spud date:	30-DEC-99	Permit dat:	30-DEC-99
Completion:	30-DEC-99	Api number:	15-059-70976
Plug date:	01-FEB-65		
Elevation :	0		
Elevation1:	0		
Elevatio 1:	0		
Producing :	Not Reported		
Nad27 lati:	38.591128		
Nad27 long:	-95.2549011		
Nad83 lati:	38.59114		
Nad83 long:	-95.2551523		
Completi 1:	Not Reported	Site id:	KSOG90000336774

5		OIL_GAS	
SW			KSOG90000331152
1/2 - 1 Mile			
Kid:	1028179382		
State code:	15	County cod:	59
Api well n:	19177	Api workov:	Not Reported
Field name:	Not Reported		
Field kid:	0		
Lease name:	BUILDEX INC	Well name:	1
Well class:	Plugged and Abandoned		
Operator n:	BEN C. W. HYDE, JR.		
Operator k:	0		
Principal :	6	Township:	17
Township d:	S	Range :	19
Range dire:	E	Section:	14
Subdivisio:	SE	Subdivis 1:	SE
Subdivis 2:	N2	Subdivis 3:	Not Reported
Spot:	Not Reported	Feet north:	0
Feet east :	0	Reference :	Not Reported
Rotary tot:	1001	Status :	D&A
Spud date:	30-DEC-99	Permit dat:	29-JUL-58
Completion:	04-AUG-58	Api number:	15-059-19177
Plug date:	05-AUG-58		
Elevation :	0		
Elevation1:	0		
Elevatio 1:	0		
Producing :	Not Reported		
Nad27 lati:	38.5674935		
Nad27 long:	-95.2699091		
Nad83 lati:	38.5675062		
Nad83 long:	-95.2701608		
Completi 1:	1958	Site id:	KSOG90000331152

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

RADON

AREA RADON INFORMATION

State Database: KS Radon

Radon Test Results

Zipcode	Avg Radon	Max Radon	Num Tests
66067	3.5	24.3	86

Federal EPA Radon Zone for FRANKLIN 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: 66067

Number of sites tested: 9

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.733 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.922 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

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

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 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.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

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 ICAA 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 States Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Franklin County Industrial Park ESA

Southwest of Labette Road and Montana Road
Ottawa, KS 66067

Inquiry Number: 4138723.3

November 19, 2014

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

11/19/14

Site Name:

Franklin County Industrial Park
Southwest of Labette Road and
Ottawa, KS 66067

EDR Inquiry # 4138723.3

Client Name:

Blackstone Environmental Inc
1607 SW 41st St
Topeka, KS 66609-0000

Contact: Anne Melia



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Blackstone Environmental Inc were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: Franklin County Industrial Park ESA
Address: Southwest of Labette Road and Montana Road
City, State, Zip: Ottawa, KS 66067
Cross Street:
P.O. # 1443
Project: Franklin CO Industrial Park
Certification # 7818-4DAB-97D3



Sanborn® Library search results
Certification # 7818-4DAB-97D3

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

The Sanborn Library LLC Since 1866™

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Franklin County Industrial Park ESA

Southwest of Labette Road and Montana Road
Ottawa, KS 66067

Inquiry Number: 4138723.4

November 19, 2014

EDR Historical Topographic Map Report



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

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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

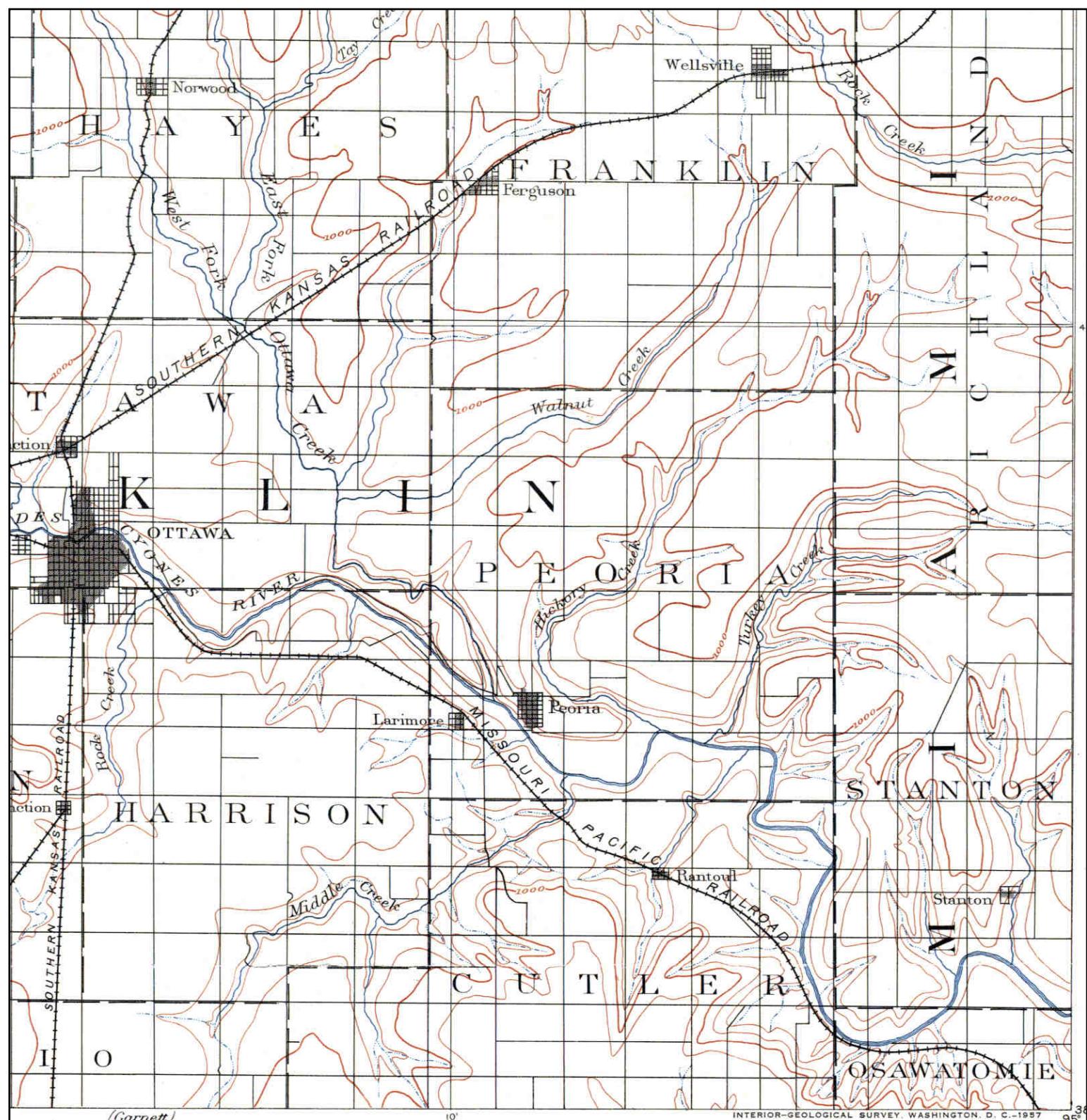
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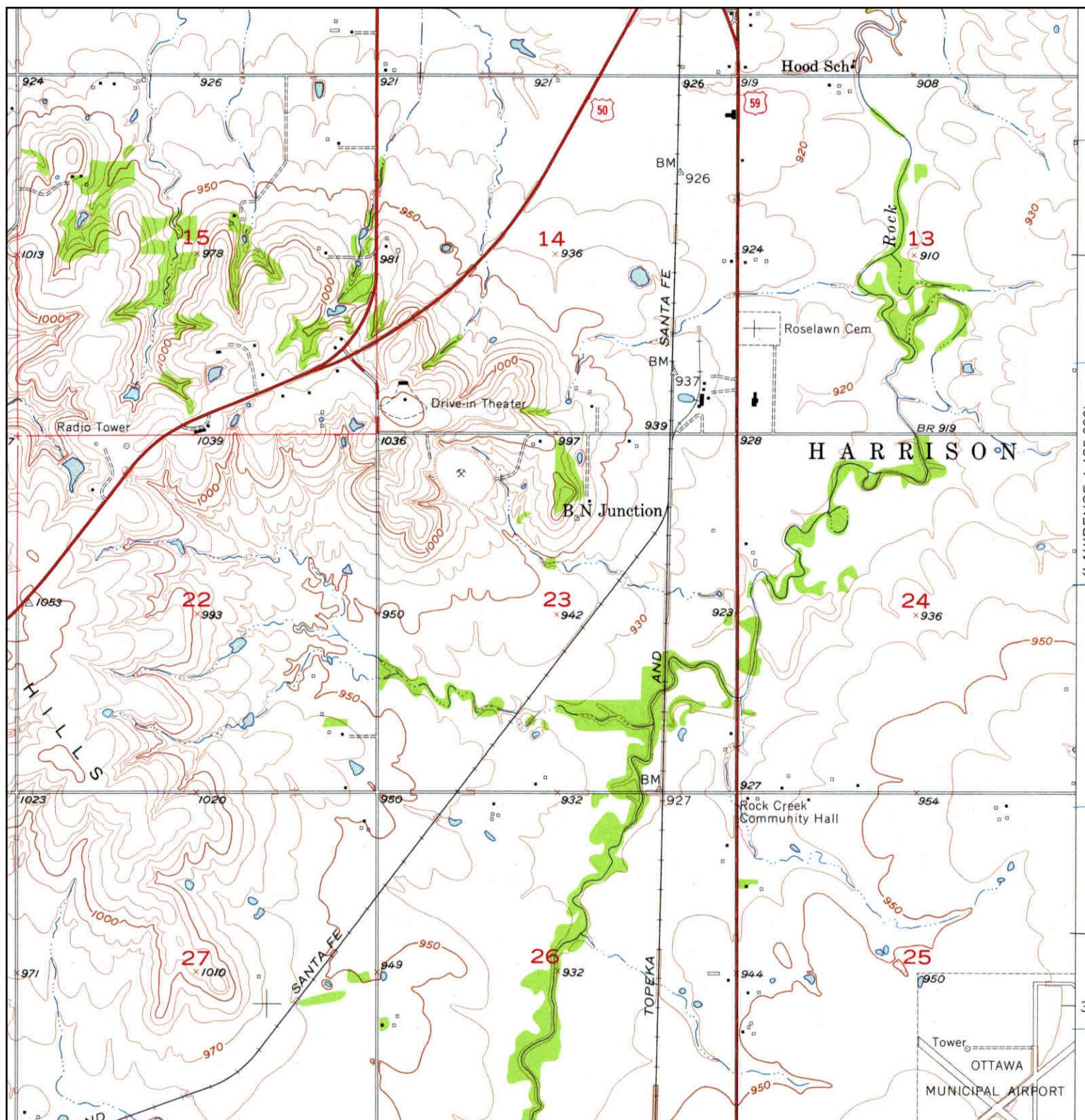
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Historical Topographic Map



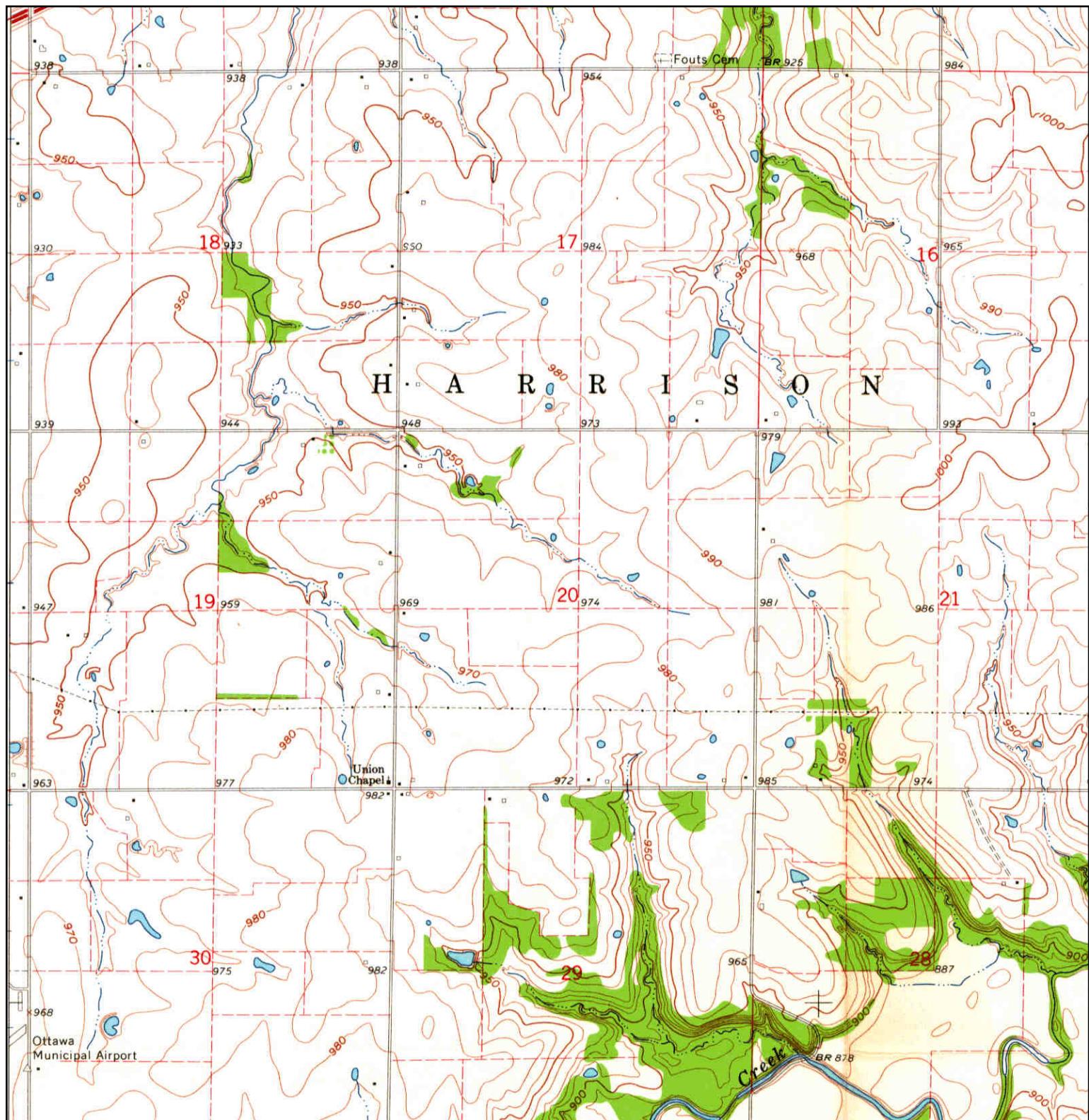
 TARGET QUAD NAME: LAWRENCE MAP YEAR: 1885 SERIES: 30 SCALE: 1:125000	SITE NAME: Franklin County Industrial Park ESA ADDRESS: Southwest of Labette Road and Montana Road LAT/LONG: 38.5779 / -95.2583	CLIENT: Blackstone Environmental Inc CONTACT: Anne Melia INQUIRY#: 4138723.4 RESEARCH DATE: 11/19/2014

Historical Topographic Map



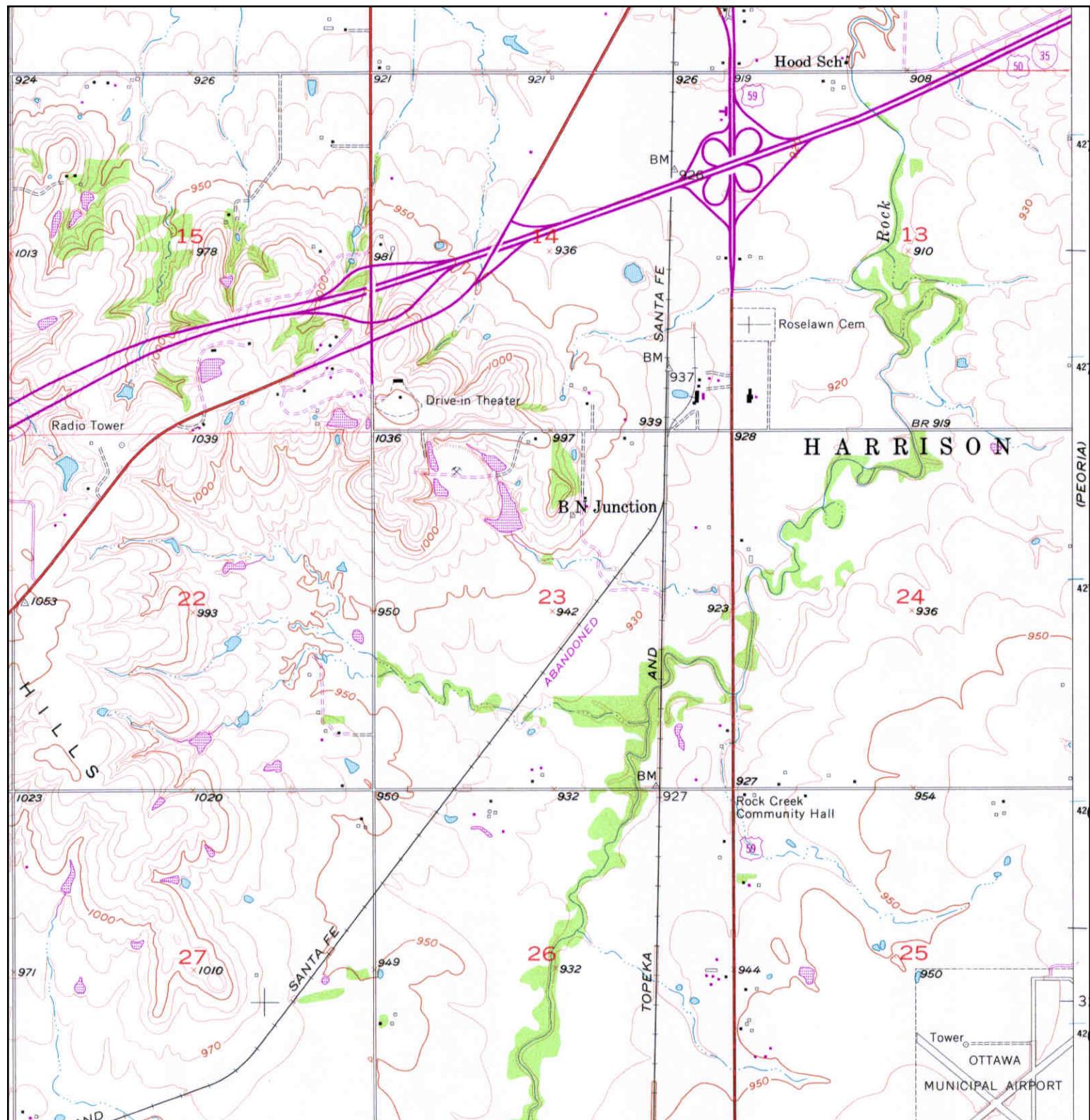
<p>N</p>	<p>TARGET QUAD NAME: OTTAWA SOUTH MAP YEAR: 1956 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Franklin County Industrial Park ESA ADDRESS: Southwest of Labette Road and Montana Road LAT/LONG: 38.5779 / -95.2583</p>	<p>CLIENT: Blackstone Environmental Inc CONTACT: Anne Melia INQUIRY#: 4138723.4 RESEARCH DATE: 11/19/2014</p>
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Historical Topographic Map



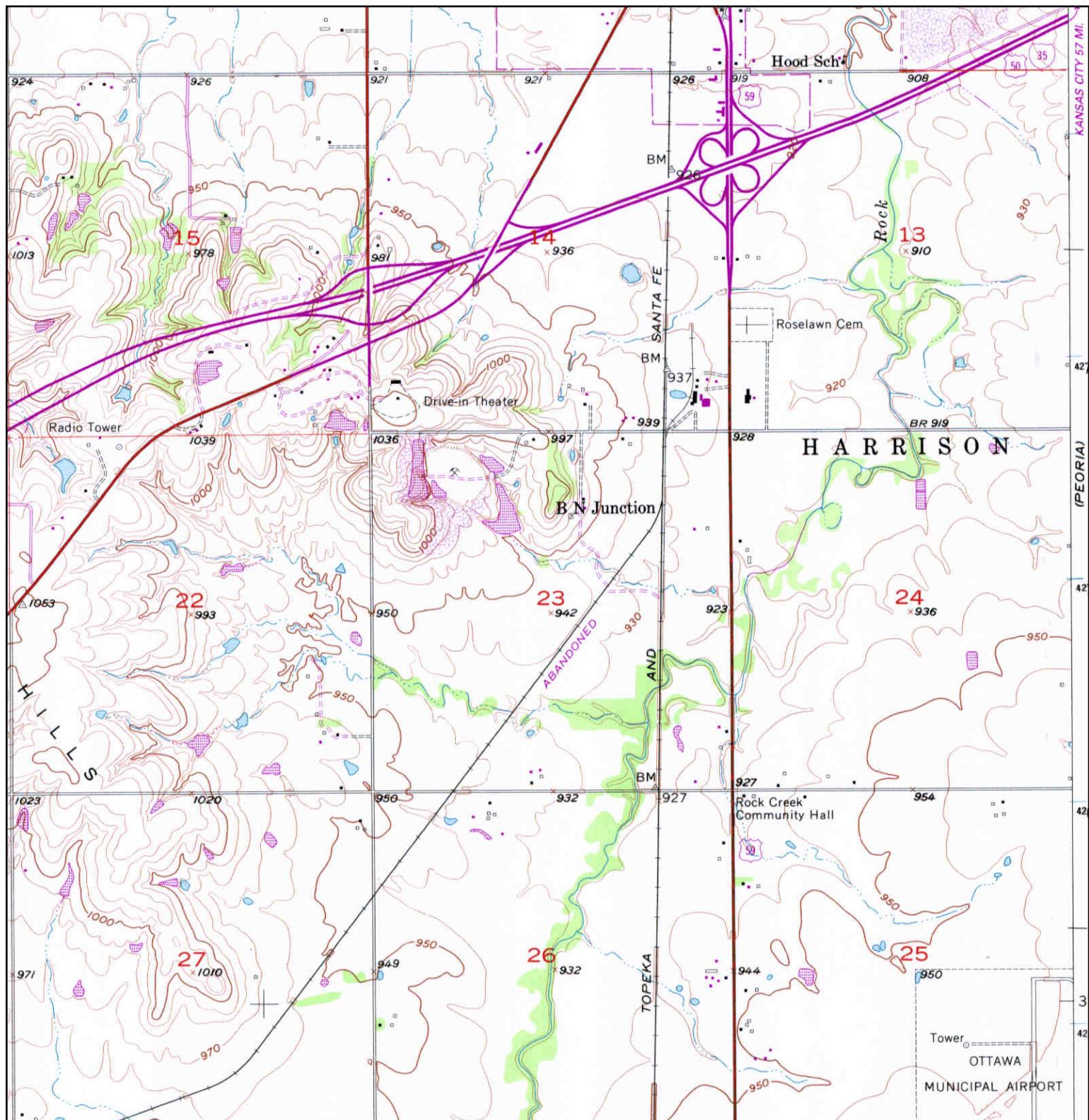
<p>N</p>	<p>TARGET QUAD NAME: PEORIA MAP YEAR: 1962 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Franklin County Industrial Park ESA ADDRESS: Southwest of Labette Road and Montana Road LAT/LONG: 38.5779 / -95.2583</p>	<p>CLIENT: Blackstone Environmental Inc CONTACT: Anne Melia INQUIRY#: 4138723.4 RESEARCH DATE: 11/19/2014</p>
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Historical Topographic Map



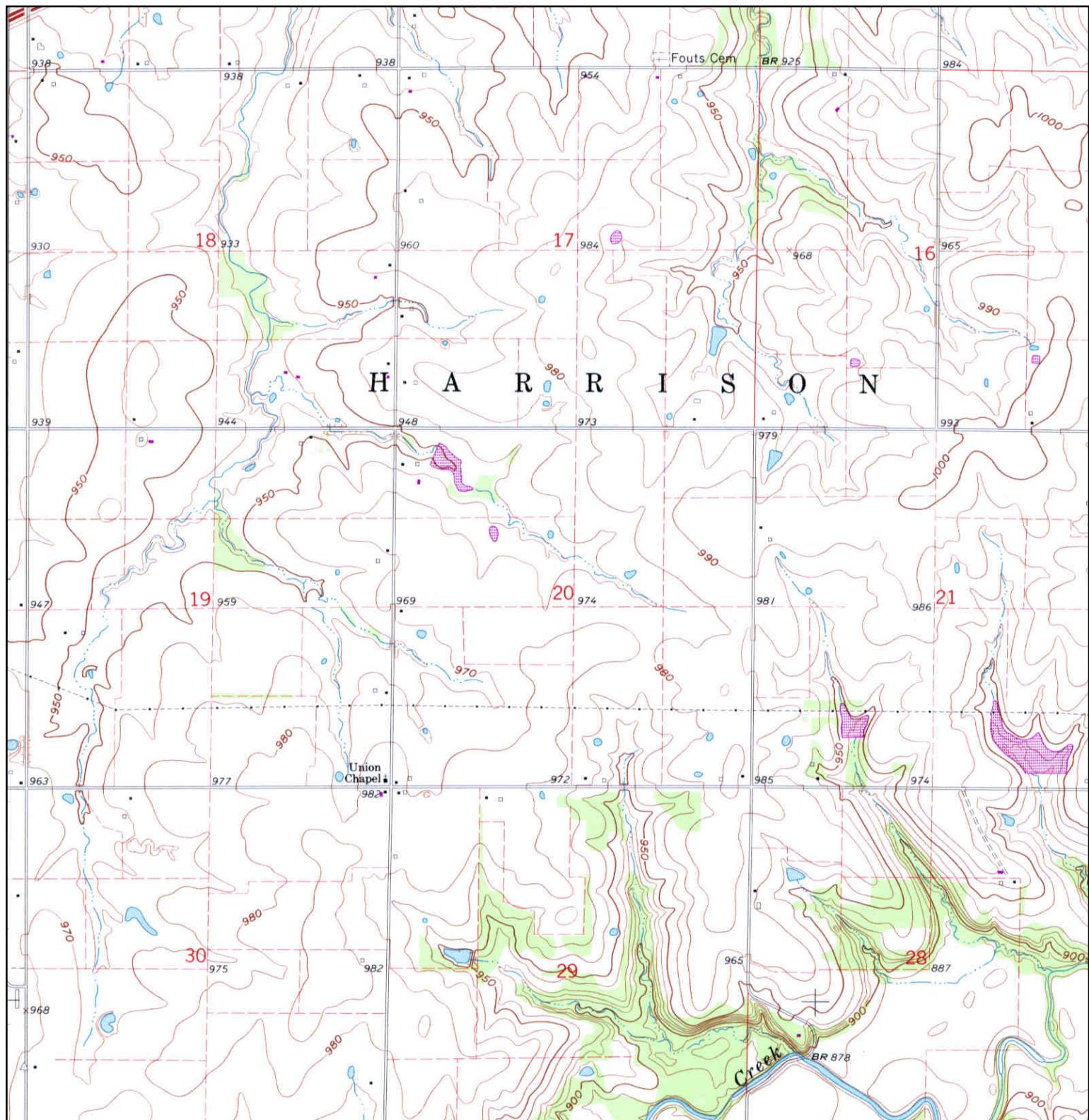
<p>N</p>	<p>TARGET QUAD NAME: OTTAWA SOUTH MAP YEAR: 1973 PHOTOREVISED FROM : 1956 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Franklin County Industrial Park ESA ADDRESS: Southwest of Labette Road and Montana Road LAT/LONG: 38.5779 / -95.2583</p>	<p>CLIENT: Blackstone Environmental Inc CONTACT: Anne Melia INQUIRY#: 4138723.4 RESEARCH DATE: 11/19/2014</p>
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Historical Topographic Map



<p>N</p>	<p>TARGET QUAD NAME: OTTAWA SOUTH MAP YEAR: 1983 PHOTOREVISED FROM : 1956 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Franklin County Industrial Park ESA ADDRESS: Southwest of Labette Road and Montana Road OTTAWA, KS 66067 LAT/LONG: 38.5779 / -95.2583</p>	<p>CLIENT: Blackstone Environmental Inc CONTACT: Anne Melia INQUIRY#: 4138723.4 RESEARCH DATE: 11/19/2014</p>
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Historical Topographic Map



<p>N</p> <p>TARGET QUAD NAME: PEORIA MAP YEAR: 1983 PHOTOREVISED FROM : 1962 SERIES: 7.5 SCALE: 1:24000</p>	<p>SITE NAME: Franklin County Industrial Park ESA ADDRESS: Southwest of Labette Road and Montana Road LAT/LONG: 38.5779 / -95.2583</p>	<p>CLIENT: Blackstone Environmental Inc CONTACT: Anne Melia INQUIRY#: 4138723.4 RESEARCH DATE: 11/19/2014</p>
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Franklin County Industrial Park ESA

Southwest of Labette Road and Montana Road
Ottawa, KS 66067

Inquiry Number: 4138723.9

November 25, 2014

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography November 25, 2014

Target Property:Southwest of Labette Road and Montana Road
Ottawa, KS 66067

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
1956	Aerial Photograph. Scale: 1"=500'	Flight Date: July 04, 1956	EDR
1969	Aerial Photograph. Scale: 1"=500'	Flight Date: October 02, 1969	EDR
1985	Aerial Photograph. Scale: 1"=500'	Flight Date: July 05, 1985	EDR
1991	Aerial Photograph. Scale: 1"=500'	Flight Date: October 16, 1991	EDR
1996	Aerial Photograph. Scale: 1"=750'	Flight Date: March 10, 1996	EDR
2002	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: February 16, 2002	USGS/DOQQ
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	USDA/NAIP
2006	Aerial Photograph. Scale: 1"=500'	Flight Year: 2006	USDA/NAIP
2008	Aerial Photograph. Scale: 1"=500'	Flight Year: 2008	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP



INQUIRY #: 4138723.9

YEAR: 1956

— = 500'





INQUIRY #: 4138723.9

YEAR: 1969

— = 500'





INQUIRY #: 4138723.9

YEAR: 1985

— = 500'





INQUIRY #: 4138723.9

YEAR: 1991

— = 500'





INQUIRY #: 4138723.9

YEAR: 1996

— = 750'





INQUIRY #: 4138723.9

YEAR: 2002

 = 500'





INQUIRY #: 4138723.9

YEAR: 2005

— = 500'





INQUIRY #: 4138723.9

YEAR: 2006

— = 500'





INQUIRY #: 4138723.9

YEAR: 2008

— = 500'





INQUIRY #: 4138723.9

YEAR: 2010

— = 500'





INQUIRY #: 4138723.9

YEAR: 2012

— = 500'



Franklin County Industrial Park ESA

Southwest of Labette Road and Montana Road
Ottawa, KS 66067

Inquiry Number: 4138723.5
November 20, 2014

The EDR-City Directory Image Report

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City Directory Images

Thank you for your business.

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

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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.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2013	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2008	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
2003	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1999	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1992	<input type="checkbox"/>	<input type="checkbox"/>	Cole Information Services
1989	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1984	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1979	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1974	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1969	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1964	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory

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FINDINGS

TARGET PROPERTY STREET

Southwest of Labette Road and Montana Road
Ottawa, KS 66067

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
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LABETTE RD

2013	pg A1	Cole Information Services
2008	pg A4	Cole Information Services
2003	pg A7	Cole Information Services
1999	pg A10	Cole Information Services
1995	pg A13	Cole Information Services
1992	-	Cole Information Services
1989	-	Polk's City Directory
1984	-	Polk's City Directory
1979	-	Polk's City Directory
1974	-	Polk's City Directory
1969	-	Polk's City Directory
1964	-	Polk's City Directory

MONTANA RD

2013	pg A3	Cole Information Services
2008	pg A6	Cole Information Services
2003	pg A9	Cole Information Services
1999	pg A12	Cole Information Services
1995	pg A14	Cole Information Services
1992	-	Cole Information Services
1989	-	Polk's City Directory
1984	-	Polk's City Directory
1979	-	Polk's City Directory
1974	-	Polk's City Directory
1969	-	Polk's City Directory
1964	-	Polk's City Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

LABETTE RD 2013

1104	GREENWOOD BAPTIST CHURCH
1131	MATT SLANKARD
1228	ERIC GUNTHER
1245	ORVILLE FLAGER
1318	RALPH RALEIGH
1326	CARL MIBECK
1358	OCCUPANT UNKNOWN
1364	OCCUPANT UNKNOWN
1375	GRANVIL CHISAM
1380	JOHN BIRZER
1395	CHARLES TOUMBERLIN
1396	GREG THYR
1399	ROBERT LEACH
1402	MICHAEL RITZEL
1425	MELISSA PAXTON
1448	ANDREW LYE
1455	RANDALL HUGGARD
1480	NATALIE RANDOLPH
1533	RONALD SMITH
1562	TYLER HARMON
1575	TERESA MILLER
1587	JONATHAN PEFFLY
1652	JIM GILLILAND
1653	GEFF LUTTRELL
1654	JOE ADAMSON
1658	ANDREW BLANCHARD
1660	CHARITY BURK
1668	JEFF GOAD
1671	RICKY CONNER
1681	OCCUPANT UNKNOWN
1695	OCCUPANT UNKNOWN
1698	ROBERT KUNARD
1706	SCOTT CALEB
1715	DAVID CROOKS
1736	OCCUPANT UNKNOWN
1743	MARY GAST
1744	JOE ROGERS
1754	RHETT JAMISON
1758	PHILLIP ALTENDORF
1763	GERRY BROMERT
1777	JASON GEBRER
1800	DAVID ARNOLD
1802	DANA ARNOLD
1807	JACK MILLER
1836	OCCUPANT UNKNOWN
2130	OCCUPANT UNKNOWN
2140	OCCUPANT UNKNOWN
2154	RICHARD DAUGHARTH
2176	EDWARD WHEATON
2204	ROBERT DUNLAP

LABETTE RD 2013 (Cont'd)

2205 BUCK WATTS
2207 OCCUPANT UNKNOWN
2216 OCCUPANT UNKNOWN
2228 STEVEN DRYDEN
2238 MARK HENDRICKS
2320 OCCUPANT UNKNOWN
2326 DAVID MEREDITH
2344 OCCUPANT UNKNOWN
2354 LESABETH GOODELL
2404 OCCUPANT UNKNOWN
2410 KERI HEISE
2420 BRIAN JANSSEN
2446 RANDY BROWNTRIGG
2450 OCCUPANT UNKNOWN
2454 TONY KEIM
2908 RICHARD YBARRA
2941 OCCUPANT UNKNOWN
2961 JARROD TITUS
3011 DONALD HAY
3050 ALEXANDER ZAJAC
3084 BILL BALLINGER
3204 JEFF WINKLER
3244 RICHARD CRUCES
3288 STEVE WILLIAMSON
3342 JOHN CHARLES
3366 DAVID ROSSMAN

MONTANA RD 2013

1891	RAYMOND SHUMATE
1931	OCCUPANT UNKNOWN
1977	FRED FEHRENBACH
2110	DODSON AVIATION INC
2178	LEMASTER AVIATION INC
2190	CITY OF OTTAWA
2387	OWEN FRAKES
2400	OCCUPANT UNKNOWN
2434	ALICE STEWARD
2542	OCCUPANT UNKNOWN
2660	DICK TICE
2715	OCCUPANT UNKNOWN
2749	COMMUNITY REVIVAL CENTER CHURCH
2753	MARLENE OGLESBY
2789	BRENT WRIGHT
3728	OCCUPANT UNKNOWN
3800	OCCUPANT UNKNOWN
3994	OCCUPANT UNKNOWN
4037	OCCUPANT UNKNOWN
4049	GARY WHEELER
4057	CARL ELDER
4069	OCCUPANT UNKNOWN
4097	RAY HULTZ
4099	VIRGIL NICHOLS
4101	MATTHEW PRATT
4147	DAVID MACKLER
4253	STEPHEN HULL
4300	OCCUPANT UNKNOWN
4483	OCCUPANT UNKNOWN
4657	OCCUPANT UNKNOWN
4667	AMANDA QUATTLEBAUM
4728	FRED MADER
4796	WILLIE COWLEY

LABETTE RD 2008

1131	MATT SLANKARD
1228	ERIC GUNTHER
1245	ORVILLE FLAGER
1318	RALPH RALEIGH
1326	CARL MIBECK
1338	JESSICA CAMPBELL
1364	JANE SLANKARD
1375	OCCUPANT UNKNOWN
1380	JOHN BIRZER
1395	CHARLES TOUMBERLIN
1396	GREG THYR
1399	OCCUPANT UNKNOWN
1402	MICHAEL RITZEL
1413	OWEN PAXTON
1422	ANDREW LYE
1431	RANDALL HUGGARD
1446	AL HUGGARD
1533	RONALD SMITH
1562	JONATHAN DEPRIEST
1575	TERESA MILLER
1587	JONATHAN PEFFLY
1592	OCCUPANT UNKNOWN
1603	OCCUPANT UNKNOWN
1604	OCCUPANT UNKNOWN
1608	DANIELLE BLANCHARD
1610	OCCUPANT UNKNOWN
1618	MUHL FAMILY HOMES INC
1626	MIKEAL KRAFT
1645	PATRICK STUKEY
1706	JOE MALIN
1715	DAVID CROOKS
1736	LESLIE HOYT
1743	LAWRENCE GAST
1744	JABEZ SALON & SPA CO
	JOE ROGERS
1754	RHETT JAMISON
1758	PHILLIP ALTENDORF
1763	EUGENE BROMERT
1777	OCCUPANT UNKNOWN
1800	DAVID ARNOLD
1802	DANA FRITTS
1807	JACK MILLER
	KENDRA SHEPHERD
2130	SCOTT MATNEY
2142	DUANE DOUGLAS
2154	RICHARD DAUGHARTHY
2176	EDWARD WHEATON
2204	ROBERT DUNLAP
2205	PAT CAMPBELL
2207	DWAYNE WILKINS

LABETTE RD 2008 (Cont'd)

2216 CHERYL BERTON
2228 STEVEN DRYDEN
2238 HENDRICKS TRUCKING
 MARK HENDRICKS
2320 DAVID KNIGHT
2326 DAVID MEREDITH
2354 LESABETH GOODELL
2404 OCCUPANT UNKNOWN
2410 KERI HEISE
2420 BRIAN JANSSEN
2446 RANDY BROWNRIGG
2450 TED MCCURDY
2454 TONY KEIM
2908 RICHARD YBARRA
2941 MARK FLANNER
2961 JARROD TITUS
3011 DONALD HAY
3050 LYNN HOWARD
3084 BILL BALLINGER
3204 JEFF WINKLER
3244 NEVA CESSNUN
3288 STEVE WILLIAMSON
3342 TREVOR JOHNSON
3366 DAVID ROSSMAN

MONTANA RD 2008

1891 HARRISON FIRE DEPARTMENT
RAYMOND SHUMATE
1931 OCCUPANT UNKNOWN
1977 FEHRENBACH FARMS
FRED FEHRENBACH
2110 DODSON INTERNATIONAL PARTS
2149 KANSAS STATE UNIVERSITY
2178 LEMASTER AVIATION INC
2387 OWEN FRAKES
OWEN FRAKES
2400 OCCUPANT UNKNOWN
2434 ROBERT STEWARD
2542 KIMBERLY BEERY
2597 RICHARD MORROW
2660 DICK TICE
2715 WAYNE LEATHERBERRY
2749 COMMUNITY REVIVAL CENTER CHURCH
HELPS MINISTRY FELLOWSHIP INTL
OTTAWA CHRISTIAN ACADEMY
2753 MARLENE OGLESBY
2789 BRENT WRIGHT
BRENT WRIGHT QUARTER HORSES
3728 OCCUPANT UNKNOWN
3800 OCCUPANT UNKNOWN
3994 OCCUPANT UNKNOWN
4037 GLENN JACKSON
4049 GARY WHEELER
4057 CARL ELDER
4069 CARROL DRODDY
4097 RAY HULTZ
4099 VIRGIL NICHOLS
4101 HAROLD PRATT
4147 C BITTNER
4269 BETTY EWBANK
4483 SCOTT HAY
4657 LEE ZILLHART
4667 CHAD BLOOMER
4728 FRED MADER
4796 MAX COWLEY

LABETTE RD 2003

1131 OCCUPANT UNKNOWN
1228 ERIC GUENTHER
1245 ORVILLE FLAGER
1267 ELLISON GORDON
 GORDON ELLISON
1318 RALPH RALEIGH
1338 OCCUPANT UNKNOWN
1364 J SLANKARD
1375 GRANVIL CHISAM
1380 JOHN BIRZER
1395 CHARLES MASON
1396 OCCUPANT UNKNOWN
1399 ROBERT LEACH
1402 OCCUPANT UNKNOWN
1422 ANDREW LYE
1431 RANDALL HUGGARD
1446 AL HUGGARD
1533 SHARON BUEHLER
1562 CHRISTOPHER COWAN
1575 TERESA MILLER
1587 JONATHAN PEFFLY
1592 JIM GILLILAND
1603 OCCUPANT UNKNOWN
1604 ETHEL BLANCHARD
1608 RICK JONES
1610 DIANA FOWLER
1618 OCCUPANT UNKNOWN
1626 MIKEAL KRAFT
1645 PATRICK STUKEY
1706 JARED MALIN
1715 DAVID CROOKS
1743 LAWRENCE GAST
1744 JABEZ SALON & SPA CO
 JOE ROGERS
 NAILS AT YOUR SERVICE
1754 WINDY JAMISON
1758 PHILLIP ALTENDORF
1763 EUGENE BROMERT
1777 KARI JONES
1800 DAVID ARNOLD
1802 DANA FRITTS
1807 BETTY JONES
2130 SCOTT MATNEY
2142 DUANE DOUGLAS
2154 RICHARD DAUGHARTHY
2176 EDWARD WHEATON
2204 ROBERT DUNLAP
2205 PAT CAMPBELL
2207 DWAYNE WILKINS
2216 JOHN BERTON

LABETTE RD 2003 (Cont'd)

2228 ROBERT MORRIS
2238 MARK HENDRICKS
2320 BILL KITTERMAN
2326 OCCUPANT UNKNOWN
2354 JASON STAHL
 LESABETH GOODELL
 STEVE DONAHOO
2410 RONN HEISE
2420 CAROLE VRBAS
2446 RANDY BROWNREIGG
2450 OCCUPANT UNKNOWN
2454 TONY KEIM
2908 LORI VANDRIS
2941 MARK FLANNER
2961 KENDRA KIMBROUGH
3011 DONALD HAY
3050 LYNN HOWARD
3204 JEFF WINKLER
3244 RICHARD CRUCES
3288 STEVE WILLIAMSON
3342 TREVOR JOHNSON
3366 DAVID ROSSMAN

MONTANA RD 2003

1891 RAYMOND SHUMATE
1977 FEHRENBACH FARMS
FRED FEHRENBACH
2110 DODSON AVIATION INC
2178 OTTAWA MUNICIPAL AIRPORT
TONY LEMASTER
2190 CHUCKS AVTN & AUTO UPHLSTRY
OCCUPANT UNKNOWN
OTTAWA CITY OF PBLC WORKS DEPT
2387 OWEN FRAKES
OWEN FRAKES
2400 OCCUPANT UNKNOWN
2434 ROBERT STEWARD
2542 RAYMOND CRAWFORD
2597 OCCUPANT UNKNOWN
2660 DICK TICE
2715 OCCUPANT UNKNOWN
2749 COMMUNITY REVIVAL CTR
HELPS MINISTRY FLWSHP INTRNTNL
MARLENE OGLESBY
OTTAWA CHRISTIAN ACADEMY
2753 OCCUPANT UNKNOWN
2789 BRENT WRIGHT
BRENT WRIGHT QUARTER HORSES
3728 TONY BERRY
3800 KENNETH EDWARDS
KENNETH EDWARDS
3994 OCCUPANT UNKNOWN
4037 GLENN JACKSON
4049 RYAN POE
4057 CARL ELDER
4069 CARROL DRODDY
4097 OCCUPANT UNKNOWN
4099 JOHN PEIMANN
4101 HAROLD PRATT
4269 BETTY EW BANK
4483 DELANA HAY
4667 OCCUPANT UNKNOWN
4728 FRED MADER

LABETTE RD 1999

1131	MATT SLANKARD
1228	ERIC GUNTHER
1245	ORVILLE FLAGER
1318	RALPH RALEIGH
1326	CARL MIBECK
1338	JESSICA CAMPBELL
1364	JANE SLANKARD
1375	OCCUPANT UNKNOWN
1380	JOHN BIRZER
1395	CHARLES TOUMBERLIN
1396	GREG THYR
1399	ROBERT LEACH
1402	MICHAEL RITZEL
1413	OWEN PAXTON
1422	OCCUPANT UNKNOWN
1446	AL HUGGARD
1533	RONALD SMITH
1562	JONATHAN DEPRIEST
1575	TERESA MILLER
1587	JONATHAN PEFFLY
1592	JIM GILLILAND
1603	GEFF LUTTRELL
1604	TANYA ADAMSON
1608	DANIELLE BLANCHARD
1610	OCCUPANT UNKNOWN
1618	OCCUPANT UNKNOWN
1626	MIKEAL KRAFT
1645	DENNIS GARNER
1706	JOE MALIN
1715	DAVID CROOKS
1736	RANDY MITCHELL
1743	LAWRENCE GAST
1744	JOE ROGERS
1754	RHETT JAMISON
1758	PHILLIP ALTENDORF
1763	EUGENE BROMERT
1777	JASON GEBRER
1800	DAVID ARNOLD
1802	DANA ARNOLD
1807	JACK MILLER
1836	BUCK WATTS
2130	SCOTT MATNEY
2142	DUANE DOUGLAS
	MILLARD VINCE E
2154	RICHARD DAUGHARTHY
2176	EDWARD WHEATON
2204	ROBERT DUNLAP
2205	PAT CAMPBELL
2207	DWAYNE WILKINS
2216	CHERYL BERTON

LABETTE RD 1999 (Cont'd)

2228 STEVEN DRYDEN
2238 MARK HENDRICKS
2320 MICHAEL MCCLELLAN
2326 DAVID MEREDITH
2344 GERTRUDE TURNER
2354 LESABETH GOODELL
STEVE DONAHOO
2404 OCCUPANT UNKNOWN
2410 KERI HEISE
2420 BRIAN JANSSEN
2446 RANDY BROWNRIGG
2450 OCCUPANT UNKNOWN
2454 TONY KEIM
2908 RICHARD YBARRA
2941 MARK FLANNER
2961 JARROD TITUS
3011 DONALD HAY
3050 LYNN LINAS
3084 BILL BALLINGER
3204 JEFF WINKLER
3244 RICHARD CRUCES
3288 STEVE WILLIAMSON
3342 TREVOR JOHNSON
3366 DAVID ROSSMAN

MONTANA RD 1999

1891	RAYMOND SHUMATE
1931	JAMES MCDERMOTT
1977	FRED FEHRENBACH
2110	DODSON AVIATION INCORPORATED
2190	OTTAWA CITY OF PUBLIC WORKS DEPARTMENT
2387	OWEN FRAKES
2400	OCCUPANT UNKNOWN
2434	ROBERT STEWARD
2542	OCCUPANT UNKNOWN
2597	RICHARD MORROW
2660	DICK TICE
2715	WAYNE LEATHERBERRY
2749	COMMUNITY REVIVAL CENTER CHURCH COMMUNITY REVIVAL CENTERCHURCH OTTAWA CHRISTIAN ACADEMY
2753	MARLENE OGLESBY
2789	BRENT WRIGHT
3728	OCCUPANT UNKNOWN
3800	OCCUPANT UNKNOWN
3994	OCCUPANT UNKNOWN
4037	GLENN JACKSON
4049	GARY WHEELER
4057	CARL ELDER
4069	CARROL DRODDY
4097	RAY HULTZ
4099	VIRGIL NICHOLS
4101	HAROLD PRATT
4147	JESSICA MACKLER
4269	BETTY EWBANK
4300	HARRIS WELDING COMPANY
4483	OCCUPANT UNKNOWN
4657	OCCUPANT UNKNOWN
4667	OCCUPANT UNKNOWN
4728	FRED MADER
4796	RENAE COWLEY

LABETTE RD 1995

8 KITTERMAN, J A
1533 OCCUPANT UNKNOWN
1575 MILLER, T D
1587 PEFFLY, JON L
1626 KRAFT, JACQUE
1706 MALIN, JARED
1715 CROOKS, DAVID A
1736 GROSSMAN, GEORGE
1744 ROGERS, JOE W JR
1758 OCCUPANT UNKNOWN
1763 ANRIG ENGINEERING
ANRIG, ROBERT M
1800 ARNOLD, DAVID E
1802 BROCK, KIRK
1807 JONES, KELLY
1836 FURST, RICK
2142 MACE BULK TRANSPORT
MACE, WADE
2154 DAUGHARTH, RICHARD P
2204 DUNLAP, BOB
2205 CHASE, WARREN
2216 MACAULEY, JUDITY
2228 RINGWALD, KAREN
2238 HENDRICKS, MARK
2320 KITTERMAN, BILL
2344 TURNER, JAMES L
2354 OCCUPANT UNKNOWN
2420 GRAY, L
2430 MCCURDY, M
2446 BROWNRIGG, RANDY
2454 KEIM, BETH
2941 FLANNER, MARK D
2961 BOEGER, EDWARD L
3011 HAY, DONALD C
3018 OCCUPANT UNKNOWN
3050 SMITHEY, MARION
3084 BALLINGER, B G
3204 MURPHY, LARRY J
3208 WILLIAMSON, STEVE
3342 ANDERSON, JAY

MONTANA RD 1995

1891	SHUMATE, RAYMOND
1931	OCCUPANT UNKNOWNNN
1977	FEHRENBACH, FRED
2190	LE MASTER AERIAL SPRAYING INC
2387	FRAKES, OWEN
2400	OCCUPANT UNKNOWNNN
2438	JOHNSTON, J
2654	RICHARDSON, DAVID
2660	TICE, DICK
2715	ELLIS, GUY
2749	COMMUNITY REVIVAL CTR CHR
	OGLESBY, AFTON B
2753	OGLESBY, AFTON B
2789	WRIGHT, BRENT
3728	MORROW, TIM
3800	EDWARDS, KENNETH M
3994	CLARK, LYLE
4037	JACKSON, GLENN
4057	DRODDY, IMOGENE
4069	DRODDY, CARROL
4097	HULTZ, RAY C
4099	WHITACRE, ALAN L
4101	PRATT, HAROLD A JR
4147	OCCUPANT UNKNOWNNN
4253	OCCUPANT UNKNOWNNN
4269	EWBANKS, DONALD
4300	HARRIS WELDING CO
4618	BALDWIN, JAMES W

APPENDIX C

Photographic Log

Site: Franklin County Industrial Park
Photographed: November 21, 2014



Northern Edge of McFarland Property facing NW.



McFarland Property facing West.



McFarland Property facing SW.



McFarland Property facing South towards Tice Property.



Residence at 2908 Labette Road. Facing East from McFarland Property.



Intersection of Montana and Labette Roads. Facing North from property at 2908 Labette Road.

Site: Franklin County Industrial Park
Photographed: November 21, 2014



Tice Property, first residence facing West.



Tice Property, second residence facing West.



View of southern edge of Tice Property facing SW.



View across Montana Road from Tice, facing East.



View across Montana Road from Tice Property facing SE.



View from edge of Tice Property facing South.

Site: Franklin County Industrial Park
Photographed: November 21, 2014



View of treed area in central portion of Boucek Property, facing West.



View in treed area of Boucek Property, facing NE.



View of central portion of Boucek Property, facing North.



View of Boucek Property facing SW.



View from across Montana Road from LaGalle 79.9-acre Property of residence at 2597 Montana Road, facing SE.



View facing West from LaGalle 79.9-acre Property.



View across Montana Street from LaGalle 79.9-acre Property, facing SE.



Western part of LaGalle 79.9-acre Property with LaGalle 4.74-acre Property in distance, facing SW.



View of soil pile on LaGalle 4.74-acre Property, facing SE.



View of drainage ditch and inlet pipe on West side of Montana Street in central portion of LaGalle 79.9-acre Property.



Storage Shed on LaGalle 4.74-acre Property facing SW.



View of westside of LaGalle Storage Shed, facing SE.

Site: Franklin County Industrial Park
Photographed: November 21, 2014



View of some materials stored in Shed.



View of southside of Storage Shed, facing East.



View from LaGalle 4.74-acre Property, facing SW.



View of treed area on LaGalle 4.74-acre Property, facing NE. Backhoe is from tire removal activities completed on Patry Property.



View facing North from LaGalle Property.



View of groundwater well on LaGalle 4.74-acre property.



Location of buried tires on Patry Property, facing SW.



Near location of buried tires on Patry Property,



Patry Property facing North.



View from middle of Montana Road on east side Patry Property, facing SE.



Patry Property, facing West.



Montana and Kingman Roads with residences in the distance. View from SE corner of Patry Property, facing South.

Site: Franklin County Industrial Park
Photographed: November 21, 2014



View of SE corner of Patry Property along Kingman Road, facing West.



View from central portion of Patry Property along Kingman Road, facing West.



View of pond on Patry Property, facing NW. Previous location of outbuildings and buried tires near trees in background



Storm water drainage pipe along Kingman and Montana Roads, facing S.



View of Patry Property, facing NW.



View from northern part of Patry Property just west of pond, facing NW.



View of Patry Property, facing SW.



View from Patry Property, facing North.



View of northern edge of Patry Property, facing North.



View of western edge of Patry Property, facing West.



View of Property West of Patry Property, facing North.



View of bridge over Rock Creek on Kingman Road, west of Patry Property, facing West.

APPENDIX D

Interview Questionnaires and Supporting Materials

PHASE I ENVIRONMENTAL SITE ASSESSMENT USER QUESTIONNAIRE

This questionnaire has been developed for the User of the Phase I Environmental Site Assessment. The "User" is generally the party seeking to use the Phase I ESA pursuant to the Practice E 1527-13 (ASTM E 1527-13) and may include, without limitation, a prospective purchaser or prospective tenant of the property, an owner of the property, a lender, or a property manager.

The User must provide information, if available, to the environmental professional performing the Phase I ESA in the form of responses to the following questions to qualify for Landowner Liability Protections (LLPS) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001. Failure to provide this information, if available, could result in a determination that "all appropriate inquiry" is not complete.

Interviewees are requested to answer the following questions in good faith and to the best of their actual knowledge. The property for which the Phase I ESA is being performed may be referred to as the property or Site within this questionnaire.

Project Information

Site Name: Franklin County Industrial Park

Site Address: East half of Section 24, Township 17, Range 19, Franklin County, Kansas. West of Montana Road between I-35 and Kingman Road.

Interviewer: _____

Date of Interview (or date questionnaire completed by Interviewee): November 19, 2014

Interviewee Information

Interviewee: Richard U. Nienstedt

Title: City Manager

Company: City of Ottawa

Association to Site: Client

(Check those that apply)

Site Manager

Occupant

Government Official

Other (define) _____

QUESTIONS FOR THE USER (CLIENT)

Please write your answer indicating yes or no to the following questions, and provide additional detail for "yes" responses.

1) What is the reason why the Phase I ESA is required?

To ascertain the environmental condition of the property and increase marketability of the same.

2) What is the current and proposed future use of the property?

The property is currently used for agriculture. The proposed future use is as an industrial park.

3) Have you engaged a title company or professional to review recorded land title records and lien records? If yes, also describe the review and the results.

Yes. Haley Title of Ottawa, Kansas, has been engaged to review title and lien records. The review is currently ongoing and includes a review of all public records relating to the title and current or potential encumbrances on the title.

4) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

No.

5) Are you aware of any AULs, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

No.

6) As the *user* of this *ESA* 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?

No.

7) Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? 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*?

Yes.

8) Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as *user*,

(a.) Do you know the past uses of the *property*?

No more than what is disclosed above.

(b.) Do you know of specific chemicals that are present or once were present at the *property*?

No.

(c.) Do you know of spills or other chemical releases that have taken place at the *property*?

No.

(d.) Do you know of any environmental cleanups that have taken place at the *property*?

No.

9) As the *user* of this *ESA*, based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?

None that I am aware of.

PHASE I ENVIRONMENTAL SITE ASSESSMENT INTERVIEW QUESTIONNAIRE

This questionnaire has been developed to gain information regarding a property as part of performing a Phase I Environmental Site Assessment (Phase I ESA) in accordance with the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process (ASTM Standard Practice E1527-13).

Interviewees are requested to answer the following questions in good faith and to the best of their actual knowledge. The property for which the Phase I ESA is being performed may be referred to as the property or Site within this questionnaire.

Project Information *Franklin County Industrial Park*

Site Name: *2580*

Site Address: *2580 Montana Rd Ottawa, KS*

Interviewer: *Anne Melia*

Date of Interview (or date questionnaire completed by Interviewee): *November 20, 2014*

Interviewee Information

Interviewee: *Beth Wayne LaBelle*

Title: *Owners*

Company: *785-242-1795*

Association to Site:

(Check those that apply)

- Client/Owner
- Site Manager
- Occupant
- Government Official
- Other (define) _____

How long have you been associated with the Site (if applicable, also indicate the dates)?

15-20 yrs (number of months, years, etc.)

Questions

1) Has the property or adjoining property ever been used for (check those that apply):

none

<input type="checkbox"/> Industrial purposes	<input type="checkbox"/> Photograph laboratory
<input type="checkbox"/> Gas station	<input type="checkbox"/> Commercial printing facility
<input type="checkbox"/> Dry cleaners	<input type="checkbox"/> Automotive salvage yard
<input type="checkbox"/> Waste treatment facility	<input type="checkbox"/> Disposal facility
<input type="checkbox"/> Processing facility	<input type="checkbox"/> Recycling facility
<input type="checkbox"/> Motor repair facility	<input type="checkbox"/> Landfill/dump

If yes to any of the prior uses described above, please provide the following information. Prior land use, hazardous substances used, and dates:

small A cultivated B always been farmland
small property
small had a barn - rent to friend for storage
access to water - rural water meter

Please identify prior owners, site managers/operators, occupants and dates:

Jon farms it for them

For existing or prior structures on the property, please identify their purpose and the length of time the structures have, or may have existed:

Previous home place or larger
not for more 20 yrs
2oth home - small property also
had a house on it

2) Do any of the following documents exist for the Site or any portion of the Site? If so, can you provide a copy of the information to Blackstone Environmental, Inc.? none

- Environmental Site Assessment Reports
- Environmental Compliance Audits
- Environmental Permits
- Underground/Above ground Storage Tank Registration
- Underground Injection System Registration
- Material Safety Data Sheets (MSDS)
- Community Right-to Know Plan
- Emergency Response Plans
- Spill Prevention, Countermeasure and Control (SPCC) Plans
- Reports regarding hydrogeologic conditions on the property

- Governmental (local, State, Federal) correspondence/documents relating to past or current violations of environmental laws
- Hazard waste generator notices or reports
- Geotechnical studies
- Risk Assessments
- Recorded Activity and Use Limitations (AULs)
- Environmental liens

3) Do you have knowledge of the following items being used, stored, discarded, dumped, buried or burned on the property? *none*

Material	Quantity	Date(s) Observed	Comments
Above ground storage tank			(size, contents, condition)
Automotive/Industrial batteries			
Pesticides/Herbicides (> 5gallons)			
Paints (> 5 gallons)			
Chemicals/Hazardous substances			
Drums (typically 55-gallon)			(contents, condition)
Transformers or other equipment that may contain PCBs			
Underground storage tank			(size, contents, condition)
Unknown materials that may be suspected to be hazardous substances			(describe)

4) If hazardous wastes are generated and stored on the property, please describe the following:

N/A

Permits for handling, use, storage or disposal of hazardous waste:

Methods used to contain spills and to dispose of hazardous waste:

N/A

5) Have you observed evidence of or have knowledge of the following on the property? None

Material	Quantity	Date(s) Observed	Comments (location, details, etc.)
Equipment maintenance areas			
Accidental spills or releases of chemicals or petroleum products			
Asbestos containing materials			
Fill dirt from an unknown source or contaminated site			
Pits, ponds, or lagoons for waste treatment or disposal			
Stained soil or soil with odors			
Sumps or dry wells			
Vent or fill pipes, access/manholes at the ground surface or near structures			
Heating and cooling systems (include fuel source)			
Flooring, drains, walls that are stained or emitting a foul odor			

6) Please indicated the source of potable water supply for the property:

Public Water Supply (municipal, rural water district, other) *Small property has rural water*

Non-public water supply (e.g., mobile home park with < 10 users on a single well)

Private well *lager has well in grove of trees*

Other – describe *property*

No potable supply to property

Don't *Small rural water meter utility*

If the source is a private well, please describe the well including the uses made of water (domestic, irrigation, etc.), and provide information concerning the well construction, date

drilled, well depth, approximate discharge rate, and location (provide copies of well logs to Blackstone Environmental, Inc., if available):

If the well has been sampled for water quality or potential contaminants, and if so, can you provide copies of sampling documentation?

No

- Sampled and exceeded Drinking Water Standards
- Sampled but did not exceed Drinking Water Standards
- Not sampled

Has the well or water system ever been designated by any governmental environmental or health agency as contaminated?

Yes No

If yes, when and for what contaminants? _____

7) Please indicate how waste water has been disposed of at the property: *none*

- Sanitary sewer
- Storm sewer
- Septic System
- Other (e.g., dry well, cesspool, pit, etc.), describe _____
- No discharge

Please provide additional description of non-domestic waste water discharge:

none

8) Please describe how stormwater runoff is managed on the property. For example, are there ditches, drains, or other stormwater control features on the property.

If stormwater runoff from adjacent properties runs onto the Site, please describe the use of those adjacent properties and indicate the locations where runoff from the adjacent properties enters the Site.

9) Is there or has there been activities related to production of oil and gas on the property, including wells, tankage, etc.?

Yes No

If yes, please describe such activities and identify locations of petroleum production features including wells, piping, storage tanks, compressor/processing areas, drilling pits, etc.:

10) Do you have knowledge of the following actions relative to the property. Check the applicable boxes and explain those that apply:

No

- Environmental cleanup, on-going or pending
- Environmental liens
- Notice of violation of environmental laws, past or present
- Lawsuits or administrative proceedings relating to the release of a hazardous substance or petroleum in, on or from the property
- Prior environmental assessment that indicated the presence of hazardous substances, petroleum hydrocarbons, or other contaminants
- Deed restrictions
- Complaints regarding activities on the property

11) Has the property been used for agricultural purposes in the past?

Yes No

Please describe the type of agricultural use:

Crops

If the property has been used to grow crops, please identify the types of crops grown, where on the property, and include a description of cropping patterns and locations crops on the property:

Soybeans are currently grown on larger piece of property
3-acre property is only grass

12) Have pesticides (pesticides includes herbicides) been applied to fields or other portions of the Site? If so, please indicate what pesticides have been used (attach additional sheets if necessary):

Yes - agricultural use only

Pesticide/Brand Name	Date	Intended Use

If there has been storage and/or mixing of pesticides on site, please describe where and how pesticides were stored and where pesticide mixing areas were located:

No

Do you have knowledge of any notification of violation of environmental law with respect to application or storage of pesticides on the property?

Yes No

If yes, please describe the nature of the violation, pesticides involved, corrective actions and current status:

none

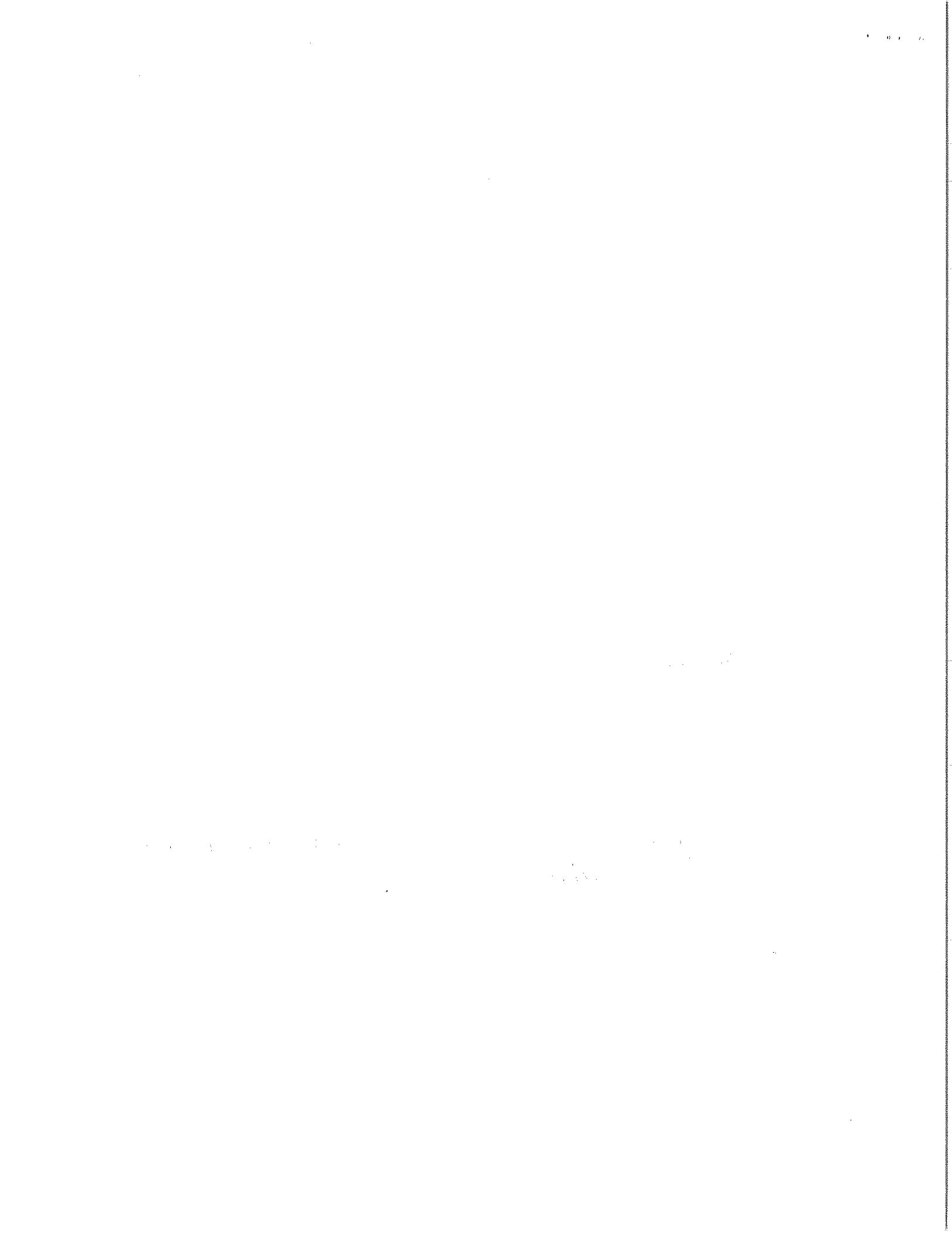
13) Have fertilizers been applied to the site? If yes, please indicate the type of fertilizers and application methods:

Yes No

Agricultural use only not sure of types + quantities

14) Are there any buried pipelines for irrigation or other purposes on the property? If yes, please describe the purpose of the piping, the location, and the material the piping is constructed of (steel, PVC, Transite or asbestos containing material).

No



PHASE I ENVIRONMENTAL SITE ASSESSMENT INTERVIEW QUESTIONNAIRE

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Interviewees are requested to answer the following questions in good faith and to the best of their actual knowledge. The property for which the Phase I ESA is being performed may be referred to as the property or Site within this questionnaire.

Project Information

Site Name: Franklin County Industrial Park

Site Address: 2620 Montana Road Ottawa, KS

Interviewer: Anne Melia

Date of Interview (or date questionnaire completed by Interviewee): 11/19/14

Interviewee Information

Interviewee: 8J Boucek

Title: Owner

Company: 913-839-0081

Association to Site:

(Check those that apply)

Client/Owner

Site Manager

Occupant

Government Official

Other (define) _____

Family has been associated

How long have you been associated with the Site (if applicable, also indicate the dates)?

Since 1953 For 53 years at least - more than 70 yrs
(number of months, years, etc.)

Grandfather

Lived on it / father grew up on property

Questions

1) Has the property or adjoining property ever been used for (check those that apply):

- Industrial purposes
- Gas station
- Dry cleaners
- Waste treatment facility
- Processing facility
- Motor repair facility
- Photograph laboratory
- Commercial printing facility
- Automotive salvage yard
- Disposal facility
- Recycling facility
- Landfill/dump

Farming

If yes to any of the prior uses described above, please provide the following information. Prior land use, hazardous substances used, and dates:

No

beans, milo, wheat

Please identify prior owners, site managers/operators, occupants and dates:

at least 53 yrs

Farming when dad was 16 would be 91

but more than 70 yrs

For existing or prior structures on the property, please identify their purpose and the length of time the structures have, or may have existed:

Home place for parents & uncle - Structures are no longer there

2) Do any of the following documents exist for the Site or any portion of the Site? If so, can you provide a copy of the information to Blackstone Environmental, Inc.?

- Environmental Site Assessment Reports
- Environmental Compliance Audits
- Environmental Permits
- Underground/Above ground Storage Tank Registration
- Underground Injection System Registration
- Material Safety Data Sheets (MSDS)
- Community Right-to Know Plan
- Emergency Response Plans
- Spill Prevention, Countermeasure and Control (SPCC) Plans
- Reports regarding hydrogeologic conditions on the property

- Governmental (local, State, Federal) correspondence/documents relating to past or current violations of environmental laws
- Hazard waste generator notices or reports
- Geotechnical studies
- Risk Assessments
- Recorded Activity and Use Limitations (AULs)
- Environmental liens

3) Do you have knowledge of the following items being used, stored, discarded, dumped, buried or burned on the property?

No

Material	Quantity	Date(s) Observed	Comments
Above ground storage tank			(size, contents, condition)
Automotive/Industrial batteries			
Pesticides/Herbicides (> 5gallons)			
Paints (> 5 gallons)			
Chemicals/Hazardous substances			
Drums (typically 55-gallon)			(contents, condition)
Transformers or other equipment that may contain PCBs			
Underground storage tank			(size, contents, condition)
Unknown materials that may be suspected to be hazardous substances			(describe)

4) If hazardous wastes are generated and stored on the property, please describe the following: *None*

Permits for handling, use, storage or disposal of hazardous waste:

Methods used to contain spills and to dispose of hazardous waste:

N/A

5) Have you observed evidence of or have knowledge of the following on the property?

none

Material	Quantity	Date(s) Observed	Comments (location, details, etc.)
Equipment maintenance areas			
Accidental spills or releases of chemicals or petroleum products			
Asbestos containing materials			
Fill dirt from an unknown source or contaminated site			
Pits, ponds, or lagoons for waste treatment or disposal			
Stained soil or soil with odors			
Sumps or dry wells			
Vent or fill pipes, access/manholes at the ground surface or near structures			
Heating and cooling systems (include fuel source)			
Flooring, drains, walls that are stained or emitting a foul odor			

6) Please indicated the source of potable water supply for the property:

Public Water Supply (municipal, rural water district, other) *Not Sure*

Non-public water supply (e.g., mobile home park with < 10 users on a single well)

Private well *not sure assume once there was*

Other – describe *a potable well*

No potable supply to property *currently*

If the source is a private well, please describe the well including the uses made of water (domestic, irrigation, etc.), and provide information concerning the well construction, date

drilled, well depth, approximate discharge rate, and location (provide copies of well logs to Blackstone Environmental, Inc., if available):

If the well has been sampled for water quality or potential contaminants, and if so, can you provide copies of sampling documentation?

- Sampled and exceeded Drinking Water Standards
- Sampled but did not exceed Drinking Water Standards
- Not sampled

Has the well or water system ever been designated by any governmental environmental or health agency as contaminated?

Yes No

If yes, when and for what contaminants? _____

7) Please indicate how waste water has been disposed of at the property:

- Sanitary sewer
- Storm sewer
- Septic System
- Other (e.g., dry well, cesspool, pit, etc.), describe _____
- No discharge

*Likely was a septic system on property —
don't know but no longer active;
no structures on property*

Please provide additional description of non-domestic waste water discharge:

N/A

8) Please describe how stormwater runoff is managed on the property. For example, are there ditches, drains, or other stormwater control features on the property.

Doesn't know

If stormwater runoff from adjacent properties runs onto the Site, please describe the use of those adjacent properties and indicate the locations where runoff from the adjacent properties enters the Site.

Doesn't know

9) Is there or has there been activities related to production of oil and gas on the property, including wells, tankage, etc.?

Yes No

If yes, please describe such activities and identify locations of petroleum production features including wells, piping, storage tanks, compressor/processing areas, drilling pits, etc.:

10) Do you have knowledge of the following actions relative to the property. Check the applicable boxes and explain those that apply: *none*

- Environmental cleanup, on-going or pending
- Environmental liens
- Notice of violation of environmental laws, past or present
- Lawsuits or administrative proceedings relating to the release of a hazardous substance or petroleum in, on or from the property
- Prior environmental assessment that indicated the presence of hazardous substances, petroleum hydrocarbons, or other contaminants
- Deed restrictions
- Complaints regarding activities on the property

11) Has the property been used for agricultural purposes in the past?

Yes No

Please describe the type of agricultural use:

Crops
Currently grow Soybeans & milo; wheat in past

If the property has been used to grow crops, please identify the types of crops grown, where on the property, and include a description of cropping patterns and locations crops on the property:

12) Have pesticides (pesticides includes herbicides) been applied to fields or other portions of the Site? If so, please indicate what pesticides have been used (attach additional sheets if necessary): *Yes, but not known*

Pesticide/Brand Name	Date	Intended Use

If there has been storage and/or mixing of pesticides on site, please describe where and how pesticides were stored and where pesticide mixing areas were located:

Do you have knowledge of any notification of violation of environmental law with respect to application or storage of pesticides on the property?

Yes No

If yes, please describe the nature of the violation, pesticides involved, corrective actions and current status:

13) Have fertilizers been applied to the site? If yes, please indicate the type of fertilizers and application methods:

Yes No

Yes for farming, but owner does not know
which ones

14) Are there any buried pipelines for irrigation or other purposes on the property? If yes, please describe the purpose of the piping, the location, and the material the piping is constructed of (steel, PVC, Transite or asbestos containing material).

None Known

PHASE I ENVIRONMENTAL SITE ASSESSMENT INTERVIEW QUESTIONNAIRE

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Interviewees are requested to answer the following questions in good faith and to the best of their actual knowledge. The property for which the Phase I ESA is being performed may be referred to as the property or Site within this questionnaire.

Project Information

Site Name: Franklin County Industrial Park

Site Address: 2670 Montana, Road Ottawa, KS

Interviewer: Anne Meha

Date of Interview (or date questionnaire completed by Interviewee): _____

Interviewee Information

Interviewee: John McFarland

Title: Owner

Company: 785-418-1068

Association to Site:
(Check those that apply)

- Client/Owner
- Site Manager
- Occupant
- Government Official
- Other (define) _____

How long have you been associated with the Site (if applicable, also indicate the dates)?

4 yrs (number of months, years, etc.)

Questions

1) Has the property or adjoining property ever been used for (check those that apply):

<input type="checkbox"/> Industrial purposes	<input type="checkbox"/> Photograph laboratory
<input type="checkbox"/> Gas station	<input type="checkbox"/> Commercial printing facility
<input type="checkbox"/> Dry cleaners	<input type="checkbox"/> Automotive salvage yard
<input type="checkbox"/> Waste treatment facility	<input type="checkbox"/> Disposal facility
<input type="checkbox"/> Processing facility	<input type="checkbox"/> Recycling facility
<input type="checkbox"/> Motor repair facility	<input type="checkbox"/> Landfill/dump

If yes to any of the prior uses described above, please provide the following information. Prior land use, hazardous substances used, and dates:

none

Please identify prior owners, site managers/operators, occupants and dates:

no homestead

For existing or prior structures on the property, please identify their purpose and the length of time the structures have, or may have existed:

no additional structures

2) Do any of the following documents exist for the Site or any portion of the Site? If so, can you provide a copy of the information to Blackstone Environmental, Inc.? none

- Environmental Site Assessment Reports
- Environmental Compliance Audits
- Environmental Permits
- Underground/Above ground Storage Tank Registration
- Underground Injection System Registration
- Material Safety Data Sheets (MSDS)
- Community Right-to Know Plan
- Emergency Response Plans
- Spill Prevention, Countermeasure and Control (SPCC) Plans
- Reports regarding hydrogeologic conditions on the property

- Governmental (local, State, Federal) correspondence/documents relating to past or current violations of environmental laws
- Hazard waste generator notices or reports
- Geotechnical studies
- Risk Assessments
- Recorded Activity and Use Limitations (AULs)
- Environmental liens

3) Do you have knowledge of the following items being used, stored, discarded, dumped, buried or burned on the property?

None

Material	Quantity	Date(s) Observed	Comments
Above ground storage tank			(size, contents, condition)
Automotive/Industrial batteries			
Pesticides/Herbicides (> 5gallons)			
Paints (> 5 gallons)			
Chemicals/Hazardous substances			
Drums (typically 55-gallon)			(contents, condition)
Transformers or other equipment that may contain PCBs			
Underground storage tank			(size, contents, condition)
Unknown materials that may be suspected to be hazardous substances			(describe)

4) If hazardous wastes are generated and stored on the property, please describe the following:

None

Permits for handling, use, storage or disposal of hazardous waste:

Methods used to contain spills and to dispose of hazardous waste:

N/A

5) Have you observed evidence of or have knowledge of the following on the property?

None

Material	Quantity	Date(s) Observed	Comments (location, details, etc.)
Equipment maintenance areas			
Accidental spills or releases of chemicals or petroleum products			
Asbestos containing materials			
Fill dirt from an unknown source or contaminated site			
Pits, ponds, or lagoons for waste treatment or disposal			
Stained soil or soil with odors			
Sumps or dry wells			
Vent or fill pipes, access/manholes at the ground surface or near structures			
Heating and cooling systems (include fuel source)			
Flooring, drains, walls that are stained or emitting a foul odor			

6) Please indicated the source of potable water supply for the property:

None

- Public Water Supply (municipal, rural water district, other)
- Non-public water supply (e.g., mobile home park with < 10 users on a single well)
- Private well
- Other – describe _____
- No potable supply to property

If the source is a private well, please describe the well including the uses made of water (domestic, irrigation, etc.), and provide information concerning the well construction, date

drilled, well depth, approximate discharge rate, and location (provide copies of well logs to Blackstone Environmental, Inc., if available):

If the well has been sampled for water quality or potential contaminants, and if so, can you provide copies of sampling documentation?

Sampled and exceeded Drinking Water Standards
 Sampled but did not exceed Drinking Water Standards
 Not sampled

N/A

Has the well or water system ever been designated by any governmental environmental or health agency as contaminated?

Yes No

N/A

If yes, when and for what contaminants? _____

7) Please indicate how waste water has been disposed of at the property: none

Sanitary sewer
 Storm sewer
 Septic System
 Other (e.g., dry well, cesspool, pit, etc.), describe _____
 No discharge

Please provide additional description of non-domestic waste water discharge:

N/A

8) Please describe how stormwater runoff is managed on the property. For example, are there ditches, drains, or other stormwater control features on the property.

N/A

If stormwater runoff from adjacent properties runs onto the Site, please describe the use of those adjacent properties and indicate the locations where runoff from the adjacent properties enters the Site.

N/A

9) Is there or has there been activities related to production of oil and gas on the property, including wells, tankage, etc.?

Yes No

If yes, please describe such activities and identify locations of petroleum production features including wells, piping, storage tanks, compressor/processing areas, drilling pits, etc.:

10) Do you have knowledge of the following actions relative to the property. Check the applicable boxes and explain those that apply:

- Environmental cleanup, on-going or pending
- Environmental liens
- Notice of violation of environmental laws, past or present
- Lawsuits or administrative proceedings relating to the release of a hazardous substance or petroleum in, on or from the property
- Prior environmental assessment that indicated the presence of hazardous substances, petroleum hydrocarbons, or other contaminants
- Deed restrictions
- Complaints regarding activities on the property

11) Has the property been used for agricultural purposes in the past?

Yes No

Please describe the type of agricultural use:

CRP

If the property has been used to grow crops, please identify the types of crops grown, where on the property, and include a description of cropping patterns and locations crops on the property:

CRP

Soybeans

12) Have pesticides (pesticides includes herbicides) been applied to fields or other portions of the Site? If so, please indicate what pesticides have been used (attach additional sheets if necessary):

Yes, but not sure of types/quantities

Pesticide/Brand Name	Date	Intended Use

If there has been storage and/or mixing of pesticides on site, please describe where and how pesticides were stored and where pesticide mixing areas were located:

None

Do you have knowledge of any notification of violation of environmental law with respect to application or storage of pesticides on the property?

Yes No

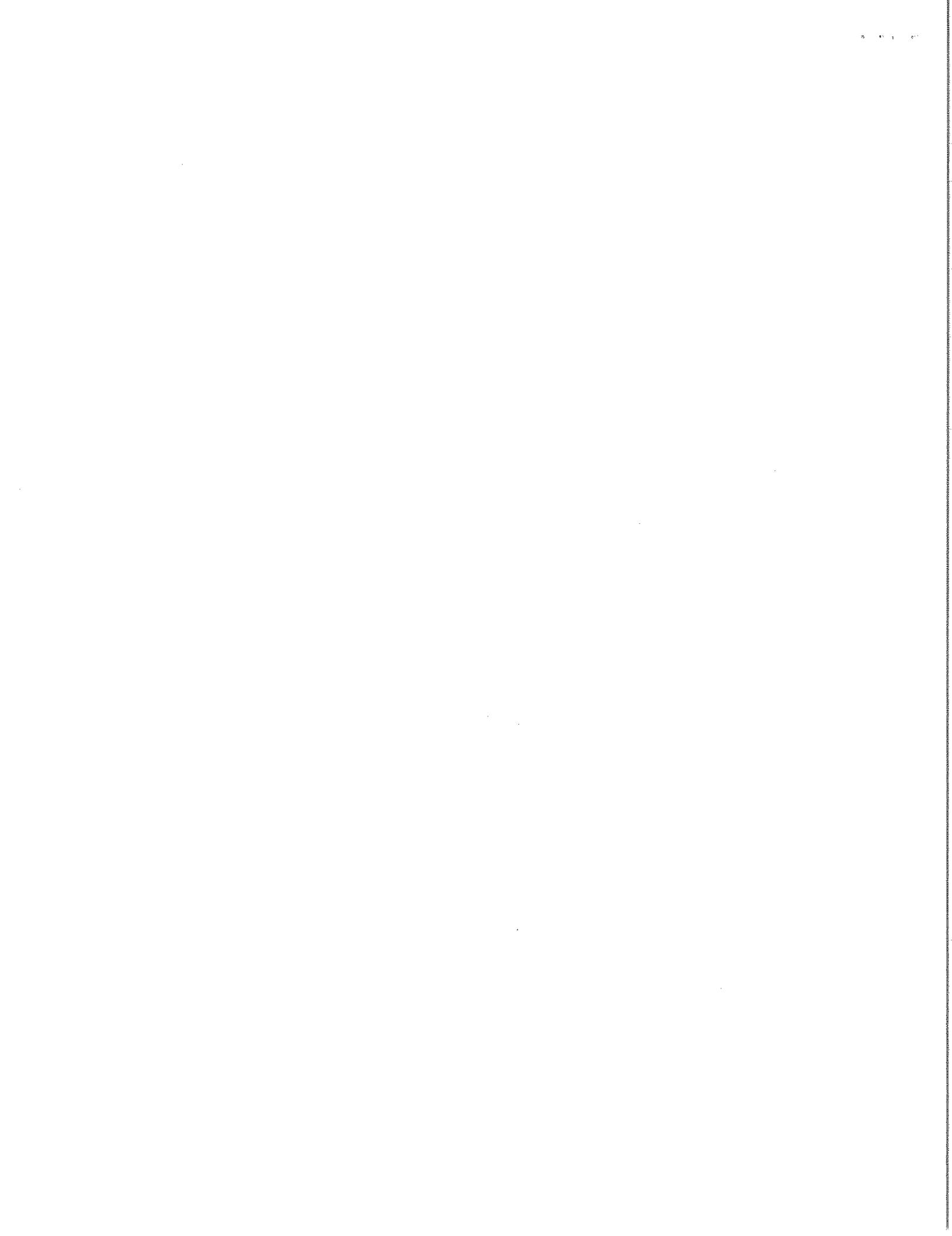
If yes, please describe the nature of the violation, pesticides involved, corrective actions and current status:

13) Have fertilizers been applied to the site? If yes, please indicate the type of fertilizers and application methods:

Yes No

14) Are there any buried pipelines for irrigation or other purposes on the property? If yes, please describe the purpose of the piping, the location, and the material the piping is constructed of (steel, PVC, Transite or asbestos containing material).

No



PHASE I ENVIRONMENTAL SITE ASSESSMENT INTERVIEW QUESTIONNAIRE

This questionnaire has been developed to gain information regarding a property as part of performing a Phase I Environmental Site Assessment (Phase I ESA) in accordance with the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process (ASTM Standard Practice E1527-13).

Interviewees are requested to answer the following questions in good faith and to the best of their actual knowledge. The property for which the Phase I ESA is being performed may be referred to as the property or Site within this questionnaire.

Project Information

Site Name: Patry Parcel

Site Address: 2655 Kingman Road, Ottawa, KS 66067

Interviewer: Anne Maria

Date of Interview (or date questionnaire completed by Interviewee): December 1, 2014

Interviewee Information

Interviewee: Mr. John Richeson

Title: Attorney for Patry family

Company: _____

Association to Site:

(Check those that apply)

Client/Owner representative

Site Manager

Occupant

Government Official

Other (define) _____

How long have you been associated with the Site (if applicable, also indicate the dates)?

Patry family has owned since 180's (number of months, years, etc.)

Questions

1) Has the property or adjoining property ever been used for (check those that apply):

<input type="checkbox"/> Industrial purposes	<input type="checkbox"/> Photograph laboratory
<input type="checkbox"/> Gas station	<input type="checkbox"/> Commercial printing facility
<input type="checkbox"/> Dry cleaners	<input type="checkbox"/> Automotive salvage yard
<input type="checkbox"/> Waste treatment facility	<input type="checkbox"/> Disposal facility
<input type="checkbox"/> Processing facility	<input type="checkbox"/> Recycling facility
<input type="checkbox"/> Motor repair facility	<input type="checkbox"/> Landfill/dump

If yes to any of the prior uses described above, please provide the following information. Prior land use, hazardous substances used, and dates:

No. Tires were discarded on the property by others without permission - were removed in 2014. Several outbuildings were demolished 2012-2014 & the demo. debris was buried on-site (wood/metal). No petroleum products, hazardous substances, or asbestos were buried.

Please identify prior owners, site managers/operators, occupants and dates:

Unknown

For existing or prior structures on the property, please identify their purpose and the length of time the structures have, or may have existed:

Outbuildings were for wind-breaks & storage. One was used to store corn/soy beans. No structures currently on-site.

2) Do any of the following documents exist for the Site or any portion of the Site? If so, can you provide a copy of the information to Blackstone Environmental, Inc.? No

- Environmental Site Assessment Reports
- Environmental Compliance Audits
- Environmental Permits
- Underground/Above ground Storage Tank Registration
- Underground Injection System Registration
- Material Safety Data Sheets (MSDS)
- Community Right-to Know Plan
- Emergency Response Plans
- Spill Prevention, Countermeasure and Control (SPCC) Plans
- Reports regarding hydrogeologic conditions on the property

- Governmental (local, State, Federal) correspondence/documents relating to past or current violations of environmental laws
- Hazard waste generator notices or reports
- Geotechnical studies
- Risk Assessments
- Recorded Activity and Use Limitations (AULs)
- Environmental liens

3) Do you have knowledge of the following items being used, stored, discarded, dumped, buried or burned on the property?

Material	Quantity	Date(s) Observed	Comments
Above ground storage tank	NO		(size, contents, condition)
Automotive/Industrial batteries	NO		
Pesticides/Herbicides (> 5gallons)			\$ Pesticides - normal applications for crops.
Paints (> 5 gallons)	NO		
Chemicals/Hazardous substances	NO		
Drums (typically 55-gallon)	NO		(contents, condition)
Transformers or other equipment that may contain PCBs	NO		
Underground storage tank	NO		(size, contents, condition)
Unknown materials that may be suspected to be hazardous substances	NO		(describe)

4) If hazardous wastes are generated and stored on the property, please describe the following:

NA

Permits for handling, use, storage or disposal of hazardous waste:

Methods used to contain spills and to dispose of hazardous waste:

5) Have you observed evidence of or have knowledge of the following on the property?

Material	Quantity	Date(s) Observed	Comments (location, details, etc.)
Equipment maintenance areas	NO		
Accidental spills or releases of chemicals or petroleum products	NO		
Asbestos containing materials	NO		
Fill dirt from an unknown source or contaminated site	NO		
Pits, ponds, or lagoons for waste treatment or disposal			1 farm pond - not for treatment or disposal
Stained soil or soil with odors	NO		
Sumps or dry wells	NO		
Vent or fill pipes, access/manholes at the ground surface or near structures	NO		
Heating and cooling systems (include fuel source)	NO		
Flooring, drains, walls that are stained or emitting a foul odor	NO		

6) Please indicate the source of potable water supply for the property:

- Public Water Supply (municipal, rural water district, other)
- Non-public water supply (e.g., mobile home park with < 10 users on a single well)
- Private well
- Other – describe _____
- No potable supply to property

If the source is a private well, please describe the well including the uses made of water (domestic, irrigation, etc.), and provide information concerning the well construction, date

drilled, well depth, approximate discharge rate, and location (provide copies of well logs to Blackstone Environmental, Inc., if available):

If the well has been sampled for water quality or potential contaminants, and if so, can you provide copies of sampling documentation? *NA*

- Sampled and exceeded Drinking Water Standards
- Sampled but did not exceed Drinking Water Standards
- Not sampled

Has the well or water system ever been designated by any governmental environmental or health agency as contaminated?

Yes No *NA*

If yes, when and for what contaminants? _____

7) Please indicate how waste water has been disposed of at the property:

- Sanitary sewer
- Storm sewer
- Septic System
- Other (e.g., dry well, cesspool, pit, etc.), describe _____
- No discharge

Please provide additional description of non-domestic waste water discharge:

8) Please describe how stormwater runoff is managed on the property. For example, are there ditches, drains, or other stormwater control features on the property.

drained ditches along roads

If stormwater runoff from adjacent properties runs onto the Site, please describe the use of those adjacent properties and indicate the locations where runoff from the adjacent properties enters the Site.

neighbors are also ag properties

9) Is there or has there been activities related to production of oil and gas on the property, including wells, tankage, etc.?

Yes No

If yes, please describe such activities and identify locations of petroleum production features including wells, piping, storage tanks, compressor/processing areas, drilling pits, etc.:

10) Do you have knowledge of the following actions relative to the property. Check the applicable boxes and explain those that apply: *NO*

- Environmental cleanup, on-going or pending
- Environmental liens
- Notice of violation of environmental laws, past or present
- Lawsuits or administrative proceedings relating to the release of a hazardous substance or petroleum in, on or from the property
- Prior environmental assessment that indicated the presence of hazardous substances, petroleum hydrocarbons, or other contaminants
- Deed restrictions
- Complaints regarding activities on the property

11) Has the property been used for agricultural purposes in the past?

Yes No

Please describe the type of agricultural use:

Corn/Soy beans

If the property has been used to grow crops, please identify the types of crops grown, where on the property, and include a description of cropping patterns and locations of crops on the property:

12) Have pesticides (pesticides includes herbicides) been applied to fields or other portions of the Site? If so, please indicate what pesticides have been used (attach additional sheets if necessary):

Yes - unknown

Pesticide/Brand Name	Date	Intended Use

If there has been storage and/or mixing of pesticides on site, please describe where and how pesticides were stored and where pesticide mixing areas were located:

Do you have knowledge of any notification of violation of environmental law with respect to application or storage of pesticides on the property?

Yes No

If yes, please describe the nature of the violation, pesticides involved, corrective actions and current status:

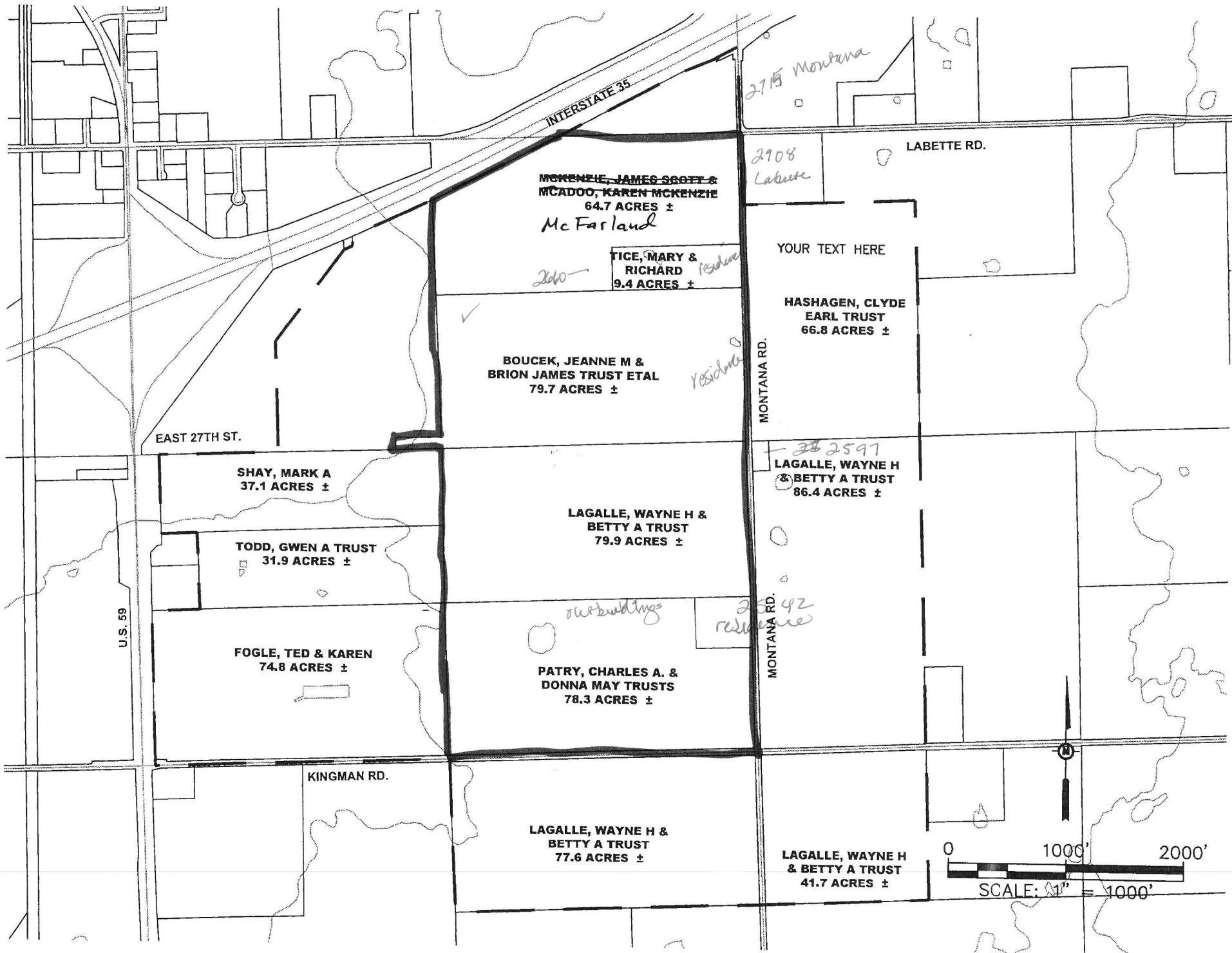
13) Have fertilizers been applied to the site? If yes, please indicate the type of fertilizers and application methods:

Yes No

Unknown

14) Are there any buried pipelines for irrigation or other purposes on the property? If yes, please describe the purpose of the piping, the location, and the material the piping is constructed of (steel, PVC, Transite or asbestos containing material).

No



Property Detail Information



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Report for Parcel No. 030-136-13-0-00-01-008.00-0 (Quick Ref. ID R10416)

Property Physical (Situs) Address	
2542 MONTANA RD, Ottawa, KS 66067	

Tract (Legal) Description	
S13 , T17 , R19E , ACRES 4.7 , TR BEG NE/C S2 SE4 W505 S430 E505 N430 TO POB LESS ROW	

Owner(s)	Owner Mailing Address
LAGALLE, WAYNE H & BETTY A TRUST - (P)	2976 KINGMAN RD OTTAWA, KS 66067-8600

Property Factors	
Topography	Level - 1
Utilities	Public Water - 3 Septic - 6
Access	Semi Improved Road - 2
Fronting	Secondary Street - 3
Location	Neighborhood or Spot - 6
Parking Type	On and Off Street - 3
Parking Quantitiy	Adequate - 2
Parking Proximity	On Site - 3
Covered Parking	Not Available
Uncovered Parking	Not Available



Map Layers 10/10/2014

Property Detail Information



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Land-Based Classification	
Function	Farming / ranch land (with Ag improvements)
Activity	Farming, plowing, tilling, harvesting, or related activities
Ownership	Private-fee simple
Site	Dev Site - crops, grazing etc - with structures

General Property Information	
Property Class	Agricultural Use - A
Living Units	Not Available
Zoning	RE
Neighborhood	015.5
Tax Unit Group	101

Appraisal Information

Tax Year 2014

Class	Land	Building	Total
A	200	600	800

Tax Year 2013

Class	Land	Building	Total
A	220	580	800

Deed Information

Book 1	Page 1	Book 2	Page 2	Book 3	Page 3	Book 4	Page 4
0291	0044	0246	0220	0246	0232	94PR	0004

Other Improvements Info.

ID	Occupancy	MSCLs	Rank	Qty	Yr Blt	Eff Yr	LBCS	Area	Perim	Hgt	Dim.	Stories	Phys	Funct	Econ	OVR	Rsn	Cls	RCN	%Gd	Value
81	Farm Utility Building	D	1.00	1	1970			448	88	14	28 X 16	1	3	3					5,470	11	600

Property Detail Information

3 of 5

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Other Improvements Components Info.

ID	Code	Units	Pct.	Size	Other	Rank	Year
81	No HVAC						
81	Single -Metal on Wood Frame		100				

Property Detail Information



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Agriculture Land Summary

Dry Land Acres	Irrigated Acres	Native Acres	Tame Acres	Total Acres	Total Ag Use	Ag Market Value
0.00	0.00	4.74	0.00	4.74	200	11,000

Agriculture Land Detail

Ag Type	Ag Acres	Soil Unit	Irr. Type	Well Depth	Acre Feet	Acre Ft/Ac.	Adj. Code	Gov't Prog.	Base Rate	Adj. Rate	Ag Value
Native Grass - NG	4.74	8962				0			43	43	200

Property Detail Information

X

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X

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Property Detail Information



1 of 4



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Report for Parcel No. 030-136-13-0-00-01-009.00-0 (Quick Ref. ID R10417)

Property Physical (Situs) Address	
2580 MONTANA RD, Ottawa, KS 66067	

Owner(s)	Owner Mailing Address
LAGALLE, WAYNE H & BETTY A TRUST - (P)	2976 KINGMAN RD OTTAWA, KS 66067-8600

Property Factors	
Topography	Rolling - 4
Utilities	None - 8
Access	Semi Improved Road - 2
Fronting	Secondary Street - 3
Location	Neighborhood or Spot - 6
Parking Type	On and Off Street - 3
Parking Quantitiy	Adequate - 2
Parking Proximity	On Site - 3
Covered Parking	Not Available
Uncovered Parking	Not Available

Tract (Legal) Description
S13, T17, R19E, ACRES 79.6, N2 SE4 LESS ROW



Land-Based Classification	
Function	Farming / ranch land (no improvements)
Activity	Farming, plowing, tilling, harvesting, or related activities
Ownership	Private-fee simple
Site	Dev Site - crops, grazing etc - no structures

General Property Information	
Property Class	Agricultural Use - A
Living Units	Not Available
Zoning	A1
Neighborhood	015.5
Tax Unit Group	101

Property Detail Information



2 of 4



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Appraisal Information

Tax Year 2014

Class	Land	Building	Total
A	20,430	0	20,430

Tax Year 2013

Class	Land	Building	Total
A	18,060	0	18,060

Deed Information

Book 1	Page 1	Book 2	Page 2	Book 3	Page 3	Book 4	Page 4
0291	0044	12PB	844	0242	0585	0264	0465

Agriculture Land Summary

Dry Land Acres	Irrigated Acres	Native Acres	Tame Acres	Total Acres	Total Ag Use	Ag Market Value
65.09	0.00	14.84	0.00	79.93	20,430	326,600

Property Detail Information



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Agriculture Land Detail

Ag Type	Ag Acres	Soil Unit	Irr. Type	Well Depth	Acre Feet	Acre Ft/Ac.	Adj. Code	Gov't Prog.	Base Rate	Adj. Rate	Ag Value
Dry Land - DR	0.24	8302				0			350	350	80
Dry Land - DR	0.47	8201				0			219	219	100
Dry Land - DR	0.64	8962				0			287	287	180
Dry Land - DR	3.36	8775				0			296	296	990
Dry Land - DR	9.12	8302				0			350	350	3,190
Dry Land - DR	10.22	8962				0			287	287	2,930
Dry Land - DR	41.04	8775				0			296	296	12,150
Native Grass - NG	0.32	8201				0			92	92	30
Native Grass - NG	2.08	8962				0			43	43	90
Native Grass - NG	2.11	8302				0			120	120	250
Native Grass - NG	10.33	8775				0			43	43	440

Property Detail Information

X

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X

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Property Detail Information



1 of 4



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Report for Parcel No. 030-136-13-0-00-01-010.00-0 (Quick Ref. ID R10418)

Property Physical (Situs) Address	
2620 MONTANA RD, Ottawa, KS 66067	

Tract (Legal) Description	
S13, T17, R19E, ACRES 79.2, S2 NE4 & TR BEG SE/C NW4 W396 N109.8 E396 S109.8 TO POB LESS ROW	

Owner(s)	Owner Mailing Address
BOUCEK, JEANNE M & BRION JAMES TRUST ETAL - (P)	10150 THEDEN CIR LENEXA, KS 66220-2695



Property Factors	
Topography	Rolling - 4
Utilities	None - 8
Access	Semi Improved Road - 2
Fronting	Secondary Street - 3
Location	Neighborhood or Spot - 6
Parking Type	On and Off Street - 3
Parking Quantitiy	Adequate - 2
Parking Proximity	On Site - 3
Covered Parking	Not Available
Uncovered Parking	Not Available

Property Detail Information



2 of 4



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Land-Based Classification	
Function	Farming / ranch land (no improvements)
Activity	Farming, plowing, tilling, harvesting, or related activities
Ownership	Private-fee simple
Site	Dev Site - crops, grazing etc - no structures

General Property Information	
Property Class	Agricultural Use - A
Living Units	Not Available
Zoning	A1
Neighborhood	015.5
Tax Unit Group	101

Appraisal Information

Tax Year 2014

Class	Land	Building	Total
A	16,660	0	16,660

Tax Year 2013

Class	Land	Building	Total
A	14,620	0	14,620

Deed Information

Book 1	Page 1	Book 2	Page 2	Book 3	Page 3	Book 4	Page 4
0189	0403	0243	0635	0169	0339	0281	0114

Property Detail Information

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Agriculture Land Summary

Dry Land Acres	Irrigated Acres	Native Acres	Tame Acres	Total Acres	Total Ag Use	Ag Market Value
55.93	0.00	23.62	0.00	79.55	16,660	250,490

Agriculture Land Detail

Ag Type	Ag Acres	Soil Unit	Irr. Type	Well Depth	Acre Feet	Acre Ft/Ac.	Adj. Code	Gov't Prog.	Base Rate	Adj. Rate	Ag Value
Dry Land - DR	14.82	8962				0			287	287	4,250
Dry Land - DR	41.11	8775				0			296	296	12,170
Native Grass - NG	23.62	WAST				0			10	10	240

Property Detail Information

X

4 of 4

X

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Property Detail Information



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Report for Parcel No. 030-136-13-0-00-01-011.00-0 (Quick Ref. ID R10419)

Property Physical (Situs) Address	
2660 MONTANA RD, Ottawa, KS 66067	

Owner(s)	Owner Mailing Address
TICE, RICHARD R & MARY F - (P)	2660 MONTANA RD OTTAWA, KS 66067-8619

Property Factors	
Topography	Level - 1 Rolling - 4
Utilities	Public Water - 3 Septic - 6
Access	Semi Improved Road - 2
Fronting	Secondary Street - 3
Location	Neighborhood or Spot - 6
Parking Type	On and Off Street - 3
Parking Quantitiy	Adequate - 2
Parking Proximity	On Site - 3
Covered Parking	Not Available
Uncovered Parking	Not Available

Tract (Legal) Description
S13 , T17 , R19E , ACRES 9.3 , TR BEG 953.5S NE/C NE4 W282.5 WLY849 S367.4 E1132.2 N370.3 TO POB LESS ROW



Property Detail Information



2 of 7



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Land-Based Classification	
Function	Farming / ranch operation (with improvements)
Activity	Farming, plowing, tilling, harvesting, or related activities
Ownership	Private-fee simple
Site	Dev Site - crops, grazing etc - with structures
General Property Information	
Property Class	Farm Homesite - F
Living Units	1
Zoning	RE
Neighborhood	015.5
Tax Unit Group	101

Appraisal Information

Tax Year 2014

Class	Land	Building	Total
A	950	830	1,780
F	8,330	137,970	146,300

Tax Year 2013

Class	Land	Building	Total
A	880	800	1,680
F	8,330	135,770	144,100

Deed Information

Book 1	Page 1	Book 2	Page 2	Book 3	Page 3	Book 4	Page 4
0295	0446	0294	0584	0225	0037	0265	0641

Market Land Information

Property Detail Information

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Other Improvements Info.

ID	Occupancy	MSCLs	Rank	Qty	Yr Blt	Eff Yr	LBCS	Area	Perim	Hgt	Dim.	Stories	Phys	Funct	Econ	OVR	Rsn	Cl	RCN	%Gd	Value
27	Farm Utility Storage Shed	P	1.00	1	1950			480	88	8	24 X 20	1	3	3				A	3,408	14	480
28	Farm Utility Storage Shed	P	1.00	1	1970			336	76	8	24 X 14	1	3	3				A	2,497	14	350

Other Improvements Components Info.

ID	Code	Units	Pct.	Size	Other	Rank	Year
27	No HVAC						
27	Single -Wall-Boards on Wood		100				
28	No HVAC						
28	Single -Metal on Wood Frame		100				

Property Detail Information



4 of 7



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Agriculture Land Summary

Dry Land Acres	Irrigated Acres	Native Acres	Tame Acres	Total Acres	Total Ag Use	Ag Market Value
2.26	0.00	0.49	5.90	8.65	950	27,330

Agriculture Land Detail

Ag Type	Ag Acres	Soil Unit	Irr. Type	Well Depth	Acre Feet	Acre Ft/Ac.	Adj. Code	Gov't Prog.	Base Rate	Adj. Rate	Ag Value
Dry Land - DR	0.41	8855				0			121	121	50
Dry Land - DR	1.85	8775				0			296	296	550
Native Grass - NG	0.07	8855				0			60	60	10
Native Grass - NG	0.42	8775				0			43	43	20
Tame Grass - TG	2.11	8775				0			43	43	90
Tame Grass - TG	3.79	8855				0			60	60	230

Property Detail Information



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Dwelling Information

Dwelling No. 1

General Information			
Res Type	Single-family Residence	Main Flr. Living	1,268
Quality	AV	Upper Flr. Living	66
Year Built	1950	CDU	AV+
Eff. Year		Phys/Func/Econ	AV/
MS Style	Two Story	Ovr Pct. Gd./RCN	/203,250
LBCS Struct.	Detached SFR unit	Remodel	1970
No. of Units		Percent Complete	
Tot. Living Area	2,108	Assessment Class	
Calc. Area	2,105	MU CIs/Pct.	

Comp. Sales	
Arch Style	Conventional
Bsmnt. Type	Slab - 1
Tot. Rooms	7
Bedrooms	3
Family Rooms	
Full Baths	2
Half Baths	
Garage Cap	
Foundation	None - 1

Property Detail Information



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Dwelling 1 Components Info.

Code	Units	Pct.	Quality	Year
Raised Slab Porch (SF) with Roof	110			
Raised Slab Porch (SF) with Roof	96			
Frame, Metal or Vinyl Siding		100		
Wood Shake		100		
Slab on Grade (% or SF)	812			
Raised Subfloor (% or SF)	1,296			
Electric Radiant Heat		100		
Refrigerated Air with Ducts		100		
Plumbing Fixtures (#)	8			
Plumbing Rough-ins (#)	1			
Automatic Floor Cover Allowance				
Open Slab Porch (SF)	432		3	1950
Wood Deck (SF)	210		3	1990
Wood Deck (SF)	276		3	1990
Slab Porch (SF) with Roof	480		1	2001

Dwelling 1 / Building Improvements Info.

ID	Occupancy	MSCls	Rank	Qty	Yr Blt	Eff Yr	LBCS	Area	Perim	Hgt	Dim.	Stories	Phys	Funct	Econ	OVR	Rsn	Cls	RCN	%Gd	Value
36	Residential Garage - Detached	D	1.00	1	1950			660	104	8	30 X 22	1	3	3					14,381	18	2,590
39	Residential Garage - Detached	D	3.00	1	2001			1800	180	8	60 X 30	1	3	3					58,518	55	32,180

Property Detail Information



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Property Detail Information



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Report for Parcel No. 030-136-13-0-00-01-001.00-0 (Quick Ref. ID R10406)

Property Physical (Situs) Address	
2690 MONTANA RD, Ottawa, KS 66067	

Tract (Legal) Description	
S13 , T17 , R19E , ACRES 64.1 , N2 NE4 EXC TR BEG 953.5S NE/C NE4 W282.5 WLY849 S367.4 E1132 N370.3 TO POB LESS ROW	

Owner(s)	Owner Mailing Address
MCKENZIE, JAMES SCOTT & MCADOO, KAREN MCKENZIE - (P)	Attn: MCFARLAND, JOHN M & REBECCA S 1583 MONTANA RD PRINCETON, KS 66078-9122
MCFARLAND, JOHN M & REBECCA S	1583 MONTANA RD PRINCETON, KS 66078-9122



Property Factors	
Topography	Level - 1 Rolling - 4
Utilities	None - 8
Access	Semi Improved Road - 2
Fronting	Secondary Street - 3
Location	Neighborhood or Spot - 6
Parking Type	On and Off Street - 3
Parking Quantitiy	Adequate - 2
Parking Proximity	On Site - 3
Covered Parking	Not Available
Uncovered Parking	Not Available

Property Detail Information



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Land-Based Classification	
Function	Farming / ranch land (no improvements)
Activity	Farming, plowing, tilling, harvesting, or related activities
Ownership	Private-fee simple
Site	Dev Site - crops, grazing etc - no structures

General Property Information	
Property Class	Agricultural Use - A
Living Units	Not Available
Zoning	A1
Neighborhood	015.5
Tax Unit Group	101

Appraisal Information

Tax Year 2014

Class	Land	Building	Total
A	16,550	0	16,550

Tax Year 2013

Class	Land	Building	Total
A	14,570	0	14,570

Deed Information

Book 1	Page 1	Book 2	Page 2	Book 3	Page 3	Book 4	Page 4
0295	0791	12DM	208	M260	0046	79P	82

Property Detail Information



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Agriculture Land Summary

Dry Land Acres	Irrigated Acres	Native Acres	Tame Acres	Total Acres	Total Ag Use	Ag Market Value
54.35	0.00	4.20	5.63	64.18	16,550	260,860

Agriculture Land Detail

Ag Type	Ag Acres	Soil Unit	Irr. Type	Well Depth	Acre Feet	Acre Ft/Ac.	Adj. Code	Gov't Prog.	Base Rate	Adj. Rate	Ag Value
Dry Land - DR	0.20	8855				0			121	121	20
Dry Land - DR	54.15	8775				0			296	296	16,030
Native Grass - NG	0.78	8302				0			120	120	90
Native Grass - NG	3.42	8775				0			43	43	150
Tame Grass - TG	1.40	8855				0			60	60	80
Tame Grass - TG	4.23	8775				0			43	43	180

Property Detail Information

X

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X

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Property Detail Information



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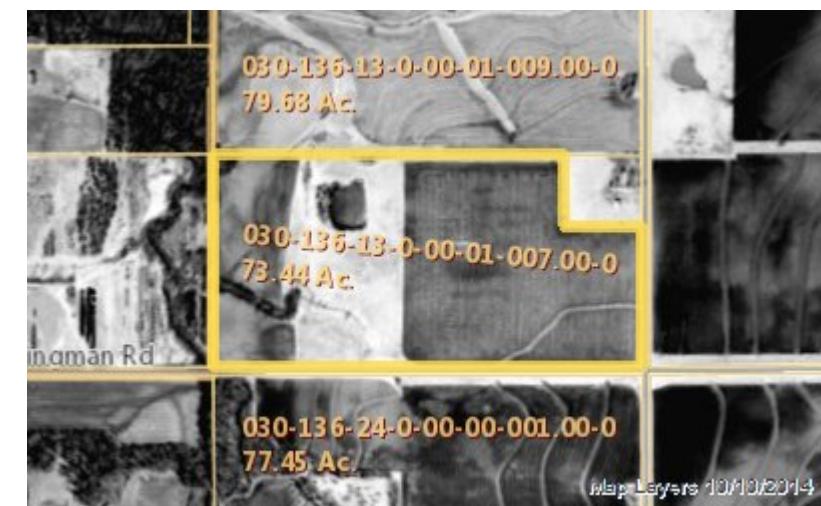
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Report for Parcel No. 030-136-13-0-00-01-007.00-0 (Quick Ref. ID R10415)

Property Physical (Situs) Address	
2655 KINGMAN RD, Ottawa, KS 66067	

Tract (Legal) Description	
S13 , T17 , R19E , ACRES 73.4 , S2 SE4 EXC TR BEG NE/C S2 SE4 W505 S430 E505 N430 TO POB LESS ROW	

Owner(s)	Owner Mailing Address
PATRY, CHARLES A & DONNA MAY TRUSTS - (P)	1542 S ELM ST OTTAWA, KS 66067-3823



Property Factors	
Topography	Rolling - 4
Utilities	None - 8
Access	Semi Improved Road - 2
Fronting	Secondary Artery - 2
Location	Neighborhood or Spot - 6
Parking Type	On and Off Street - 3
Parking Quantitiy	Adequate - 2
Parking Proximity	On Site - 3
Covered Parking	Not Available
Uncovered Parking	Not Available

Property Detail Information



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Land-Based Classification	
Function	Farming / ranch land (with Ag improvements)
Activity	Farming, plowing, tilling, harvesting, or related activities
Ownership	Private-fee simple
Site	Dev Site - crops, grazing etc - with structures

General Property Information	
Property Class	Agricultural Use - A
Living Units	Not Available
Zoning	A1
Neighborhood	015.5
Tax Unit Group	101

Appraisal Information

Tax Year 2014

Class	Land	Building	Total
A	15,250	510	15,760

Tax Year 2013

Class	Land	Building	Total
A	13,580	490	14,070

Deed Information

Book 1	Page 1	Book 2	Page 2	Book 3	Page 3	Book 4	Page 4
0205	0280	0238	0141	98D	087	256/	677

Property Detail Information



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Other Improvements Info.

ID	Occupancy	MSCls	Rank	Qty	Yr Blt	Eff Yr	LBCS	Area	Perim	Hgt	Dim.	Stories	Phys	Funct	Econ	OVR	Rsn	Cls	RCN	%Gd	Value
67	Tool Shed	D	0.50	1	1940			140	48	8	14 X 10	1	1	1					1,270	11	140
68	Tool Shed	D	0.50	3	1940			120	44	8	12 X 10	1	1	1					1,127	11	120

Other Improvements Components Info.

ID	Code	Units	Pct.	Size	Other	Rank	Year
67	Single -Wall-Boards on Wood		100				
68	Single -Wall-Boards on Wood		100				

Property Detail Information



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Agriculture Land Summary

Dry Land Acres	Irrigated Acres	Native Acres	Tame Acres	Total Acres	Total Ag Use	Ag Market Value
49.06	0.00	4.93	19.48	73.47	15,250	263,450

Agriculture Land Detail

Ag Type	Ag Acres	Soil Unit	Irr. Type	Well Depth	Acre Feet	Acre Ft/Ac.	Adj. Code	Gov't Prog.	Base Rate	Adj. Rate	Ag Value
Dry Land - DR	0.09	8201				0			219	219	20
Dry Land - DR	0.27	8775				0			296	296	80
Dry Land - DR	0.70	MT250B				0			269	269	190
Dry Land - DR	1.42	8775				0			296	296	420
Dry Land - DR	1.77	8302				0			350	350	620
Dry Land - DR	3.95	8201				0			219	219	870
Dry Land - DR	4.28	8302				0			350	350	1,500
Dry Land - DR	36.58	8962				0			287	287	10,500
Native Grass - NG	0.02	8201				0			92	92	10
Native Grass - NG	0.43	8962				0			43	43	20
Native Grass - NG	1.83	WAST				0			10	10	20
Native Grass - NG	2.65	8775				0			43	43	110
Tame Grass - TG	0.14	8302				0			120	120	20
Tame Grass - TG	0.49	8201				0			92	92	50
Tame Grass - TG	0.67	MT250B				0			64	64	40
Tame Grass - TG	7.96	8775				0			43	43	340
Tame Grass - TG	10.22	8962				0			43	43	440

Property Detail Information

X

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X

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