
DRAFT – Phase I Environmental Site Assessment Report – Kuhlman Diecasting Site Stanley, Kansas



Appendix A– Site Figures

Submitted By:



Environment International Government Ltd.
5505 34th Ave. NE
Seattle, WA 98105
Phone: (206)525-3362 Fax: (206)525-0869
Gwen.Porus@eigov.us

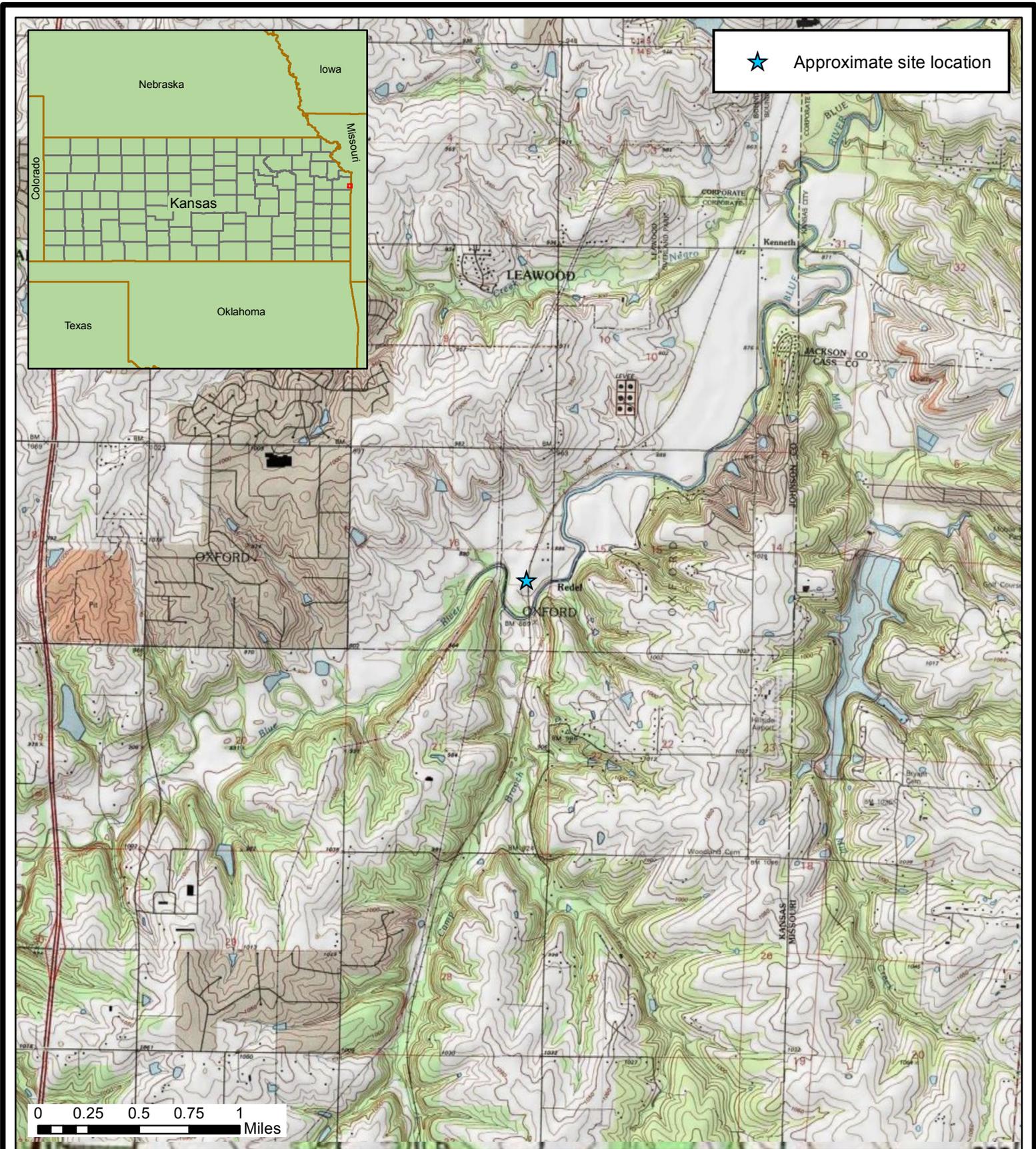
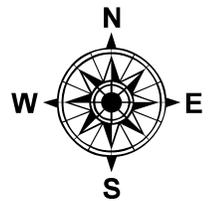


Figure 1
Site Location Map



Kuhlman Diecasting Site, Stanley, Kansas



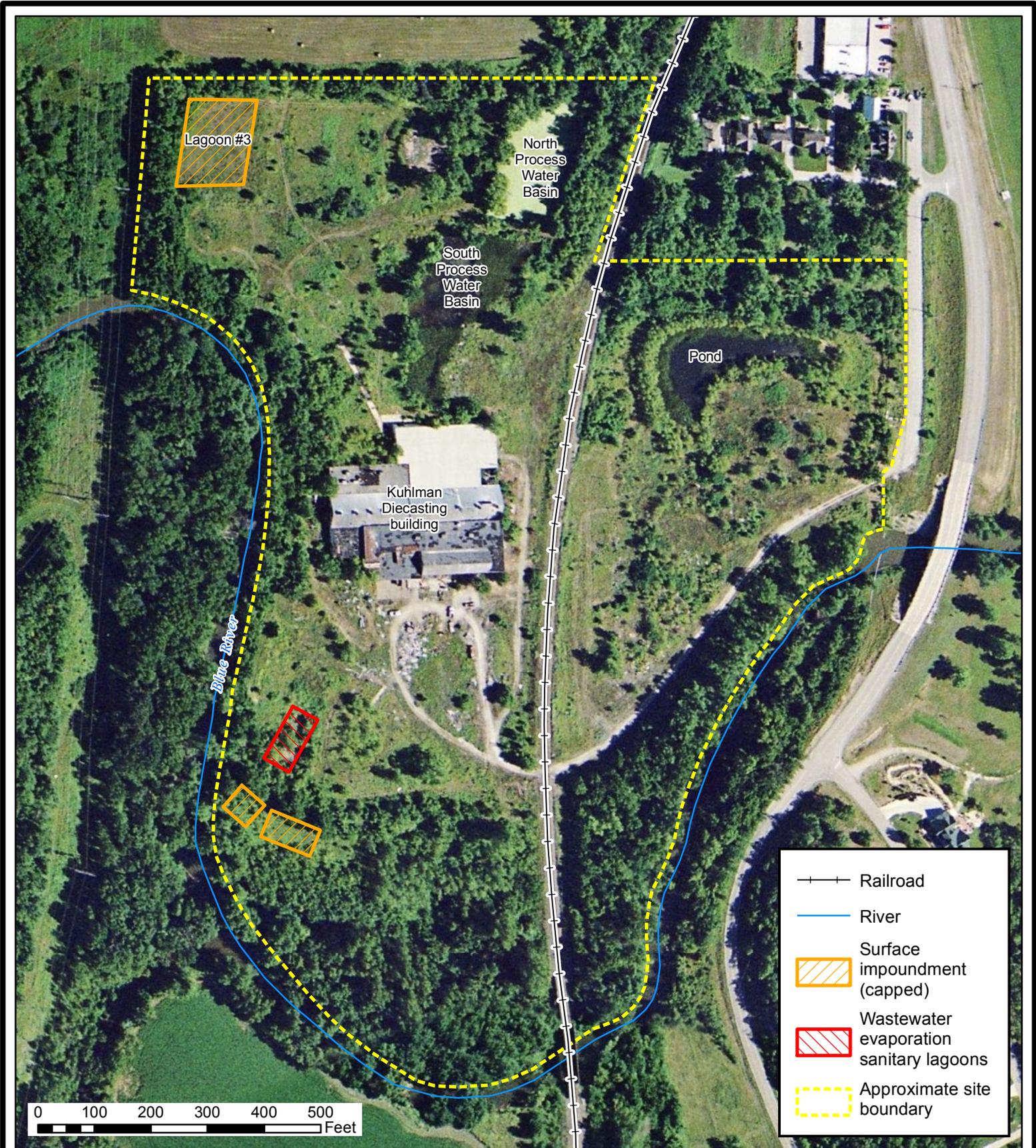
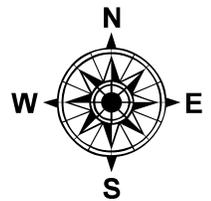


Figure 2
Site Aerial Map



Kuhlman Diecasting Site, Stanley, Kansas

DRAFT – Phase I Environmental Site Assessment Report – Kuhlman Diecasting Site

Stanley, Kansas



Appendix B– Property Information

Submitted By:



Environment International Government Ltd.
5505 34th Ave. NE
Seattle, WA 98105
Phone: (206)525-3362 Fax: (206)525-0869
Gwen.Porus@eigov.us

Johnson County Kansas Appraiser's Office

Land Records: Summary

[View tax bill](#)

[Nearby Addresses](#)

[Map Parcel](#)

[New Search](#)

[Help](#)

16400 MISSION RD STILWELL, Kansas

Parcel Summary

Parcel ID: 7F251416-4008

KUP #: 046-165-16-0-40-01-006,00-0

Quick Ref ID: R178200

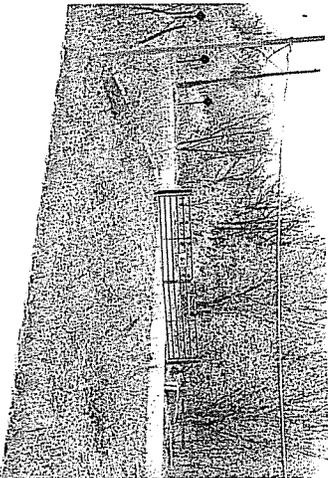
Description: Steel fabrication

Value: \$154,120

Square Feet: 73,730 sq. ft. *

Year Built: 1904

046-165-16-0-40-01-006,00-0 04/08/2010



*includes basement, if any

[Click to enlarge image](#)

Taxes & Values

Year	Appraised Value	Assessed Value	Change In Appraised Value
2011	\$154,120	\$38,530	0%
2010	\$154,120	\$38,530	

Property Totals

Total Bldg Area:	73,730 sq. ft.	Total Land Area:	35.15 acre
# of Units:	8	Total Support Area:	0.00 acre
Total Improved Value:	\$1,000	Total Land Value:	\$153,120

Record Number: 1

Available Records: [1](#), [2](#), [3](#), [4](#), [5](#), [6](#), [7](#), [8](#)

[Property Specifics](#)

Land Use: Steel fabrication

Property Class: Commercial & Industrial - C

Building Name: KUHLMAN DIECASTING CO.

Year Built: 1904

Structure Type: Heavy industrial structures and facilities

of Stories: 1

Construction Type: Concrete Block, Stud -Brick Veneer

Construction Grade: Average-

Basement: 0 sq. ft.

Gross Building Area: 15,000 sq. ft.

Components

Description	Units	Percent
Canopy, Retail Wood Frame	375	0
Concrete Block	0	100
Mezzanines-Open	3050	0
Package Unit	0	100
Single -Metal on Steel Frame	0	100
Space Heater	0	100
Storage Bldg, Steel	1125	0
Stud -Brick Veneer	0	100

DRAFT – Phase I Environmental Site Assessment Report – Kuhlman Diecasting Site Stanley, Kansas



Appendix C– Historical Use Documentation

Submitted By:



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INFORMATION
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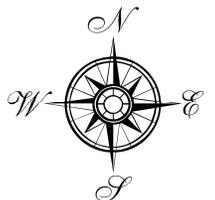
Kuhlman Diecasting Site
16442 Mission Road
Overland Park, KS

2010

HIG Project Number: MBB-4260

Client Project Number:

Approximate Scale 1:6000 (1"=500')





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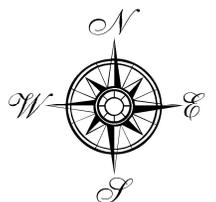
Kuhlman Diecasting Site
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Overland Park, KS

2006

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Client Project Number:

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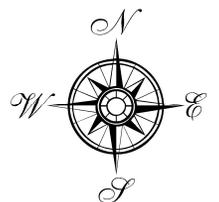
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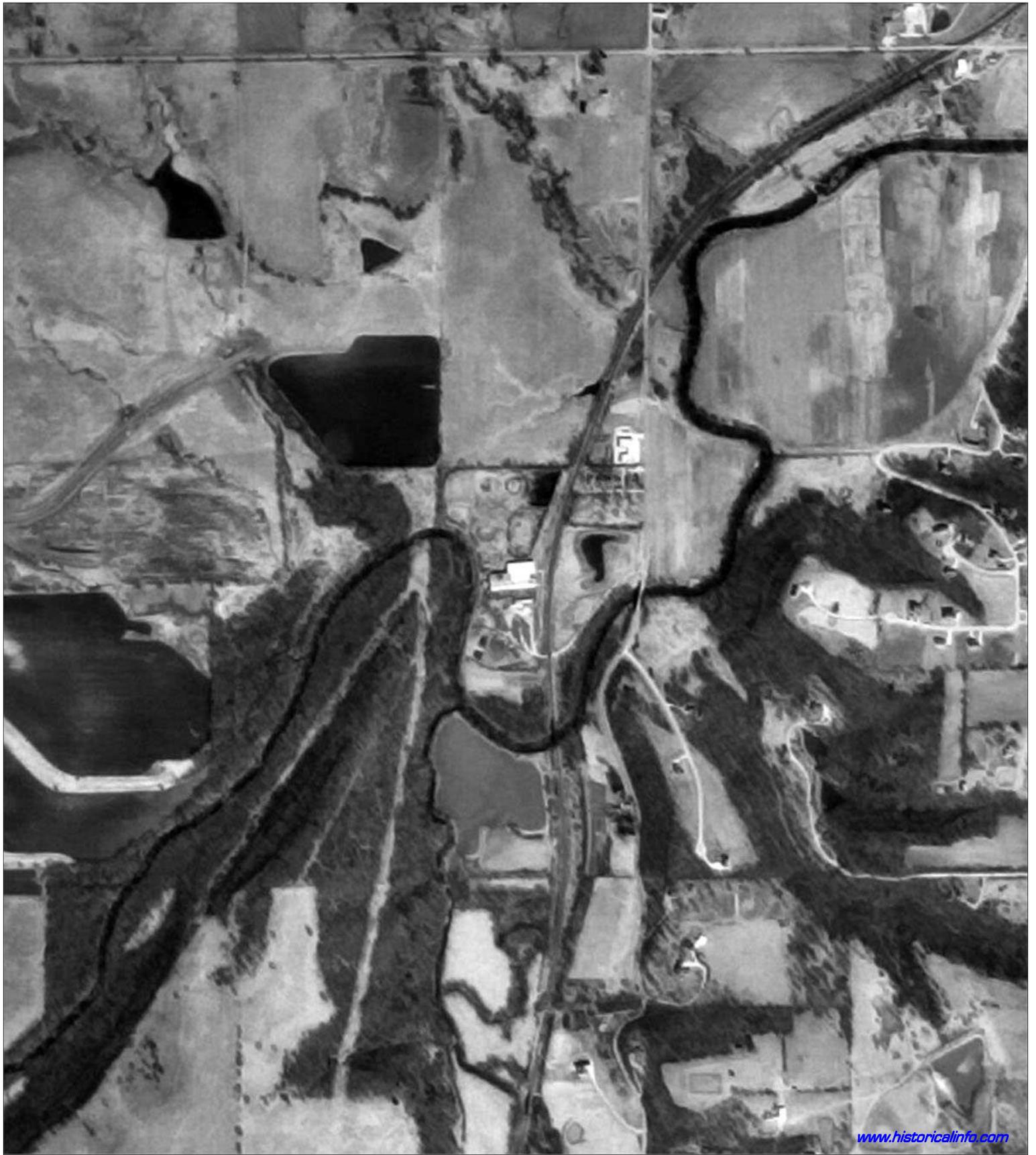
2002

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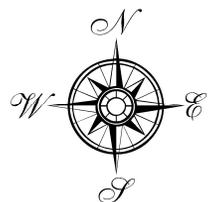
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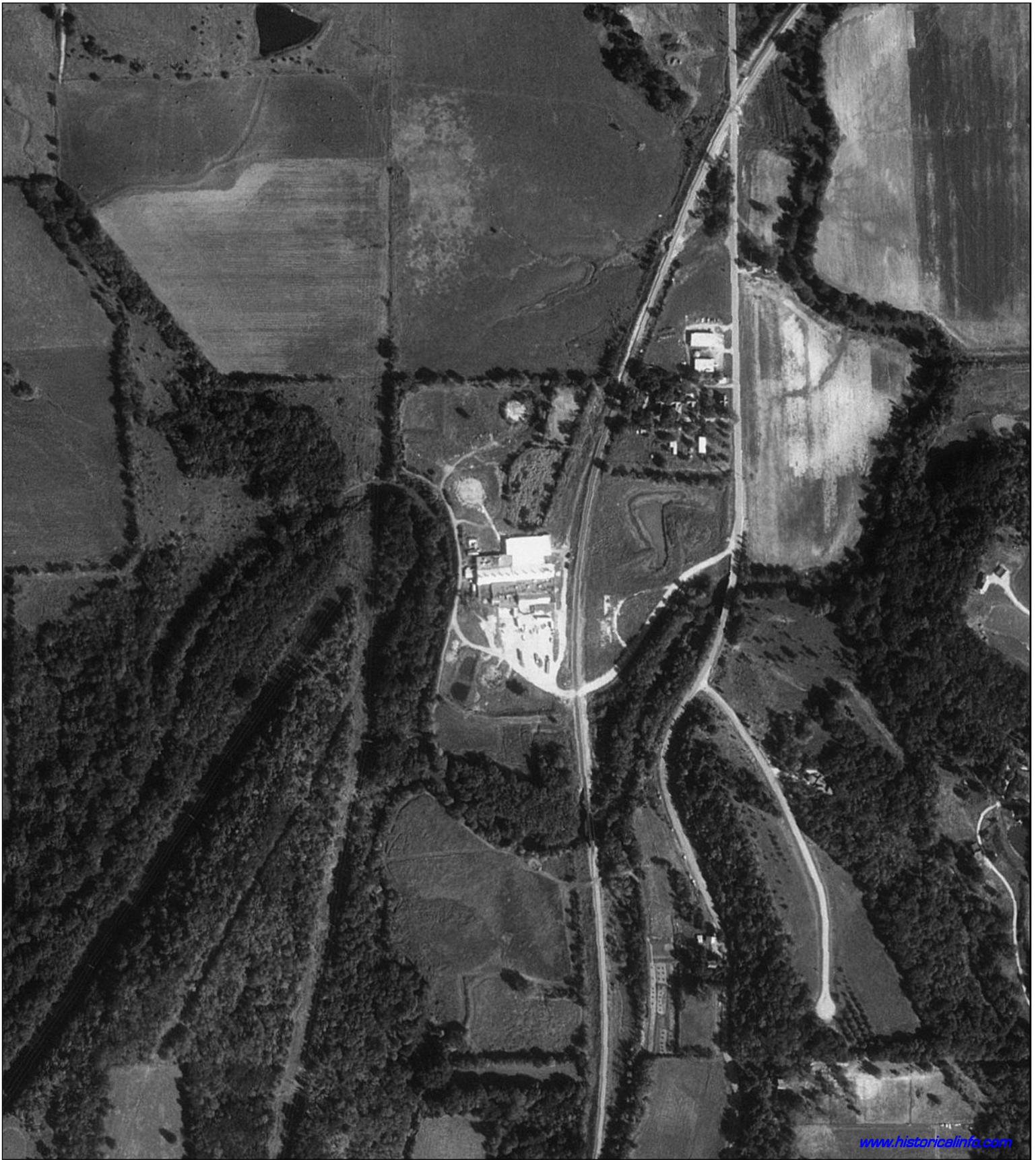
1996

HIG Project Number: MBB-4260

Client Project Number:

Approximate Scale 1:9600 (1"=800')





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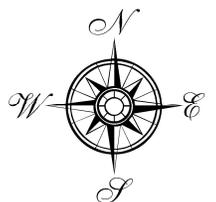
Kuhlman Diecasting Site
16442 Mission Road
Overland Park, KS

1991

HIG Project Number: MBB-4260

Client Project Number:

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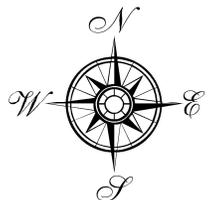
Kuhlman Diecasting Site
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1986

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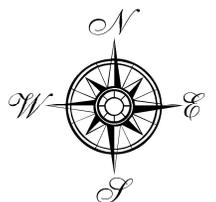
Kuhlman Diecasting Site
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Overland Park, KS

1982

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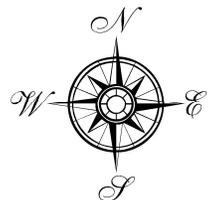
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16442 Mission Road
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1979

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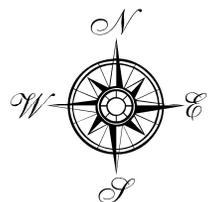
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1976

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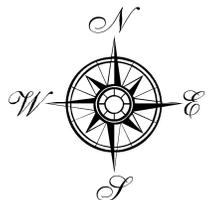
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16442 Mission Road
Overland Park, KS

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HIG Project Number: MBB-4260

Client Project Number:

Approximate Scale 1:9600 (1"=800')





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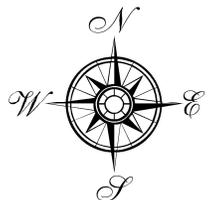
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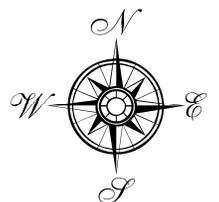
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1959

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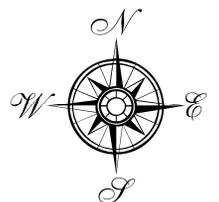
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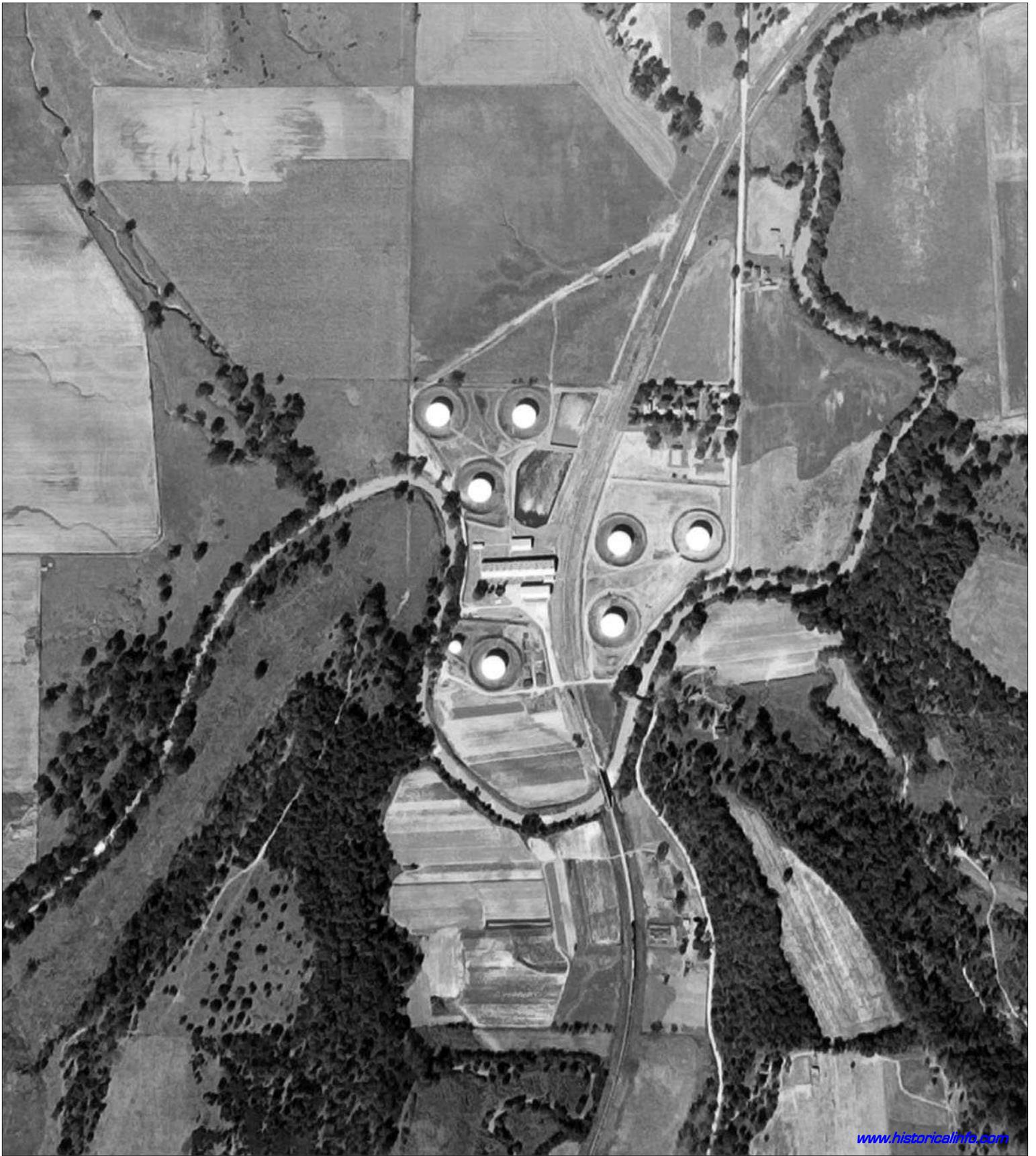
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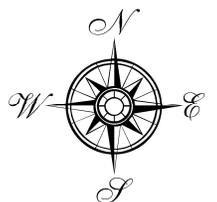
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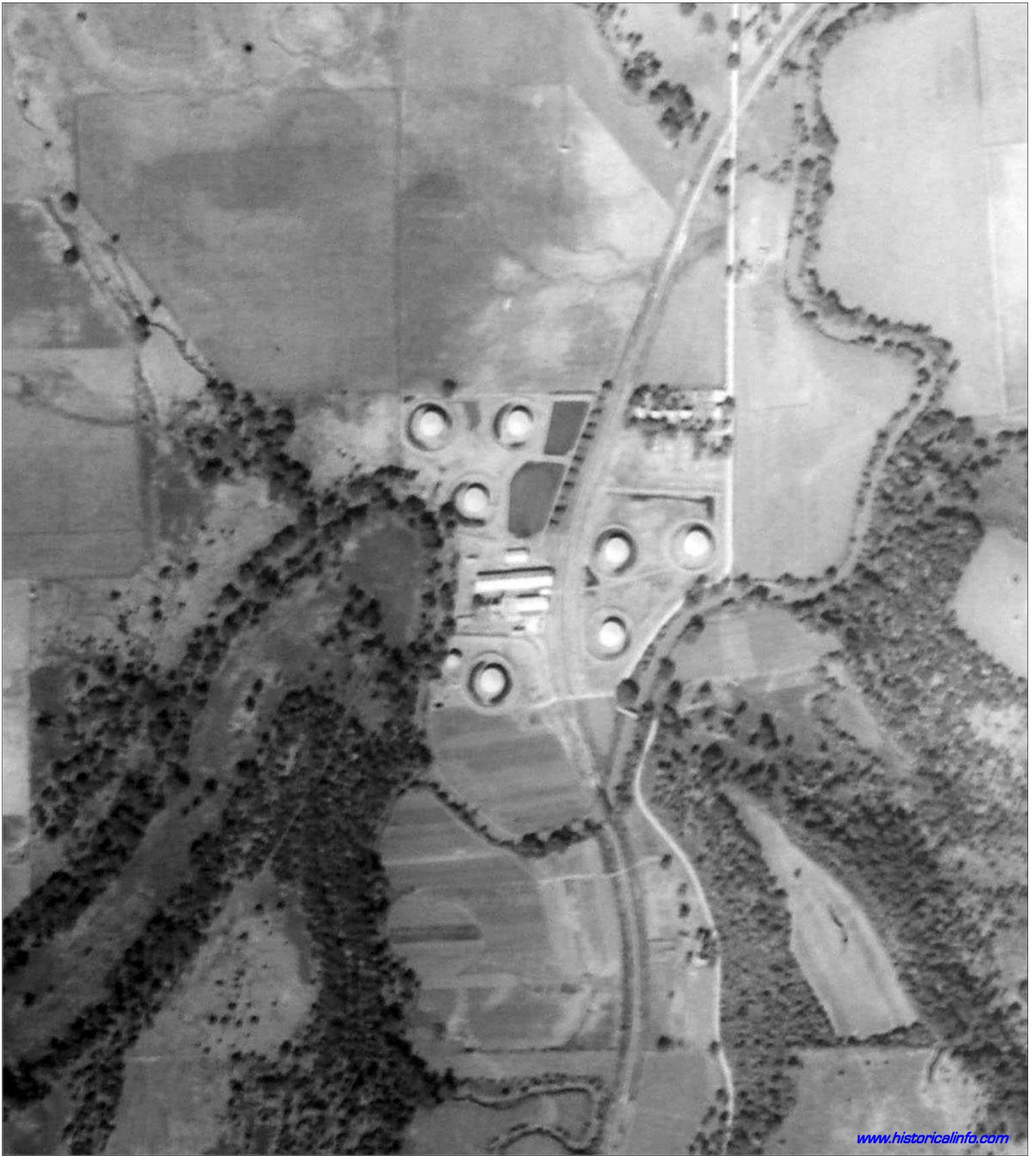
1948

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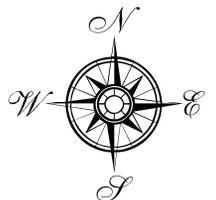
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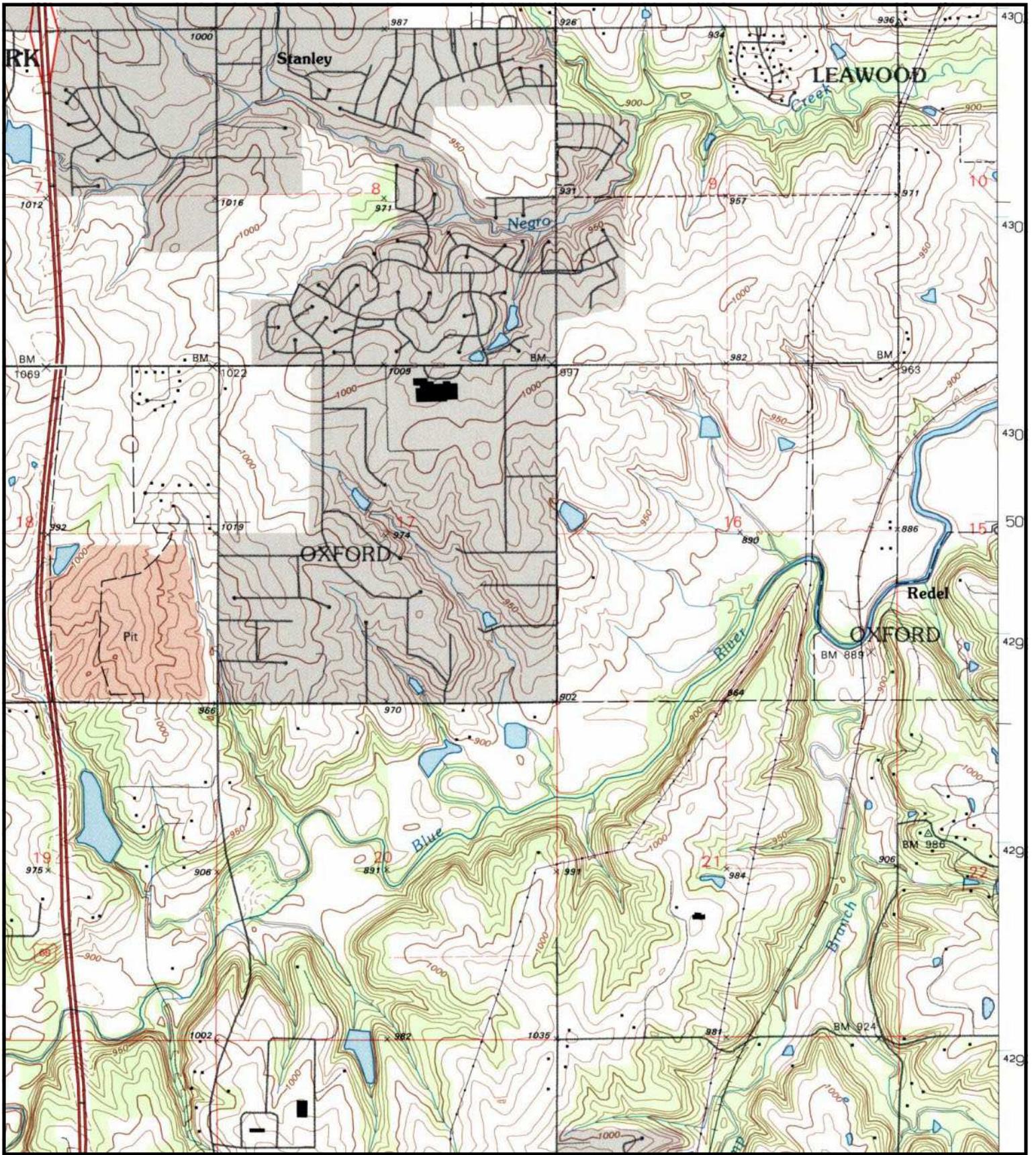
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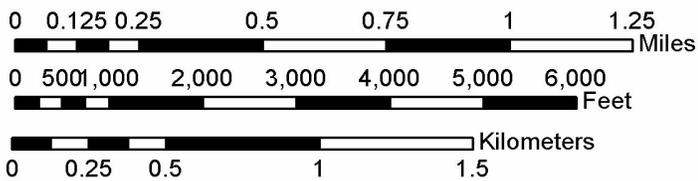
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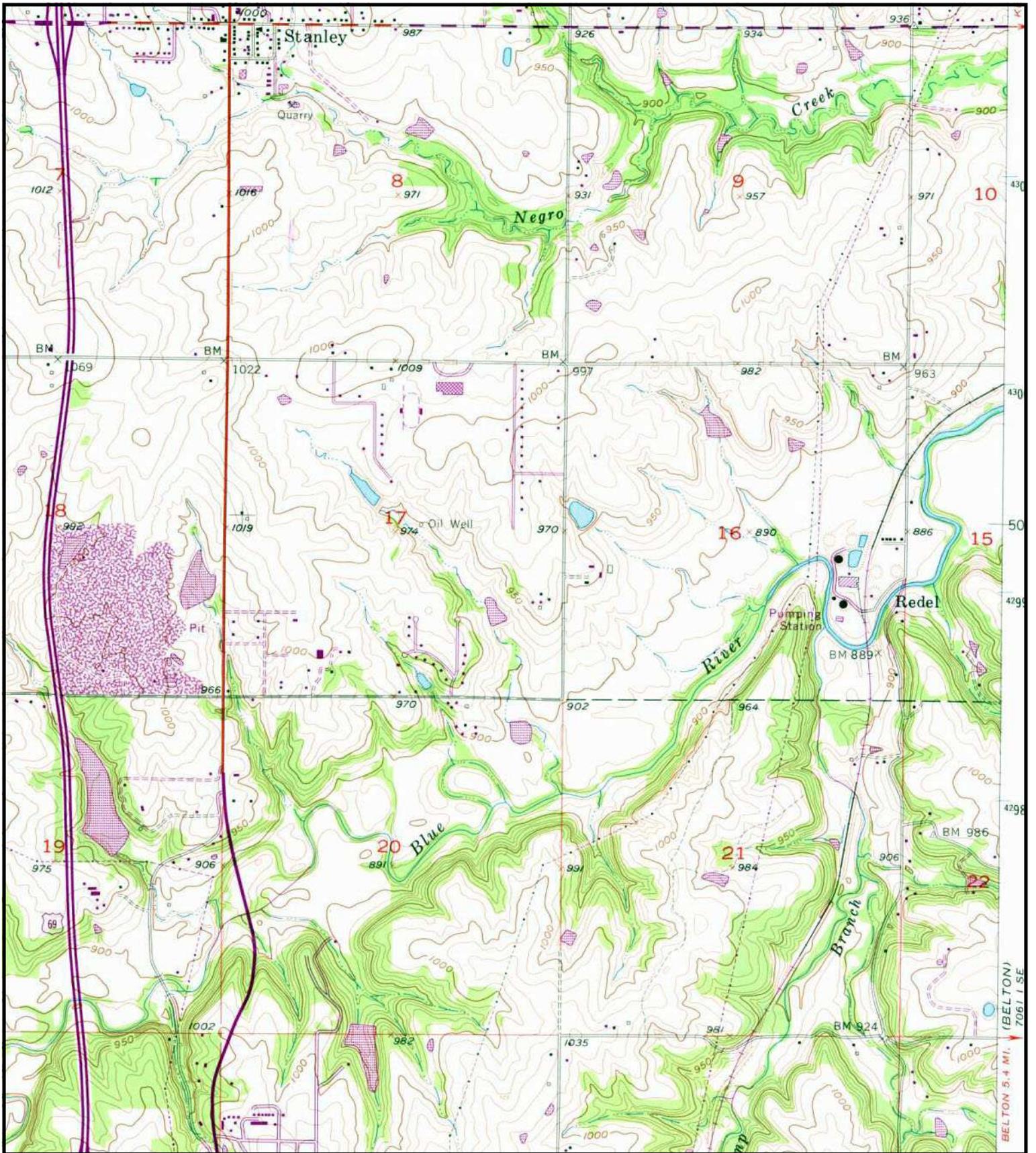




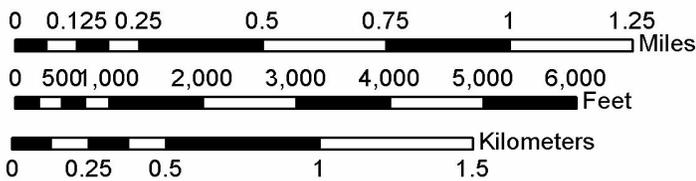
UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE SERIES TOPOGRAPHIC MAP 1:24,000 SCALE



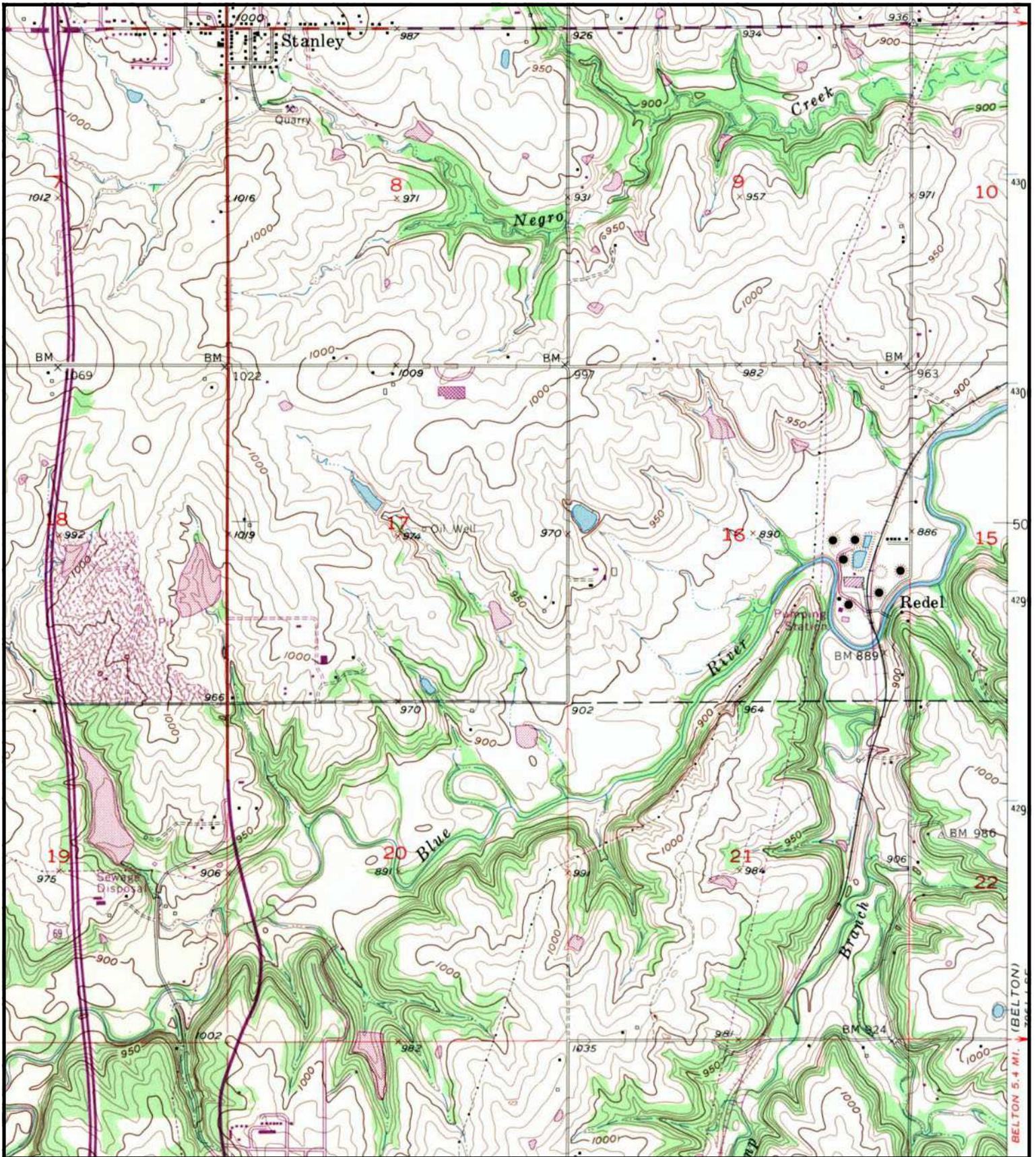
**STILLWELL, KANSAS
1991**



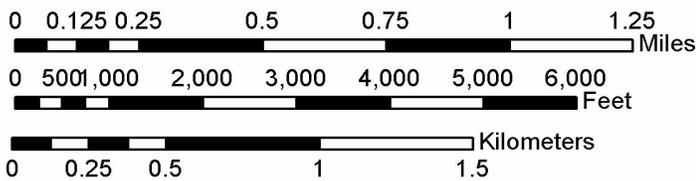
UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE SERIES TOPOGRAPHIC MAP 1:24,000 SCALE



**STILLWELL, KANSAS
1975**



UNITED STATES GEOLOGICAL SURVEY 7.5 MINUTE SERIES TOPOGRAPHIC MAP 1:24,000 SCALE



STILLWELL, KANSAS
1970

Kuhlman Diecasting

16442 Mission Road
Stilwell, KS 66085

Inquiry Number: 3160189.4
September 08, 2011

The EDR-City Directory Abstract

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SECTION

Executive Summary

Findings

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract 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 Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2011	Polk's City Directory	-	X	X	-
2006	Polk's City Directory	-	X	X	-
2001	Polk's City Directory	-	X	X	-
1996	Polk's City Directory	-	X	X	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

16442 Mission Road
Stilwell, KS 66085

FINDINGS DETAIL

Target Property research detail.

No Addresses Found

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

Mission Road

Mission Road

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2011	No other listings 16300- 16600 range Mission Rd	Polk's City Directory
2006	No other listings 16300- 16600 range Mission Rd	Polk's City Directory
2001	No other listings 16300- 16600 range Mission Rd	Polk's City Directory
1996	No other listings 16300- 16600 range Mission Rd	Polk's City Directory

16310 Mission Road

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2011	Residential	Polk's City Directory
2006	Residential	Polk's City Directory
2001	Deanna Liebl Signature Wedding	Polk's City Directory
1996	Residential	Polk's City Directory

16600 Mission Road

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2011	No current listings	Polk's City Directory
2006	Residential	Polk's City Directory

W 163rd St

W 163rd St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2011	No intersects could be determined	Polk's City Directory
2006	No intersects could be determined	Polk's City Directory
2001	No intersects could be determined	Polk's City Directory
1996	No intersects could be determined	Polk's City Directory

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

16442 Mission Road

Address Not Identified in Research Source

2011, 2006, 2001, 1996

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched

Mission Road

W 163rd St

16310 Mission Road

16600 Mission Road

Address Not Identified in Research Source

No Years Found

No Years Found

No Years Found

2001, 1996



Kuhlman Diecasting

16442 Mission Road
Stilwell, KS 66085

Inquiry Number: 3160189.3
September 02, 2011

Certified Sanborn® Map Report

Certified Sanborn® Map Report

9/02/11

Site Name:

Kuhlman Diecasting
16442 Mission Road
Stilwell, KS 66085

Client Name:

Seagull Env. Technologies
731 Limestone Dr
Prosper, TX 75078



EDR Inquiry # 3160189.3

Contact: Jeff Pritchard

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

Certified Sanborn Results:

Site Name: Kuhlman Diecasting
Address: 16442 Mission Road
City, State, Zip: Stilwell, KS 66085
Cross Street:
P.O. # NA
Project: NA
Certification # C58C-4285-A235



Sanborn® Library search results
Certification # C58C-4285-A235

UNMAPPED PROPERTY

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

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

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

The Sanborn Library LLC Since 1866™

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Appendix D– User-Provided Information

Submitted By:



Environment International Government Ltd.
5505 34th Ave. NE
Seattle, WA 98105
Phone: (206)525-3362 Fax: (206)525-0869
Gwen.Porus@eigov.us

User Name: Johnson County Government

Site Name: Kuhlman Diecasting Site

Date: October 18, 2011

Prepared by: Robert Ford (conducted during a phone conversation with Jeff Pritchard)

Title: Johnson County Government

(1) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law? **Yes, associated with past EPA cleanups conducted at the site.**

(2) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

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? **None known, but could be associated with past environmental investigations/cleanups.**

(3) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

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**

(4) Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29).

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

Price would likely be affected by the environmental history of the site, but Johnson County is not looking to purchase the property.

(5) Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30).

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*? Yes, oil storage and electroplating

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

(c.) Do you know of spills or other chemical releases that have taken place at the *property*? Just know of past EPA investigations and cleanups.

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

(6) The degree of obviousness of the presence of likely presence of contamination at the *property*, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

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*?

Yes, well documented

DRAFT – Phase I Environmental Site Assessment Report – Kuhlman Diecasting Site Stanley, Kansas



Appendix E– EDR Reports

Submitted By:



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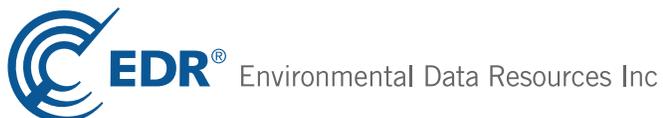
Kuhlman Diecasting

16442 Mission Road
Stilwell, KS 66085

Inquiry Number: 3160189.2s

September 02, 2011

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

16442 MISSION ROAD
STILWELL, KS 66085

COORDINATES

Latitude (North): 38.830700 - 38° 49' 50.5"
Longitude (West): 94.633500 - 94° 38' 0.6"
Universal Transverse Mercator: Zone 15
UTM X (Meters): 358208.1
UTM Y (Meters): 4299049.5
Elevation: 893 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 38094-G6 STILWELL, KS
Most Recent Revision: 1991

East Map: 38094-G5 BELTON, MO
Most Recent Revision: 1991

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2005, 2006, 2007, 2008
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 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

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

LUST..... Leaking Underground Storage Tank Data
LAST..... Leaking Aboveground Storage Tanks
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST..... Aboveground 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

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

BROWNFIELDS..... Identified Sites List

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
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
LUCIS..... Land Use Control Information System

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
MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
RADINFO..... Radiation Information Database
FINDS..... Facility Index System/Facility Registry System
RAATS..... RCRA Administrative Action Tracking System
UIC..... Underground Injection Wells Database Listing
DRYCLEANERS..... Registered Drycleaning Facilities
AIRS..... Title V Source Information

EXECUTIVE SUMMARY

TIER 2.....	Tier 2 Information Listing
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
COAL ASH.....	Coal Ash Disposal Site Listing
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
COAL ASH DOE.....	Sleam-Electric Plan Operation Data

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

CERC-NFRAP: 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.

A review of the CERC-NFRAP list, as provided by EDR, and dated 02/25/2011 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>KUHLMAN DIECASTING CO</i>	<i>164TH MISSION RD</i>	<i>ENE 1/8 - 1/4 (0.187 mi.)</i>	<i>1</i>	<i>7</i>

EXECUTIVE SUMMARY

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/09/2011 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KUHLMAN DIECASTING CO	164TH MISSION RD	ENE 1/8 - 1/4 (0.187 mi.)	1	7

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: 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.

A review of the RCRA-TSDF list, as provided by EDR, and dated 06/15/2011 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KUHLMAN DIECASTING CO	164TH MISSION RD	ENE 1/8 - 1/4 (0.187 mi.)	1	7

Federal institutional controls / engineering controls registries

US INST CONTROL: 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.

A review of the US INST CONTROL list, as provided by EDR, and dated 03/16/2011 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KUHLMAN DIECASTING CO	164TH MISSION RD	ENE 1/8 - 1/4 (0.187 mi.)	1	7

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 08/03/2011 has revealed that there are 5

EXECUTIVE SUMMARY

SHWS sites 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>
ENGELMANN PARCEL Facility Status: Resolved Facility Status: Resolved	159TH STREET AND MISSIO	NNE 1/2 - 1 (0.675 mi.)	2	28

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
KUHLMAN DIECASTING CO Facility Status: Transferred out of the bureau Facility Status: Transferred out of the bureau <i>*Additional key fields are available in the Map Findings section</i>	164TH MISSION RD	ENE 1/8 - 1/4 (0.187 mi.)	1	7
WILLIAMS - KENNETH MANIFOLD AR Facility Status: Active Facility Status: Active <i>*Additional key fields are available in the Map Findings section</i>	3419 W. 159TH STREET	NE 1/2 - 1 (0.845 mi.)	A3	30
WILLIAMS - KENNETH STATION Facility Status: Resolved Facility Status: Resolved <i>*Additional key fields are available in the Map Findings section</i>	3410 W 159TH STREET	NE 1/2 - 1 (0.850 mi.)	A4	33
WILLIAMS - KENNETH STATION RED Facility Status: Resolved Facility Status: Resolved <i>*Additional key fields are available in the Map Findings section</i>	3410 WEST 159TH STREET	NE 1/2 - 1 (0.852 mi.)	A5	37

State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, and dated 08/01/2011 has revealed that there is 1 UST 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>
KUHLMAN DIECASTING CO	164TH MISSION RD	ENE 1/8 - 1/4 (0.187 mi.)	1	7

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA-NonGen: 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 list, as provided by EDR, and dated 06/15/2011 has revealed that there is

EXECUTIVE SUMMARY

1 RCRA-NonGen 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>
<i>KUHLMAN DIECASTING CO</i>	<i>164TH MISSION RD</i>	<i>ENE 1/8 - 1/4 (0.187 mi.)</i>	<i>1</i>	<i>7</i>

EXECUTIVE SUMMARY

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

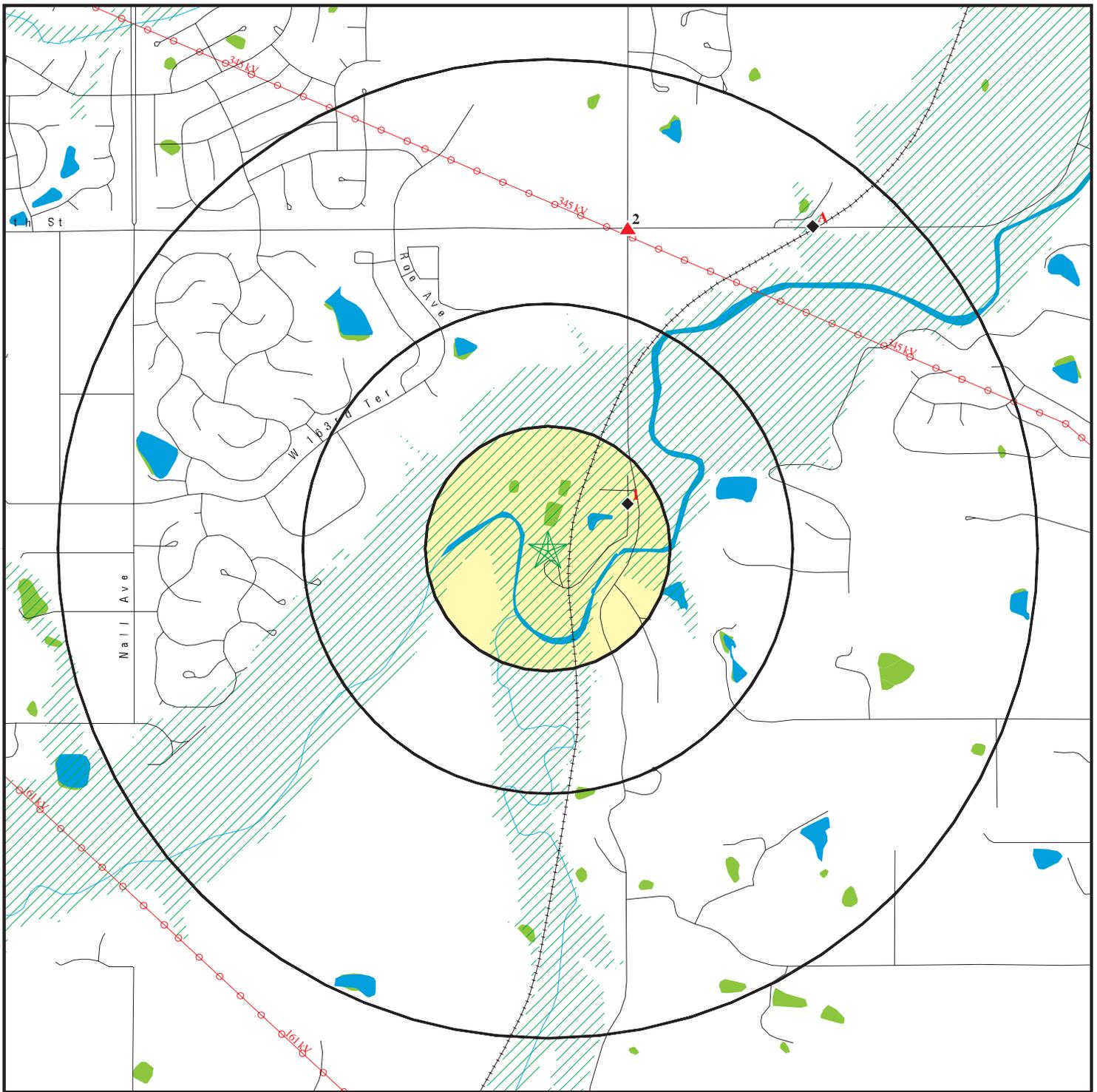
Site Name

CITY OF LEAWOOD/OXFORD SCHOOL

Database(s)

RCRA-NonGen

OVERVIEW MAP - 3160189.2s



★ 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

— Power transmission lines

— Oil & Gas pipelines from USGS

▨ 100-year flood zone

▨ 500-year flood zone

■ National Wetland Inventory

■ 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: Kuhlman Diecasting
 ADDRESS: 16442 Mission Road
 Stilwell KS 66085
 LAT/LONG: 38.8307 / 94.6335

CLIENT: Seagull Env. Technologies
 CONTACT: Jeff Pritchard
 INQUIRY #: 3160189.2s
 DATE: September 02, 2011 5:01 pm

DETAIL MAP - 3160189.2s



- ★ 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
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- 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: Kuhlman Diecasting
 ADDRESS: 16442 Mission Road
 Stilwell KS 66085
 LAT/LONG: 38.8307 / 94.6335

CLIENT: Seagull Env. Technologies
 CONTACT: Jeff Pritchard
 INQUIRY #: 3160189.2s
 DATE: September 02, 2011 5:01 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>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		1.000	0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP		0.500	0	1	0	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS		1.000	0	1	0	0	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF		0.500	0	1	0	NR	NR	1
<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	1	0	NR	NR	1
<i>Federal ERNS list</i>								
ERNS		TP	NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS		1.000	0	1	0	4	NR	5
<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	0	NR	NR	0
LAST		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST		0.250	0	1	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST		0.250	0	0	NR	NR	NR	0
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>								
INDIAN VCP		0.500	0	0	0	NR	NR	0
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>								
ODI		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		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
LUCIS		0.500	0	0	0	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		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
MINES		0.250	0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
UIC		TP	NR	NR	NR	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
TIER 2		TP	NR	NR	NR	NR	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
PCB TRANSFORMER		TP	NR	NR	NR	NR	NR	0
COAL ASH EPA		0.500	0	0	0	NR	NR	0
COAL ASH		0.500	0	0	0	NR	NR	0
FINANCIAL ASSURANCE		TP	NR	NR	NR	NR	NR	0
COAL ASH DOE		TP	NR	NR	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants		1.000	0	0	0	0	NR	0
-------------------------	--	-------	---	---	---	---	----	---

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

1
ENE
1/8-1/4
0.187 mi.
989 ft.

KUHLMAN DIECASTING CO
164TH MISSION RD
STANLEY, KS 66223

RCRA-TSDF
CERC-NFRAP
CORRACTS
RCRA-NonGen
US INST CONTROL
FINDS
RAATS
SHWS
UST

1000289837
KSD006325013

Relative:
Lower

Actual:
885 ft.

RCRA-TSDF:

Date form received by agency: 11/21/1991
 Facility name: KUHLMAN DIECASTING CO
 Facility address: 164TH & MISSION STANLEY, KS 66223
 EPA ID: KSD006325013
 Mailing address: PO BOX 23218 STANLEY, KS 66223
 Contact: Not reported
 Contact address: Not reported
 Contact country: Not reported
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 07
 Land type: Private
 Classification: TSDF
 Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: KUHLMAN DIECASTING CO
 Owner/operator address: PO BOX 23218 STANLEY, KS 66223
 Owner/operator country: Not reported
 Owner/operator telephone: (913) 681-2351
 Legal status: Private
 Owner/Operator Type: Operator
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported
 Owner/operator name: DAVID KUHLMAN
 Owner/operator address: PO BOX 23218 STANLEY, KS 66223
 Owner/operator country: Not reported
 Owner/operator telephone: (913) 681-2351
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Handler accessibility indicator: Transferred to the program or state equivalent.

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

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: 10/26/1990
Facility name: KUHLMAN DIECASTING CO
Classification: Not a generator, verified

Date form received by agency: 04/01/1990
Facility name: KUHLMAN DIECASTING CO
Site name: KUHLMAN DIECASTING COMPANY
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980
Facility name: KUHLMAN DIECASTING CO
Classification: Unverified

Hazardous Waste Summary:

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

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

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

Waste code: D007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Waste name: CHROMIUM

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F006

Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste code: F008

Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Corrective Action Summary:

Event date: 07/10/1988

Event: RFA Completed, Assessment was an RFA.

Event date: 01/10/1990

Event: CA772ID

Event date: 01/10/1990

Event: CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA.

Event date: 01/28/1992

Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Facility Has Received Notices of Violations:

Regulation violated: FR - 264.144 & 145

Area of violation: TSD - Financial Requirements

Date violation determined: 11/01/1993

Date achieved compliance: 11/01/1993

Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 11/01/1993

Enf. disposition status: Not reported

Enf. disp. status date: Not reported

Enforcement lead agency: State

Proposed penalty amount: 0

Final penalty amount: 0

Paid penalty amount: 0

Regulation violated: FR - 264.147

Area of violation: TSD - Financial Requirements

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Date violation determined: 11/01/1993
Date achieved compliance: 11/01/1993
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/01/1993
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 10/04/1990
Date achieved compliance: 08/07/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/04/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 08/10/1990
Date achieved compliance: 08/07/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/10/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 06/07/1990
Date achieved compliance: 08/07/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/07/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 02/01/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Date achieved compliance: 03/24/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/15/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/01/1989
Date achieved compliance: 03/24/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/15/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 01/19/1988
Date achieved compliance: 02/24/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/03/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 01/19/1988
Date achieved compliance: 02/24/1988
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: 0
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 265.91(a)(1), 265.92,
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 10/01/1986
Date achieved compliance: 11/01/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/27/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 0
Final penalty amount: 27000
Paid penalty amount: 27304

Regulation violated: FR - 40 CFR 265.143 & KAR 28-31-8
Area of violation: TSD - Financial Requirements
Date violation determined: 10/01/1986
Date achieved compliance: 11/01/1993
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/28/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 43450
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 265.147 & KAR 28-31-8
Area of violation: TSD - Financial Requirements
Date violation determined: 10/01/1986
Date achieved compliance: 11/01/1993
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/27/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 0
Final penalty amount: 27000
Paid penalty amount: 27304

Regulation violated: FR - 40 CFR 265.143 & KAR 28-31-8
Area of violation: TSD - Financial Requirements
Date violation determined: 10/01/1986
Date achieved compliance: 11/01/1993
Violation lead agency: EPA
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 10/27/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 0
Final penalty amount: 27000
Paid penalty amount: 27304

Regulation violated: FR - 40 CFR 265.147 & KAR 28-31-8
Area of violation: TSD - Financial Requirements
Date violation determined: 10/01/1986
Date achieved compliance: 11/01/1993
Violation lead agency: EPA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/28/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 43450
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 265.91(a)(1), 265.92,
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 10/01/1986
Date achieved compliance: 11/01/1993
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/28/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 43450
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 122/23(b)(1)
Area of violation: Generators - General
Date violation determined: 08/19/1982
Date achieved compliance: 02/22/1984
Violation lead agency: EPA
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 11/10/1983
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 0
Final penalty amount: 8500
Paid penalty amount: 8500

Regulation violated: FR - 40 CFR 265.17 & KAR 28-31-8
Area of violation: TSD - General Facility Standards
Date violation determined: 08/19/1982
Date achieved compliance: 02/22/1984
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/11/1982
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 25500
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 262.11 & KAR 28-31-4
Area of violation: Generators - General
Date violation determined: 08/19/1982
Date achieved compliance: 02/22/1984
Violation lead agency: EPA
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Enforcement action date: 11/10/1983
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 0
Final penalty amount: 8500
Paid penalty amount: 8500

Regulation violated: FR - 40 CFR 265.17 & KAR 28-31-8
Area of violation: TSD - General Facility Standards
Date violation determined: 08/19/1982
Date achieved compliance: 02/22/1984
Violation lead agency: EPA
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 11/10/1983
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 0
Final penalty amount: 8500
Paid penalty amount: 8500

Regulation violated: FR - 40 CFR 262.11 & KAR 28-31-4
Area of violation: Generators - General
Date violation determined: 08/19/1982
Date achieved compliance: 02/22/1984
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/11/1982
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 25500
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 265.173 & KAR 28-31-8
Area of violation: TSD - General Facility Standards
Date violation determined: 08/19/1982
Date achieved compliance: 02/22/1984
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/11/1982
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 25500
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 265.173 & KAR 28-31-8
Area of violation: TSD - General Facility Standards
Date violation determined: 08/19/1982
Date achieved compliance: 02/22/1984
Violation lead agency: EPA
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 11/10/1983

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 0
Final penalty amount: 8500
Paid penalty amount: 8500

Regulation violated: FR - 40 CFR 122/23(b)(1)
Area of violation: Generators - General
Date violation determined: 08/19/1982
Date achieved compliance: 02/22/1984
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/11/1982
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 25500
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR PART 122
Area of violation: Generators - General
Date violation determined: 05/06/1982
Date achieved compliance: 02/22/1984
Violation lead agency: EPA
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 11/10/1983
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 0
Final penalty amount: 8500
Paid penalty amount: 8500

Regulation violated: FR - 40 CFR PART 122
Area of violation: Generators - General
Date violation determined: 05/06/1982
Date achieved compliance: 02/22/1984
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/11/1982
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 25500
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 265.90 & KAR 28-31-8
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 05/06/1982
Date achieved compliance: 02/22/1984
Violation lead agency: EPA
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 11/10/1983
Enf. disposition status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 0
Final penalty amount: 8500
Paid penalty amount: 8500

Regulation violated: FR - 40 CFR 261.31
Area of violation: Generators - General
Date violation determined: 05/06/1982
Date achieved compliance: 02/22/1984
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/11/1982
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 25500
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 261.31
Area of violation: Generators - General
Date violation determined: 05/06/1982
Date achieved compliance: 02/22/1984
Violation lead agency: EPA
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 11/10/1983
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 0
Final penalty amount: 8500
Paid penalty amount: 8500

Regulation violated: FR - 40 CFR 265.90 & KAR 28-31-8
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 05/06/1982
Date achieved compliance: 02/22/1984
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/11/1982
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 25500
Final penalty amount: 0
Paid penalty amount: 0

Regulation violated: FR - 40 CFR 122/23(b)(2)
Area of violation: Generators - General
Date violation determined: 05/06/1982
Date achieved compliance: 02/22/1984
Violation lead agency: EPA
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR IMMINENT AND SUBSTANTIAL ENDANGERMENT
Enforcement action date: 11/10/1983
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Enforcement lead agency: EPA
Proposed penalty amount: 0
Final penalty amount: 8500
Paid penalty amount: 8500

Regulation violated: FR - 40 CFR 122/23(b)(2)
Area of violation: Generators - General
Date violation determined: 05/06/1982
Date achieved compliance: 02/22/1984
Violation lead agency: EPA
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 01/11/1982
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: 25500
Final penalty amount: 0
Paid penalty amount: 0

Evaluation Action Summary:

Evaluation date: 11/01/1993
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 06/23/1993
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 11/01/1993
Evaluation lead agency: State

Evaluation date: 02/27/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/04/1990
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - Financial Requirements
Date achieved compliance: 08/07/1991
Evaluation lead agency: State

Evaluation date: 08/10/1990
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - Financial Requirements
Date achieved compliance: 08/07/1991
Evaluation lead agency: State

Evaluation date: 06/07/1990
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - Financial Requirements
Date achieved compliance: 08/07/1991
Evaluation lead agency: State

Evaluation date: 04/23/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/20/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/24/1989
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/01/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 03/24/1989
Evaluation lead agency: State

Evaluation date: 02/01/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 03/24/1989
Evaluation lead agency: State

Evaluation date: 02/24/1988
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/19/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/24/1988
Evaluation lead agency: State

Evaluation date: 10/01/1986
Evaluation: GROUNDWATER MONITORING EVALUATION
Area of violation: TSD - Financial Requirements
Date achieved compliance: 11/01/1993
Evaluation lead agency: EPA

Evaluation date: 10/01/1986
Evaluation: GROUNDWATER MONITORING EVALUATION
Area of violation: TSD IS-Ground-Water Monitoring
Date achieved compliance: 11/01/1993
Evaluation lead agency: EPA

Evaluation date: 04/11/1984
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Evaluation lead agency: EPA

Evaluation date: 08/19/1982
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 08/19/1982
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/22/1984
Evaluation lead agency: EPA

Evaluation date: 08/19/1982
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Ground-Water Monitoring
Date achieved compliance: 02/22/1984
Evaluation lead agency: EPA

Evaluation date: 08/19/1982
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 02/22/1984
Evaluation lead agency: EPA

Evaluation date: 05/06/1982
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Ground-Water Monitoring
Date achieved compliance: 02/22/1984
Evaluation lead agency: EPA

Evaluation date: 05/06/1982
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/22/1984
Evaluation lead agency: EPA

CERC-NFRAP:

Site ID: 0702466
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Referred to Removal - NFRAP

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 13001109.00000
Person ID: 7271674.00000

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: Not reported
Date Completed: 04/23/1991
Priority Level: Not reported

Action: Notice Letters Issued
Date Started: Not reported
Date Completed: 04/25/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Priority Level: Not reported

Action: UNILATERAL ADMIN ORDER
Date Started: Not reported
Date Completed: 06/26/1991
Priority Level: Not reported

Action: NEGOTIATION (GENERIC)
Date Started: 04/25/1991
Date Completed: 06/26/1991
Priority Level: Not reported

Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started: 06/26/1991
Date Completed: 06/28/1991
Priority Level: Cleaned up

Action: REMOVAL ASSESSMENT
Date Started: 04/23/1991
Date Completed: 07/08/1991
Priority Level: Not reported

Action: Public Notice Published
Date Started: Not reported
Date Completed: 03/09/1992
Priority Level: Not reported

Action: REMOVAL
Date Started: 07/15/1991
Date Completed: 06/30/1992
Priority Level: Cleaned up

Action: REMOVAL ASSESSMENT
Date Started: 03/24/1994
Date Completed: 10/05/1995
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: 04/06/1995
Date Completed: 01/08/1996
Priority Level: Higher priority for further assessment

Action: SITE INSPECTION
Date Started: 04/06/1995
Date Completed: 01/08/1996
Priority Level: Referred to Removal, no further Rmdl Asmt

Action: REMOVAL
Date Started: 10/09/1996
Date Completed: 01/10/1997
Priority Level: Cleaned up

Action: ADMINISTRATIVE RECORDS
Date Started: 03/06/1992
Date Completed: 06/26/2007
Priority Level: Admin Record Compiled for a Removal Event

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 06/26/2007
Priority Level: Not reported

CORRACTS:

EPA ID: KSD006325013
EPA Region: 07
Area Name: ENTIRE FACILITY
Actual Date: 01/10/1990
Action: CA210SF - CA Responsibility Referred To A Non-RCRA Federal Authority, Corrective Action at the facility or area referred to CERCLA

NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: KSD006325013
EPA Region: 07
Area Name: ENTIRE FACILITY
Actual Date: 01/10/1990
Action: CA772ID
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: KSD006325013
EPA Region: 07
Area Name: ENTIRE FACILITY
Actual Date: 01/28/1992
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: KSD006325013
EPA Region: 07
Area Name: ENTIRE FACILITY
Actual Date: 07/10/1988
Action: CA050RF - RFA Completed, Assessment was an RFA
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

US INST CONTROL:

EPA ID: KSD006325013
Site ID: Not reported
Name: KUHLMAN DIECASTING CO
Action Name: Not reported
Address: 164TH & MISSION
STANLEY, KS 66223
EPA Region: 07
County: JOHNSON
Event Code: CA772ID
Inst. Control: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Actual Date: 10-JAN-90
Compleat. Date: Not reported
Operable Unit: Not reported
Contaminated Media : Not reported

FINDS:

Registry ID: 110002075646

Environmental Interest/Information System

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

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

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

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

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

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

SHWS:

Site ID: 892
Has Env Use Control: No
Project code: C404600030
PM Name: CARLSON, R.
Site Status: Transferred out of the bureau
District Office: NEDO
Lat/Long: 38.83103 / -94.63333
River Basin: Missouri
Aquifer Yield: Alluvial
Other Aquifers: Not reported
Parent PC: Not reported
Parent Name: Not reported
CERCLIS ID: KSD006325013
Discovery Date: 4/19/1991
Depth To GW: 0-10 feet
Depth To Bedrock: 0-10 feet
Aquifer Yield: 0-10 gpm
GW Flow Direction: S-SE
Acres Affected: 26-500 acres
Waste Present: No
Product Present: No
Program: Management Assistance (CERCLA Lead)
Lead Agency: BER - Assessment and Restoration
Contaminants: Heavy Metal
Media Act: Ground Water, Soil
Media Pot: Surface Water
Source: Lagoon/Impoundment
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: Off-Site Disposal
Remed Water: Not reported
Remedir: Not reported
Alias: Not reported
Eucan Number: Not reported
Date: Not reported
Activity Type: Removal Action Report
Activity Status: Completed
Activity Start Date: 6/22/1991
Activity End Date: 7/1/1991
Narrative: Former electroplating facility. Further assessment of the site being handled by EPA RCRA and KDHE/Bureau of Waste Management programs.

Site ID: 892
Has Env Use Control: No
Project code: C404600030

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

PM Name: CARLSON, R.
Site Status: Transferred out of the bureau
District Office: NEDO
Lat/Long: 38.83103 / -94.63333
River Basin: Missouri
Aquifer Yield: Alluvial
Other Aquifers: Not reported
Parent PC: Not reported
Parent Name: Not reported
CERCLIS ID: KSD006325013
Discovery Date: 4/19/1991
Depth To GW: 0-10 feet
Depth To Bedrock: 0-10 feet
Aquifer Yield: 0-10 gpm
GW Flow Direction: S-SE
Acres Affected: 26-500 acres
Waste Present: No
Product Present: No
Program: Management Assistance (CERCLA Lead)
Lead Agency: BER - Assessment and Restoration
Contaminants: Heavy Metal
Media Act: Ground Water, Soil
Media Pot: Surface Water
Source: Lagoon/Impoundment
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: Off-Site Disposal
Remed Water: Not reported
Remedir: Not reported
Alias: Not reported
Eucan Number: Not reported
Date: Not reported
Activity Type: Preliminary Assessment (PA)
Activity Status: Completed
Activity Start Date: Not reported
Activity End Date: 10/5/1995
Narrative: Former electroplating facility. Further assessment of the site being handled by EPA RCRA and KDHE/Bureau of Waste Management programs.

Site ID: 892
Has Env Use Control: No
Project code: C404600030
PM Name: CARLSON, R.
Site Status: Transferred out of the bureau
District Office: NEDO
Lat/Long: 38.83103 / -94.63333
River Basin: Missouri
Aquifer Yield: Alluvial
Other Aquifers: Not reported
Parent PC: Not reported
Parent Name: Not reported
CERCLIS ID: KSD006325013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Discovery Date: 4/19/1991
Depth To GW: 0-10 feet
Depth To Bedrock: 0-10 feet
Aquifer Yield: 0-10 gpm
GW Flow Direction: S-SE
Acres Affected: 26-500 acres
Waste Present: No
Product Present: No
Program: Management Assistance (CERCLA Lead)
Lead Agency: BER - Assessment and Restoration
Contaminants: Heavy Metal
Media Act: Ground Water, Soil
Media Pot: Surface Water
Source: Lagoon/Impoundment
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: Off-Site Disposal
Remed Water: Not reported
Remedir: Not reported
Alias: Not reported
Eucan Number: Not reported
Date: Not reported
Activity Type: Removal Action Memorandum
Activity Status: Completed
Activity Start Date: Not reported
Activity End Date: 9/12/1996
Narrative: Former electroplating facility. Further assessment of the site being handled by EPA RCRA and KDHE/Bureau of Waste Management programs.

Site ID: 892
Has Env Use Control: No
Project code: C404600030
PM Name: CARLSON, R.
Site Status: Transferred out of the bureau
District Office: NEDO
Lat/Long: 38.83103 / -94.63333
River Basin: Missouri
Aquifer Yield: Alluvial
Other Aquifers: Not reported
Parent PC: Not reported
Parent Name: Not reported
CERCLIS ID: KSD006325013
Discovery Date: 4/19/1991
Depth To GW: 0-10 feet
Depth To Bedrock: 0-10 feet
Aquifer Yield: 0-10 gpm
GW Flow Direction: S-SE
Acres Affected: 26-500 acres
Waste Present: No
Product Present: No
Program: Management Assistance (CERCLA Lead)
Lead Agency: BER - Assessment and Restoration

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Contaminants: Heavy Metal
Media Act: Ground Water, Soil
Media Pot: Surface Water
Source: Lagoon/Impoundment
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: Off-Site Disposal
Remed Water: Not reported
Remedir: Not reported
Alias: Not reported
Eucan Number: Not reported
Date: Not reported
Activity Type: Transfer Out of Bureau
Activity Status: Completed
Activity Start Date: Not reported
Activity End Date: 6/28/2004
Narrative: Former electroplating facility. Further assessment of the site being handled by EPA RCRA and KDHE/Bureau of Waste Management programs.

UST:

Facility ID: 23647
Facility Phone: 913-681-2351
Facility 911 Address: 164TH AND MISSION ROAD
Facility 911 City, State, Zip: STANLEY, KS 66223
Facility District: NE
Facility Location Method: Not reported
Facility Lat/Long: /
Facility Feature: Not reported
Facility Datum: Not reported
Phone 24 Hours: 913-681-2351
Contact: Duane Kiewitt
Contact Title: Chemical Engineer
Owner ID: 23647
Owner: KUHLMAN DIECASTING CO
Owner Type: Private Or Corp.
Owner/Rep Name: Duane Kiewitt
Owner/Rep Title: Chemical Engr
Owner Tel: 913-681-2351
Owner Address: 164TH & MISSION RD PO BOX 2321
Owner City, State, Zip: STANLEY, KS 66223
Owner County: JOHNSON

Tank ID: 001
Tank Type: U
Tank Status: Permanently Out Of Use
Hazards: Not reported
Petroleum Substance: Empty
NonPetroleum Substance: Not reported
Estimated Yr In Service: 1963
Date Removed: Not reported
Last Permit Printed: Not reported
Current Permit Printed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Material of Construction: Steel
Piping: Unknown
Tank Internal Protection: Unknown
Tank External Protection: Unknown
Out of Service Mo/Yr: Not reported
QTY Remaining in Tank: Not reported
Filled/Removed: Removed
Tank Empty: Not reported

Tank ID: 002
Tank Type: U
Tank Status: Permanently Out Of Use
Hazards: Not reported

Petroleum Substance: Empty
NonPetroleum Substance: Not reported
Estimated Yr In Service: 1949
Date Removed: 1998-08-03 00:00:00
Last Permit Printed: Not reported
Current Permit Printed: Not reported
Material of Construction: Steel
Piping: Unknown
Tank Internal Protection: Unknown
Tank External Protection: Unknown
Out of Service Mo/Yr: Not reported
QTY Remaining in Tank: 0
Filled/Removed: Removed
Tank Empty: Not reported

Tank ID: 003
Tank Type: U
Tank Status: Permanently Out Of Use
Hazards: Not reported

Petroleum Substance: Empty
NonPetroleum Substance: Not reported
Estimated Yr In Service: 1949
Date Removed: 1998-08-03 00:00:00
Last Permit Printed: Not reported
Current Permit Printed: Not reported
Material of Construction: Steel
Piping: Unknown
Tank Internal Protection: Unknown
Tank External Protection: Unknown
Out of Service Mo/Yr: Not reported
QTY Remaining in Tank: 0
Filled/Removed: Removed
Tank Empty: Not reported

Tank ID: 004
Tank Type: U
Tank Status: Permanently Out Of Use
Hazards: Not reported

Petroleum Substance: Empty
NonPetroleum Substance: Not reported
Estimated Yr In Service: 1949

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

KUHLMAN DIECASTING CO (Continued)

1000289837

Date Removed: Not reported
Last Permit Printed: Not reported
Current Permit Printed: Not reported
Material of Construction: Steel
Piping: Unknown
Tank Internal Protection: Unknown
Tank External Protection: Unknown
Out of Service Mo/Yr: Not reported
QTY Remaining in Tank: Not reported
Filled/Removed: Removed
Tank Empty: Not reported

2
NNE
1/2-1
0.675 mi.
3566 ft.

ENGELMANN PARCEL
159TH STREET AND MISSION ROAD
OVERLAND PARK, KS

SHWS S107032689
VCP N/A

Relative:
Higher

SHWS:

Actual:
956 ft.

Site ID: 1980
Has Env Use Control: No
Project code: C404672038
PM Name: BAIN, B.
Site Status: Resolved
District Office: NEDO
Lat/Long: 38.83991 / -94.62441
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: 1/24/2005
Depth To GW: 0-10 feet
Depth To Bedrock: Not reported
Aquifer Yield: Not reported
GW Flow Direction: SE
Acres Affected: <5 acres
Waste Present: No
Product Present: No
Program: Voluntary Cleanup
Lead Agency: BER - Remedial
Contaminants: Refined Petroleum
Media Act: Ground Water
Media Pot: Not reported
Source: Aboveground Tank, Pipeline Leak
Land Use: Agricultural
Private well: Monitoring
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENGELMANN PARCEL (Continued)

S107032689

Date: Not reported
Activity Type: Voluntary Agreement
Activity Status: Completed
Activity Start Date: Not reported
Activity End Date: 10/10/2005
Narrative: On October 10, 2005, a Voluntary Agreement was executed between KDHE and the Engelmann Trust to further evaluate the environmental condition of the property. It appears that existing contamination at this property originated off-site. This property is down-gradient of the Williams Kenneth Station Manifold VCPRP site. Investigations are continuing to determine the contamination source(s). On January 24, 2005 monitoring well #10 (MW-10) was installed. Data indicates TPH-GRO and TPH-DRO exceeds regulatory limits in groundwater. Additional investigation is needed.

Site ID: 1980
Has Env Use Control: No
Project code: C404672038
PM Name: BAIN, B.
Site Status: Resolved
District Office: NEDO
Lat/Long: 38.83991 / -94.62441
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: 1/24/2005
Depth To GW: 0-10 feet
Depth To Bedrock: Not reported
Aquifer Yield: Not reported
GW Flow Direction: SE
Acres Affected: <5 acres
Waste Present: No
Product Present: No
Program: Voluntary Cleanup
Lead Agency: BER - Remedial
Contaminants: Refined Petroleum
Media Act: Ground Water
Media Pot: Not reported
Source: Aboveground Tank, Pipeline Leak
Land Use: Agricultural
Private well: Monitoring
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: No Further Action (NFA) Letter Issued
Activity Status: Completed

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ENGELMANN PARCEL (Continued)

S107032689

Activity Start Date: Not reported
 Activity End Date: 10/30/2009
 Narrative: On October 10, 2005, a Voluntary Agreement was executed between KDHE and the Engelmann Trust to further evaluate the environmental condition of the property. It appears that existing contamination at this property originated off-site. This property is down-gradient of the Williams Kenneth Station Manifold VCPRP site. Investigations are continuing to determine the contamination source(s). On January 24, 2005 monitoring well #10 (MW-10) was installed. Data indicates TPH-GRO and TPH-DRO exceeds regulatory limits in groundwater. Additional investigation is needed.

VCP:
 Site ID: 1980
 Project code: C404672038
 PM Name: BAIN, B.
Site Status: Resolved
 Program: Voluntary Cleanup

**A3
 NE
 1/2-1
 0.845 mi.
 4462 ft.**

**WILLIAMS - KENNETH MANIFOLD AREA
 3419 W. 159TH STREET
 OVERLAND PARK, KS
 Site 1 of 3 in cluster A**

**SHWS S106517518
 VCP N/A**

**Relative:
 Lower**

SHWS:
 Site ID: 1055
 Has Env Use Control: No
 Project code: C404671758
 PM Name: BAIN, B.
Site Status: Active
 District Office: NEDO
 Lat/Long: 38.840637 / -94.624208
 River Basin: Marais des Cygnes
 Aquifer Yield: Unknown
 Other Aquifers: Not reported
 Parent PC: C404670934
 Parent Name: WILLIAMS - KENNETH STATION
 CERCLIS ID: Not reported
 Discovery Date: 11/7/2002
 Depth To GW: 11-20 feet
 Depth To Bedrock: 21-30 feet
 Aquifer Yield: 0-10 gpm
 GW Flow Direction: SE
 Acres Affected: 5-25 acres
 Waste Present: No
 Product Present: No
 Program: Voluntary Cleanup
 Lead Agency: BER - Remedial
 Contaminants: Refined Petroleum
 Media Act: Ground Water, Soil
 Media Pot: Not reported
 Source: Facility Operations, Underground Tank/Piping
 Land Use: Industrial
 Private well: Monitoring
 Waste Present: Not reported
 Product: Not reported

**Actual:
 885 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAMS - KENNETH MANIFOLD AREA (Continued)

S106517518

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: Voluntary Agreement
Activity Status: Completed
Activity Start Date: Not reported
Activity End Date: 4/1/2003

Narrative: The Williams--Kenneth Manifold Area was originally part of the Williams--Kenneth Station property (C4-046-70934). The Manifold Area was split out from the original site so that the original site could achieve closure while the contaminated Manifold Area was monitored/remediated in the VCPRP. The subject property still needs some additional investigation and Williams is currently trying to gain access to an adjacent property to complete said investigation. On January 24, 2005 one monitoring well (MW-10) was installed south of 159th Street, down-gradient of the former manifold area. This area south of 159th Street is now a separate VCPRP site called Engelmann Parcel. VCI work plan for additional investigation was submitted February 1, 2006 and KDHE sent a comment letter on February 3, 2006. VCI was completed in August 2009. A interim remedial pilot test (in-situ soil mixing and ORC) was conducted during the summer of 2010. Sampling data results indicated the in-situ soil mixing were inconclusive. KDHE determined additional remediation is required.

Site ID: 1055
Has Env Use Control: No
Project code: C404671758
PM Name: BAIN, B.
Site Status: Active
District Office: NEDO
Lat/Long: 38.840637 / -94.624208
River Basin: Marais des Cygnes
Aquifer Yield: Unknown
Other Aquifers: Not reported
Parent PC: C404670934
Parent Name: WILLIAMS - KENNETH STATION
CERCLIS ID: Not reported
Discovery Date: 11/7/2002
Depth To GW: 11-20 feet
Depth To Bedrock: 21-30 feet
Aquifer Yield: 0-10 gpm
GW Flow Direction: SE
Acres Affected: 5-25 acres
Waste Present: No
Product Present: No
Program: Voluntary Cleanup
Lead Agency: BER - Remedial
Contaminants: Refined Petroleum
Media Act: Ground Water, Soil
Media Pot: Not reported
Source: Facility Operations, Underground Tank/Piping

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAMS - KENNETH MANIFOLD AREA (Continued)

S106517518

Land Use: Industrial
Private well: Monitoring
Waste Present: Not reported
Product: Not reported
Receptor Act: Not reported
Receptor Pot: Not reported
Remed Air: Not reported
Remed Soil: Not reported
Remed Water: Not reported
Remedir: Not reported
Alias: Not reported
Eucan Number: Not reported
Date: Not reported
Activity Type: Voluntary Cleanup Investigation (VCI)
Activity Status: Completed
Activity Start Date: 2/1/2006
Activity End Date: 8/5/2009
Narrative: The Williams--Kenneth Manifold Area was originally part of the Williams--Kenneth Station property (C4-046-70934). The Manifold Area was split out from the original site so that the original site could achieve closure while the contaminated Manifold Area was monitored/remediated in the VCPRP. The subject property still needs some additional investigation and Williams is currently trying to gain access to an adjacent property to complete said investigation. On January 24, 2005 one monitoring well (MW-10) was installed south of 159th Street, down-gradient of the former manifold area. This area south of 159th Street is now a separate VCPRP site called Engelmann Parcel. VCI work plan for additional investigation was submitted February 1, 2006 and KDHE sent a comment letter on February 3, 2006. VCI was completed in August 2009. A interim remedial pilot test (in-situ soil mixing and ORC) was conducted during the summer of 2010. Sampling data results indicated the in-situ soil mixing were inconclusive. KDHE determined additional remediation is required.

Site ID: 1055
Has Env Use Control: No
Project code: C404671758
PM Name: BAIN, B.
Site Status: Active
District Office: NEDO
Lat/Long: 38.840637 / -94.624208
River Basin: Marais des Cygnes
Aquifer Yield: Unknown
Other Aquifers: Not reported
Parent PC: C404670934
Parent Name: WILLIAMS - KENNETH STATION
CERCLIS ID: Not reported
Discovery Date: 11/7/2002
Depth To GW: 11-20 feet
Depth To Bedrock: 21-30 feet
Aquifer Yield: 0-10 gpm
GW Flow Direction: SE
Acres Affected: 5-25 acres
Waste Present: No
Product Present: No
Program: Voluntary Cleanup
Lead Agency: BER - Remedial

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WILLIAMS - KENNETH MANIFOLD AREA (Continued)

S106517518

Contaminants: Media Act: Media Pot: Source: Land Use: Private well: Waste Present: Product: Receptor Act: Receptor Pot: Remed Air: Remed Soil: Remed Water: Remedir: Alias: Eucan Number: Date: Activity Type: Activity Status: Activity Start Date: Activity End Date: Narrative:	Refined Petroleum Ground Water, Soil Not reported Facility Operations, Underground Tank/Piping Industrial Monitoring Not reported Not reported Voluntary Cleanup Proposal Proposed Not reported Not reported <p>The Williams--Kenneth Manifold Area was originally part of the Williams--Kenneth Station property (C4-046-70934). The Manifold Area was split out from the original site so that the original site could achieve closure while the contaminated Manifold Area was monitored/remediated in the VCPRP. The subject property still needs some additional investigation and Williams is currently trying to gain access to an adjacent property to complete said investigation. On January 24, 2005 one monitoring well (MW-10) was installed south of 159th Street, down-gradient of the former manifold area. This area south of 159th Street is now a separate VCPRP site called Engelman Parcel. VCI work plan for additional investigation was submitted February 1, 2006 and KDHE sent a comment letter on February 3, 2006. VCI was completed in August 2009. A interim remedial pilot test (in-situ soil mixing and ORC) was conducted during the summer of 2010. Sampling data results indicated the in-situ soil mixing were inconclusive. KDHE determined additional remediation is required.</p>
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VCP:
 Site ID: 1055
 Project code: C404671758
 PM Name: BAIN, B.
Site Status: Active
 Program: Voluntary Cleanup

A4
NE
1/2-1
0.850 mi.
4489 ft.

WILLIAMS - KENNETH STATION
3410 W 159TH STREET
KENNETH, KS
Site 2 of 3 in cluster A

SHWS S105074743
VCP N/A

Relative:
Lower

SHWS:
 Site ID: 921
 Has Env Use Control: No
 Project code: C404670934
 PM Name: BAIN, B.
Site Status: Resolved

Actual:
883 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAMS - KENNETH STATION (Continued)

S105074743

District Office: NEDO
Lat/Long: 38.84522 / -94.62283
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: 1/28/1999
Depth To GW: 11-20 feet
Depth To Bedrock: 21-30 feet
Aquifer Yield: 0-10 gpm
GW Flow Direction: SE
Acres Affected: 26-500 acres
Waste Present: No
Product Present: No
Program: Voluntary Cleanup
Lead Agency: BER - Remedial
Contaminants: Refined Petroleum, SVOC, VOC
Media Act: Soil
Media Pot: Not reported
Source: Aboveground Tank, Underground Tank/Piping
Land Use: 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: Voluntary Agreement
Activity Status: Completed
Activity Start Date: Not reported
Activity End Date: 2/23/1999
Narrative: The Williams Kenneth Station property has been divided into two different sites, the Manifold area and the Tank Farm. The Tank Farm portion of the property will retain the original site name of "Kenneth Station" while a new site with a separate project code will be called "Kenneth Station-Manifold Area." The subject property entered into the VCPRP to address petroleum contamination. The tank farm has been demolished and the ground has been leveled. A small amount of soil was excavated from the tank farm and then land-farmed on the manifold area. Several rounds of investigation have determined that no contaminants exist in soil or groundwater above KDHE Tier-2 standards and the property has therefore been given a No Further Action determination. A deed notice was included with NFA package which warns potential buyers/owners of the property that the residual petroleum contamination in soil has the potential to cause indoor air quality issues for any buildings constructed there in the future. On October 26, 2006, Williams requested in writing for KDHE to remove the deed notice. KDHE agreed to the request with the understanding that the potential exists that an isolated area of soil impact could

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAMS - KENNETH STATION (Continued)

S105074743

be encountered during future development. If contamination is detected, the appropriate reporting should be conducted and action should be taken to remove any residual impact during the development process.

Site ID: 921
Has Env Use Control: No
Project code: C404670934
PM Name: BAIN, B.
Site Status: Resolved
District Office: NEDO
Lat/Long: 38.84522 / -94.62283
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: 1/28/1999
Depth To GW: 11-20 feet
Depth To Bedrock: 21-30 feet
Aquifer Yield: 0-10 gpm
GW Flow Direction: SE
Acres Affected: 26-500 acres
Waste Present: No
Product Present: No
Program: Voluntary Cleanup
Lead Agency: BER - Remedial
Contaminants: Refined Petroleum, SVOC, VOC
Media Act: Soil
Media Pot: Not reported
Source: Aboveground Tank, Underground Tank/Piping
Land Use: 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: Voluntary Cleanup Investigation (VCI)
Activity Status: Completed
Activity Start Date: 2/11/1999
Activity End Date: 4/2/2003
Narrative: The Williams Kenneth Station property has been divided into two different sites, the Manifold area and the Tank Farm. The Tank Farm portion of the property will retain the original site name of "Kenneth Station" while a new site with a separate project code will be called "Kenneth Station-Manifold Area." The subject property entered into the VCPRP to address petroleum contamination. The tank farm has been demolished and the ground has been leveled. A small amount of soil was excavated from the tank farm and then land-farmed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAMS - KENNETH STATION (Continued)

S105074743

on the manifold area. Several rounds of investigation have determined that no contaminants exist in soil or groundwater above KDHE Tier-2 standards and the property has therefore been given a No Further Action determination. A deed notice was included with NFA package which warns potential buyers/owners of the property that the residual petroleum contamination in soil has the potential to cause indoor air quality issues for any buildings constructed there in the future. On October 26, 2006, Williams requested in writing for KDHE to remove the deed notice. KDHE agreed to the request with the understanding that the potential exists that an isolated area of soil impact could be encountered during future development. If contamination is detected, the appropriate reporting should be conducted and action should be taken to remove any residual impact during the development process.

Site ID: 921
Has Env Use Control: No
Project code: C404670934
PM Name: BAIN, B.
Site Status: Resolved
District Office: NEDO
Lat/Long: 38.84522 / -94.62283
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: 1/28/1999
Depth To GW: 11-20 feet
Depth To Bedrock: 21-30 feet
Aquifer Yield: 0-10 gpm
GW Flow Direction: SE
Acres Affected: 26-500 acres
Waste Present: No
Product Present: No
Program: Voluntary Cleanup
Lead Agency: BER - Remedial
Contaminants: Refined Petroleum, SVOC, VOC
Media Act: Soil
Media Pot: Not reported
Source: Aboveground Tank, Underground Tank/Piping
Land Use: 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
Eucon Number: Not reported
Date: Not reported
Activity Type: No Further Action (NFA) Letter Issued
Activity Status: Completed

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WILLIAMS - KENNETH STATION (Continued)

S105074743

Activity Start Date: Not reported
 Activity End Date: 8/8/2003
 Narrative: The Williams Kenneth Station property has been divided into two different sites, the Manifold area and the Tank Farm. The Tank Farm portion of the property will retain the original site name of "Kenneth Station" while a new site with a separate project code will be called "Kenneth Station-Manifold Area." The subject property entered into the VCPRP to address petroleum contamination. The tank farm has been demolished and the ground has been leveled. A small amount of soil was excavated from the tank farm and then land-farmed on the manifold area. Several rounds of investigation have determined that no contaminants exist in soil or groundwater above KDHE Tier-2 standards and the property has therefore been given a No Further Action determination. A deed notice was included with NFA package which warns potential buyers/owners of the property that the residual petroleum contamination in soil has the potential to cause indoor air quality issues for any buildings constructed there in the future. On October 26, 2006, Williams requested in writing for KDHE to remove the deed notice. KDHE agreed to the request with the understanding that the potential exists that an isolated area of soil impact could be encountered during future development. If contamination is detected, the appropriate reporting should be conducted and action should be taken to remove any residual impact during the development process.

VCP:
 Site ID: 921
 Project code: C404670934
 PM Name: BAIN, B.
Site Status: Resolved
 Program: Voluntary Cleanup

A5
 NE
 1/2-1
 0.852 mi.
 4500 ft.

WILLIAMS - KENNETH STATION REDEVELOPMENT
3410 WEST 159TH STREET
KENNETH, KS 66224
Site 3 of 3 in cluster A

SHWS S107556451
VCP N/A

Relative:
Lower

SHWS:
 Site ID: 2053
 Has Env Use Control: No
 Project code: C404672111
 PM Name: BAIN, B.
Site Status: Resolved
 District Office: NEDO
 Lat/Long: 38.840699 / -94.625168
 River Basin: Marais des Cygnes
 Aquifer Yield: Unknown
 Other Aquifers: Not reported
 Parent PC: C404670934
 Parent Name: WILLIAMS - KENNETH STATION
 CERCLIS ID: Not reported
 Discovery Date: Not reported
 Depth To GW: 11-20 feet
 Depth To Bedrock: 21-30 feet
 Aquifer Yield: Not reported
 GW Flow Direction: SE

Actual:
884 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAMS - KENNETH STATION REDEVELOPMENT (Continued)

S107556451

Acres Affected: 5-25 acres
Waste Present: No
Product Present: No
Program: Voluntary Cleanup
Lead Agency: BER - Remedial
Contaminants: Refined Petroleum
Media Act: Not reported
Media Pot: Ground Water, Soil
Source: Facility Operations
Land Use: Agricultural, Residential
Private well: Monitoring
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: Voluntary Agreement
Activity Status: Completed
Activity Start Date: 2/13/2006
Activity End Date: 3/27/2006
Narrative:

On February 13, 2006, BER received a VCPRP application from Williams Petroleum Services, LLC for the Kenneth Station - Redevelopment property located at 3410 West 159th Street, Kenneth, Johnson County, Kansas 66224 (Sec 10, T14S, R25E). The site is a former tank farm and pumping station for petroleum products and was constructed by Sinclair Pipe Line prior to 1950. Arco Pipe Line purchased the station in 1950 and operated the plant until Williams purchased the property on April 29, 1996. Williams discontinued operations at the facility in 1997 and dismantled all the structures and pipelines with the intent to sell the property for residential development. The subject property was previously a part of the Williams - Kenneth Manifold Area VCPRP site (project code C4-046-71758) which consisted of 10 acres. The application splits the cleanest 7 acres out of the Kenneth Manifold Area and creates a new VCPRP site in order to obtain a No Further Action for this portion of the project. Several phases of investigations with KDHE oversight have been conducted at the subject property and adjacent properties. The Kenneth Manifold Area has known TPH soil and groundwater impacts that exceed residential RSK concentrations. The groundwater plume from the manifold area appears to be migrating south and southeast across West 159th Street onto the Engelmann Parcel (VCPRP class I property). Voluntary Agreement was signed by the KDHE Secretary on March 27, 2006.

Site ID: 2053
Has Env Use Control: No
Project code: C404672111
PM Name: BAIN, B.
Site Status: Resolved
District Office: NEDO
Lat/Long: 38.840699 / -94.625168
River Basin: Marais des Cygnes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAMS - KENNETH STATION REDEVELOPMENT (Continued)

S107556451

Aquifer Yield: Unknown
Other Aquifers: Not reported
Parent PC: C404670934
Parent Name: WILLIAMS - KENNETH STATION
CERCLIS ID: Not reported
Discovery Date: Not reported
Depth To GW: 11-20 feet
Depth To Bedrock: 21-30 feet
Aquifer Yield: Not reported
GW Flow Direction: SE
Acres Affected: 5-25 acres
Waste Present: No
Product Present: No
Program: Voluntary Cleanup
Lead Agency: BER - Remedial
Contaminants: Refined Petroleum
Media Act: Not reported
Media Pot: Ground Water, Soil
Source: Facility Operations
Land Use: Agricultural, Residential
Private well: Monitoring
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: No Further Action (NFA) Letter Issued
Activity Status: Completed
Activity Start Date: Not reported
Activity End Date: 7/28/2006
Narrative: On February 13, 2006, BER received a VCPRP application from Williams Petroleum Services, LLC for the Kenneth Station - Redevelopment property located at 3410 West 159th Street, Kenneth, Johnson County, Kansas 66224 (Sec 10, T14S, R25E). The site is a former tank farm and pumping station for petroleum products and was constructed by Sinclair Pipe Line prior to 1950. Arco Pipe Line purchased the station in 1950 and operated the plant until Williams purchased the property on April 29, 1996. Williams discontinued operations at the facility in 1997 and dismantled all the structures and pipelines with the intent to sell the property for residential development. The subject property was previously a part of the Williams - Kenneth Manifold Area VCPRP site (project code C4-046-71758) which consisted of 10 acres. The application splits the cleanest 7 acres out of the Kenneth Manifold Area and creates a new VCPRP site in order to obtain a No Further Action for this portion of the project. Several phases of investigations with KDHE oversight have been conducted at the subject property and adjacent properties. The Kenneth Manifold Area has known TPH soil and groundwater impacts that exceed residential RSK concentrations. The groundwater plume from the manifold area appears to be migrating south and southeast across West 159th Street onto the Engelmann Parcel (VCPRP class I property). Voluntary

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAMS - KENNETH STATION REDEVELOPMENT (Continued)

S107556451

Agreement was signed by the KDHE Secretary on March 27, 2006.

Site ID: 2053
Has Env Use Control: No
Project code: C404672111
PM Name: BAIN, B.
Site Status: Resolved
District Office: NEDO
Lat/Long: 38.840699 / -94.625168
River Basin: Marais des Cygnes
Aquifer Yield: Unknown
Other Aquifers: Not reported
Parent PC: C404670934
Parent Name: WILLIAMS - KENNETH STATION
CERCLIS ID: Not reported
Discovery Date: Not reported
Depth To GW: 11-20 feet
Depth To Bedrock: 21-30 feet
Aquifer Yield: Not reported
GW Flow Direction: SE
Acres Affected: 5-25 acres
Waste Present: No
Product Present: No
Program: Voluntary Cleanup
Lead Agency: BER - Remedial
Contaminants: Refined Petroleum
Media Act: Not reported
Media Pot: Ground Water, Soil
Source: Facility Operations
Land Use: Agricultural, Residential
Private well: Monitoring
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: Voluntary Cleanup Investigation (VCI)
Activity Status: Proposed
Activity Start Date: Not reported
Activity End Date: Not reported
Narrative: On February 13, 2006, BER received a VCPRP application from Williams Petroleum Services, LLC for the Kenneth Station - Redevelopment property located at 3410 West 159th Street, Kenneth, Johnson County, Kansas 66224 (Sec 10, T14S, R25E). The site is a former tank farm and pumping station for petroleum products and was constructed by Sinclair Pipe Line prior to 1950. Arco Pipe Line purchased the station in 1950 and operated the plant until Williams purchased the property on April 29, 1996. Williams discontinued operations at the facility in 1997 and dismantled all the structures and pipelines with the intent to sell the property for residential development. The subject property was previously a part of the Williams - Kenneth

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WILLIAMS - KENNETH STATION REDEVELOPMENT (Continued)

S107556451

Manifold Area VCPRP site (project code C4-046-71758) which consisted of 10 acres. The application splits the cleanest 7 acres out of the Kenneth Manifold Area and creates a new VCPRP site in order to obtain a No Further Action for this portion of the project. Several phases of investigations with KDHE oversight have been conducted at the subject property and adjacent properties. The Kenneth Manifold Area has known TPH soil and groundwater impacts that exceed residential RSK concentrations. The groundwater plume from the manifold area appears to be migrating south and southeast across West 159th Street onto the Engelmann Parcel (VCPRP class I property). Voluntary Agreement was signed by the KDHE Secretary on March 27, 2006.

VCP:

Site ID: 2053
Project code: C404672111
PM Name: BAIN, B.
Site Status: Resolved
Program: Voluntary Cleanup

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LEAWOOD	1007202428	CITY OF LEAWOOD/OXFORD SCHOOL	147TH & MISSION RD (IRONWOODS)	66224	RCRA-NonGen

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: 03/31/2011	Source: EPA
Date Data Arrived at EDR: 04/13/2011	Telephone: N/A
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/12/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/24/2011
	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: 03/31/2011	Source: EPA
Date Data Arrived at EDR: 04/13/2011	Telephone: N/A
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/12/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/24/2011
	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: 03/31/2011	Source: EPA
Date Data Arrived at EDR: 04/13/2011	Telephone: N/A
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/12/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/24/2011
	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: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 09/01/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/12/2011
	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's Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 07/15/2011
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/24/2011
	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: 02/25/2011	Source: EPA
Date Data Arrived at EDR: 03/01/2011	Telephone: 703-412-9810
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 09/01/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/12/2011
	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: 03/09/2011
Date Data Arrived at EDR: 03/15/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 91

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 07/07/2011
Next Scheduled EDR Contact: 10/17/2011
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 07/07/2011
Next Scheduled EDR Contact: 10/17/2011
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 07/07/2011
Next Scheduled EDR Contact: 10/17/2011
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: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 07/07/2011
Next Scheduled EDR Contact: 10/17/2011
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: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/08/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 09/26/2011
	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: 03/16/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2011	Telephone: 703-603-0695
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/08/2011
Number of Days to Update: 81	Next Scheduled EDR Contact: 09/26/2011
	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: 04/05/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 04/05/2011	Telephone: 202-267-2180
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/05/2011
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/17/2011
	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: 08/03/2011	Source: Department of Health and Environment
Date Data Arrived at EDR: 08/03/2011	Telephone: 785-296-1660
Date Made Active in Reports: 08/22/2011	Last EDR Contact: 07/18/2011
Number of Days to Update: 19	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Semi-Annually

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/25/2011
Date Data Arrived at EDR: 07/25/2011
Date Made Active in Reports: 08/22/2011
Number of Days to Update: 28

Source: Department of Health and Environment
Telephone: 785-296-1590
Last EDR Contact: 07/25/2011
Next Scheduled EDR Contact: 11/07/2011
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: 08/01/2011
Date Data Arrived at EDR: 08/01/2011
Date Made Active in Reports: 08/22/2011
Number of Days to Update: 21

Source: Department of Health and Environment
Telephone: 785-296-1685
Last EDR Contact: 07/11/2011
Next Scheduled EDR Contact: 10/24/2011
Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tanks

Leaking aboveground storage tank site locations.

Date of Government Version: 08/01/2011
Date Data Arrived at EDR: 08/01/2011
Date Made Active in Reports: 08/22/2011
Number of Days to Update: 21

Source: Department of Health & Environment
Telephone: 785-296-1685
Last EDR Contact: 07/11/2011
Next Scheduled EDR Contact: 10/24/2011
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/16/2011
Date Data Arrived at EDR: 05/17/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 28

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 11/04/2009
Date Data Arrived at EDR: 05/04/2010
Date Made Active in Reports: 07/07/2010
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 08/02/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 05/20/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 25

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/02/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 05/17/2011	Source: EPA Region 10
Date Data Arrived at EDR: 05/19/2011	Telephone: 206-553-2857
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 26	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Quarterly

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

Date of Government Version: 01/31/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/01/2011	Telephone: 415-972-3372
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 48	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Quarterly

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

Date of Government Version: 03/03/2011	Source: EPA Region 4
Date Data Arrived at EDR: 03/18/2011	Telephone: 404-562-8677
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Semi-Annually

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: 08/01/2011	Source: Department of Health and Environment
Date Data Arrived at EDR: 08/01/2011	Telephone: 785-296-1685
Date Made Active in Reports: 08/25/2011	Last EDR Contact: 07/11/2011
Number of Days to Update: 24	Next Scheduled EDR Contact: 10/24/2011
	Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Data

Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2011	Source: Department of Health and Environment
Date Data Arrived at EDR: 08/01/2011	Telephone: 785-296-1685
Date Made Active in Reports: 08/26/2011	Last EDR Contact: 07/11/2011
Number of Days to Update: 25	Next Scheduled EDR Contact: 10/24/2011
	Data Release Frequency: Quarterly

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: 01/01/2011	Source: EPA Region 5
Date Data Arrived at EDR: 02/23/2011	Telephone: 312-886-6136
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 68	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/07/2011	Source: EPA, Region 1
Date Data Arrived at EDR: 05/04/2011	Telephone: 617-918-1313
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/02/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Varies

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: 05/17/2011	Source: EPA Region 10
Date Data Arrived at EDR: 05/19/2011	Telephone: 206-553-2857
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 26	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Quarterly

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: 04/01/2011	Source: EPA Region 7
Date Data Arrived at EDR: 06/01/2011	Telephone: 913-551-7003
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/02/2011
Number of Days to Update: 13	Next Scheduled EDR Contact: 11/14/2011
	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).

Date of Government Version: 05/16/2011	Source: EPA Region 8
Date Data Arrived at EDR: 05/17/2011	Telephone: 303-312-6137
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/14/2011
	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: 05/18/2011	Source: EPA Region 9
Date Data Arrived at EDR: 05/26/2011	Telephone: 415-972-3368
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 19	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Quarterly

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: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/03/2011	Source: EPA Region 4
Date Data Arrived at EDR: 03/18/2011	Telephone: 404-562-9424
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 45	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Semi-Annually

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: 07/18/2011
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/31/2011
	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: 08/03/2011	Source: Department of Health & Environment
Date Data Arrived at EDR: 08/03/2011	Telephone: 785-296-8049
Date Made Active in Reports: 08/22/2011	Last EDR Contact: 04/18/2011
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/01/2011
	Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 02/25/2011	Source: EPA, Region 1
Date Data Arrived at EDR: 04/05/2011	Telephone: 617-918-1102
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 07/05/2011
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

VCP: Identified Sites List

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

Date of Government Version: 08/03/2011	Source: Department of Health & Environment
Date Data Arrived at EDR: 08/03/2011	Telephone: 785-296-8049
Date Made Active in Reports: 08/22/2011	Last EDR Contact: 07/18/2011
Number of Days to Update: 19	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: Quarterly

State and tribal Brownfields sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BROWNFIELDS: Identified Sites List

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

Date of Government Version: 08/03/2011
Date Data Arrived at EDR: 08/03/2011
Date Made Active in Reports: 08/22/2011
Number of Days to Update: 19

Source: Department of Health & Environment
Telephone: 785-296-8049
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 03/29/2011
Date Data Arrived at EDR: 03/29/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/27/2011
Next Scheduled EDR Contact: 10/10/2011
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
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 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: 06/27/2011
Next Scheduled EDR Contact: 10/10/2011
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: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/02/2011	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/17/2011	Telephone: 202-307-1000
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 06/07/2011
Number of Days to Update: 46	Next Scheduled EDR Contact: 09/19/2011
	Data Release Frequency: Quarterly

AOCONCERN: Area of Concern

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

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

CDL: Clandestine Laboratory Data Clandestine meth lab location

Date of Government Version: 09/29/2009	Source: Department of Health and Environment
Date Data Arrived at EDR: 10/02/2009	Telephone: 785-368-7301
Date Made Active in Reports: 10/20/2009	Last EDR Contact: 08/22/2011
Number of Days to Update: 18	Next Scheduled EDR Contact: 12/05/2011
	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.

Date of Government Version: 09/01/2007	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 11/19/2008	Telephone: 202-307-1000
Date Made Active in Reports: 03/30/2009	Last EDR Contact: 03/23/2009
Number of Days to Update: 131	Next Scheduled EDR Contact: 06/22/2009
	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: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2011	Telephone: 202-564-6023
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 08/12/2011
Number of Days to Update: 87	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUCIS: Land Use Control Information System

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

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

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 07/11/2011
Next Scheduled EDR Contact: 09/05/2011
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: 12/31/2010
Date Data Arrived at EDR: 01/05/2011
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 51

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/05/2011
Next Scheduled EDR Contact: 10/17/2011
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: 08/04/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 08/22/2011
Number of Days to Update: 13

Source: Department of Health and Environment
Telephone: 785-296-1660
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

Other Ascertainable Records

RCRA-NonGen: RCRA - Non Generators

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

Date of Government Version: 06/15/2011
Date Data Arrived at EDR: 07/07/2011
Date Made Active in Reports: 08/08/2011
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 913-551-7003
Last EDR Contact: 07/07/2011
Next Scheduled EDR Contact: 10/17/2011
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: 01/12/2011
Date Data Arrived at EDR: 02/11/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/09/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/22/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/14/2011
Next Scheduled EDR Contact: 09/26/2011
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: 12/31/2010
Date Data Arrived at EDR: 04/05/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 70

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
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: 02/25/2011
Date Data Arrived at EDR: 03/16/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 5

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/15/2011
Next Scheduled EDR Contact: 09/26/2011
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: 10/21/2010
Date Made Active in Reports: 01/28/2011
Number of Days to Update: 99

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/31/2011
Next Scheduled EDR Contact: 12/12/2011
Data Release Frequency: Varies

MINES: Mines Master Index File

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

Date of Government Version: 02/08/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/08/2011
Next Scheduled EDR Contact: 09/19/2011
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/17/2010
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 94

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/01/2011
Next Scheduled EDR Contact: 12/12/2011
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: 06/30/2011
Next Scheduled EDR Contact: 10/10/2011
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: 08/31/2011
Next Scheduled EDR Contact: 12/12/2011
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: 08/31/2011
Next Scheduled EDR Contact: 12/12/2011
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: 08/18/2011
Next Scheduled EDR Contact: 11/14/2011
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: 01/07/2011
Date Data Arrived at EDR: 01/21/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 59

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 06/27/2011
Next Scheduled EDR Contact: 10/10/2011
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: 11/01/2010
Date Data Arrived at EDR: 11/10/2010
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 98

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/22/2011
Next Scheduled EDR Contact: 10/31/2011
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: 03/18/2010
Date Data Arrived at EDR: 04/06/2010
Date Made Active in Reports: 05/27/2010
Number of Days to Update: 51

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 06/13/2011
Next Scheduled EDR Contact: 09/26/2011
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 01/11/2011
Date Data Arrived at EDR: 01/13/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 34

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/12/2011
Next Scheduled EDR Contact: 10/24/2011
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: 04/14/2010	Source: EPA
Date Data Arrived at EDR: 04/16/2010	Telephone: (913) 551-7003
Date Made Active in Reports: 05/27/2010	Last EDR Contact: 06/14/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 09/26/2011
	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

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: 12/31/2009	Source: EPA/NTIS
Date Data Arrived at EDR: 03/01/2011	Telephone: 800-424-9346
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 09/01/2011
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/12/2011
	Data Release Frequency: Biennially

UIC: Underground Injection Wells Database Listing

A listing of underground injection wells.

Date of Government Version: 08/01/2011	Source: Department of Health & Environment
Date Data Arrived at EDR: 08/02/2011	Telephone: 785-296-1367
Date Made Active in Reports: 08/22/2011	Last EDR Contact: 08/01/2011
Number of Days to Update: 20	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: Varies

DRYCLEANERS: Registered Drycleaning Facilities

A listing of registered drycleaners.

Date of Government Version: 06/07/2011	Source: Department of Health & Environment
Date Data Arrived at EDR: 06/08/2011	Telephone: 785-291-3250
Date Made Active in Reports: 06/17/2011	Last EDR Contact: 06/06/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 09/19/2011
	Data Release Frequency: Varies

AIRS: Title V Source Information

A listing of title V sources, including emissions information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/01/2010
Date Made Active in Reports: 12/21/2010
Number of Days to Update: 20

Source: Department of Health & Environment
Telephone: 785-296-6427
Last EDR Contact: 07/05/2011
Next Scheduled EDR Contact: 10/17/2011
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: 12/31/2009
Date Data Arrived at EDR: 01/04/2011
Date Made Active in Reports: 02/09/2011
Number of Days to Update: 36

Source: Department of Health & Environment
Telephone: 785-296-1688
Last EDR Contact: 06/27/2011
Next Scheduled EDR Contact: 10/10/2011
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: 07/22/2011
Next Scheduled EDR Contact: 10/31/2011
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: 07/15/2011
Next Scheduled EDR Contact: 11/07/2011
Data Release Frequency: Varies

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: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/14/2011
Next Scheduled EDR Contact: 09/26/2011
Data Release Frequency: Varies

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

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/22/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: N/A

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/01/2011
Date Data Arrived at EDR: 08/01/2011
Date Made Active in Reports: 08/25/2011
Number of Days to Update: 24

Source: Department of Health & Environment
Telephone: 785-296-1685
Last EDR Contact: 07/11/2011
Next Scheduled EDR Contact: 10/24/2011
Data Release Frequency: Quarterly

COAL ASH DOE: Sleam-Electric Plan Operation Data

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal combustion waste landfills.

Date of Government Version: 01/20/2009
Date Data Arrived at EDR: 06/26/2009
Date Made Active in Reports: 07/08/2009
Number of Days to Update: 12

Source: Department of Health & Environment
Telephone: 785-296-1600
Last EDR Contact: 07/25/2011
Next Scheduled EDR Contact: 11/07/2011
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 01/01/2008
Date Data Arrived at EDR: 02/18/2009
Date Made Active in Reports: 05/29/2009
Number of Days to Update: 100

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/05/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

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

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

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

OTHER DATABASE(S)

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/26/2009
Date Made Active in Reports: 09/11/2009
Number of Days to Update: 16

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/26/2011
Next Scheduled EDR Contact: 12/05/2011
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 05/12/2011
Date Made Active in Reports: 05/24/2011
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/09/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/24/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/31/2011
Next Scheduled EDR Contact: 12/12/2011
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 07/06/2010
Date Made Active in Reports: 07/26/2010
Number of Days to Update: 20

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 10/03/2011
Data Release Frequency: Annually

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

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.
Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

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

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

KUHLMAN DIECASTING
16442 MISSION ROAD
STILWELL, KS 66085

TARGET PROPERTY COORDINATES

Latitude (North):	38.83070 - 38° 49' 50.5"
Longitude (West):	94.6335 - 94° 38' 0.6"
Universal Tranverse Mercator:	Zone 15
UTM X (Meters):	358208.1
UTM Y (Meters):	4299049.5
Elevation:	893 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	38094-G6 STILWELL, KS
Most Recent Revision:	1991
East Map:	38094-G5 BELTON, MO
Most Recent Revision:	1991

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

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

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

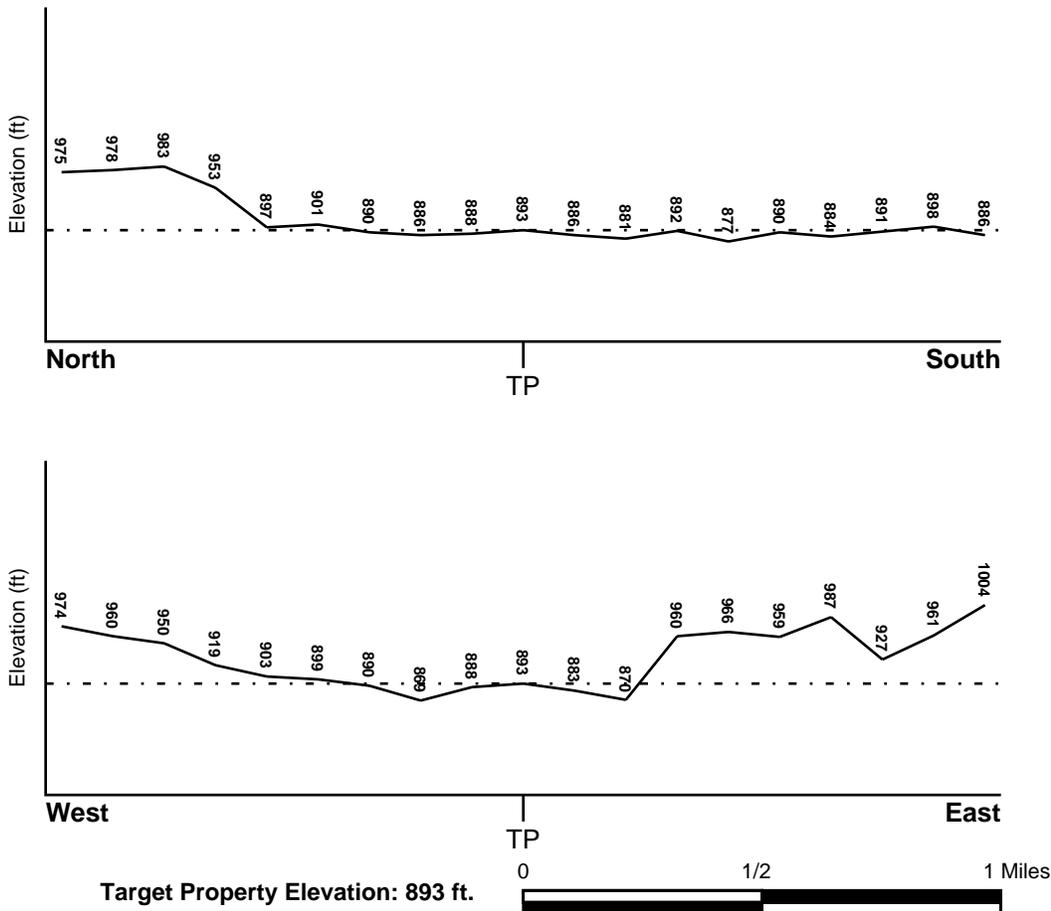
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

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> JOHNSON, KS	<u>FEMA Flood Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	20091C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

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

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Pennsylvanian
Series:	Missourian Series
Code:	PP3 (<i>decoded above as Era, System & Series</i>)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

SSURGO SOIL MAP - 3160189.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Kuhlman Diecasting
ADDRESS: 16442 Mission Road
Stilwell KS 66085
LAT/LONG: 38.8307 / 94.6335

CLIENT: Seagull Env. Technologies
CONTACT: Jeff Pritchard
INQUIRY #: 3160189.2s
DATE: September 02, 2011 5:01 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Chase

Soil Surface Texture: silt loam

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

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	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 Soils.	Max: 1.411 Min: 0.4233	Max: 7.3 Min: 5.6
2	18 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 less than 50%), Lean Clay Soils.	Max: 1.411 Min: 0.4233	Max: 7.3 Min: 5.6
3	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 less than 50%), Lean Clay Soils.	Max: 1.411 Min: 0.4233	Max: 7.3 Min: 5.6
4	9 inches	18 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 1.411 Min: 0.4233	Max: 7.3 Min: 5.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Kennebec

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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 107 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.3 Min: 6.1
2	7 inches	18 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.3 Min: 6.1
3	18 inches	31 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.3 Min: 6.1
4	31 inches	40 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.3 Min: 6.1
5	40 inches	53 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.3 Min: 6.1
6	53 inches	79 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.3 Min: 6.1

Soil Map ID: 3

Soil Component Name: Martin

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	9 inches	14 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.411 Min: 0.4233	Max: 7.8 Min: 5.6
2	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: 7.8 Min: 5.6
3	0 inches	9 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.411 Min: 0.4233	Max: 7.8 Min: 5.6
4	14 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: 1.411 Min: 0.4233	Max: 7.8 Min: 5.6

Soil Map ID: 4

Soil Component Name: Vinland

Soil Surface Texture: weathered bedrock

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 excessively drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	16 inches	20 inches	weathered bedrock	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 7.8 Min: 5.6
2	0 inches	3 inches	silty clay loam	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 7.8 Min: 5.6
3	3 inches	11 inches	silty clay loam	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 7.8 Min: 5.6
4	11 inches	16 inches	silty clay loam	Not reported	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14.11 Min: 4.233	Max: 7.8 Min: 5.6

Soil Map ID: 5

Soil Component Name: Ladoga

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: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 122 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	7 inches	12 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 Soils.	Max: 14.11 Min: 4.233	Max: 6.5 Min: 6.1
2	12 inches	31 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay Soils.	Max: 14.11 Min: 4.233	Max: 6.5 Min: 6.1
3	31 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 Soils.	Max: 14.11 Min: 4.233	Max: 6.5 Min: 6.1
4	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 Soils.	Max: 14.11 Min: 4.233	Max: 6.5 Min: 6.1

Soil Map ID: 6

Soil Component Name: Kennebec

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: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 107 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.3 Min: 6.1
2	7 inches	18 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.3 Min: 6.1
3	18 inches	31 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.3 Min: 6.1
4	31 inches	40 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.3 Min: 6.1
5	40 inches	53 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.3 Min: 6.1
6	53 inches	79 inches	silt loam	Not reported	Not reported	Max: 14.11 Min: 4.233	Max: 7.3 Min: 6.1

Soil Map ID: 7

Soil Component Name: Oska

Soil Surface Texture: unweathered bedrock

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 81 inches

Depth to Watertable Min: > 61 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	31 inches	35 inches	unweathered bedrock	Not reported	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							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	7 inches	16 inches	silty clay loam	Not reported	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	16 inches	31 inches	silty clay	Not reported	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
4	0 inches	7 inches	silty clay loam	Not reported	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

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>
25	USGS2623946	1/2 - 1 Mile SE
27	USGS2623947	1/2 - 1 Mile SW
39	USGS2623941	1/2 - 1 Mile SSE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	KS6000000157306	0 - 1/8 Mile SW
A2	KS6000000157307	0 - 1/8 Mile SW
A3	KS6000000157308	0 - 1/8 Mile SW
A4	KS6000000157303	0 - 1/8 Mile SW
A5	KS6000000157304	0 - 1/8 Mile SW
A6	KS6000000157305	0 - 1/8 Mile SW
A7	KS6000000157309	0 - 1/8 Mile SW
A8	KS6000000157313	0 - 1/8 Mile SW
A9	KS6000000157314	0 - 1/8 Mile SW
A10	KS6000000157315	0 - 1/8 Mile SW
A11	KS6000000157310	0 - 1/8 Mile SW
A12	KS6000000157311	0 - 1/8 Mile SW
A13	KS6000000157312	0 - 1/8 Mile SW
14	KS6000000157401	0 - 1/8 Mile NNW
15	KS6000000157404	1/8 - 1/4 Mile NE
B16	KS6000000157206	1/4 - 1/2 Mile SE
B17	KS6000000157208	1/4 - 1/2 Mile SE
18	KS6000000157399	1/4 - 1/2 Mile WNW
C19	KS6000000156844	1/4 - 1/2 Mile SSE
C20	KS6000000156845	1/4 - 1/2 Mile SSE
D21	KS6000000157658	1/4 - 1/2 Mile NNW
D22	KS6000000157659	1/4 - 1/2 Mile NNW
D23	KS6000000157660	1/4 - 1/2 Mile NNW
24	KS6000000157573	1/2 - 1 Mile NW
26	KS6000000157318	1/2 - 1 Mile East
28	KS6000000156846	1/2 - 1 Mile SE
29	KS6000000156766	1/2 - 1 Mile SE
30	KS6000000156996	1/2 - 1 Mile WSW
31	KS6000000157834	1/2 - 1 Mile NE
E32	KS6000000158083	1/2 - 1 Mile NNE
E33	KS6000000158084	1/2 - 1 Mile NNE
F34	KS6000000157835	1/2 - 1 Mile NE
F35	KS6000000157836	1/2 - 1 Mile NE
F36	KS6000000157837	1/2 - 1 Mile NE
37	KS6000000158049	1/2 - 1 Mile NNE
38	KS6000000158259	1/2 - 1 Mile NNE
40	KS6000000158050	1/2 - 1 Mile NE
G41	KS6000000158260	1/2 - 1 Mile NNE
G42	KS6000000158262	1/2 - 1 Mile NNE
G43	KS6000000158261	1/2 - 1 Mile NNE
G44	KS6000000158264	1/2 - 1 Mile NNE
G45	KS6000000158263	1/2 - 1 Mile NNE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

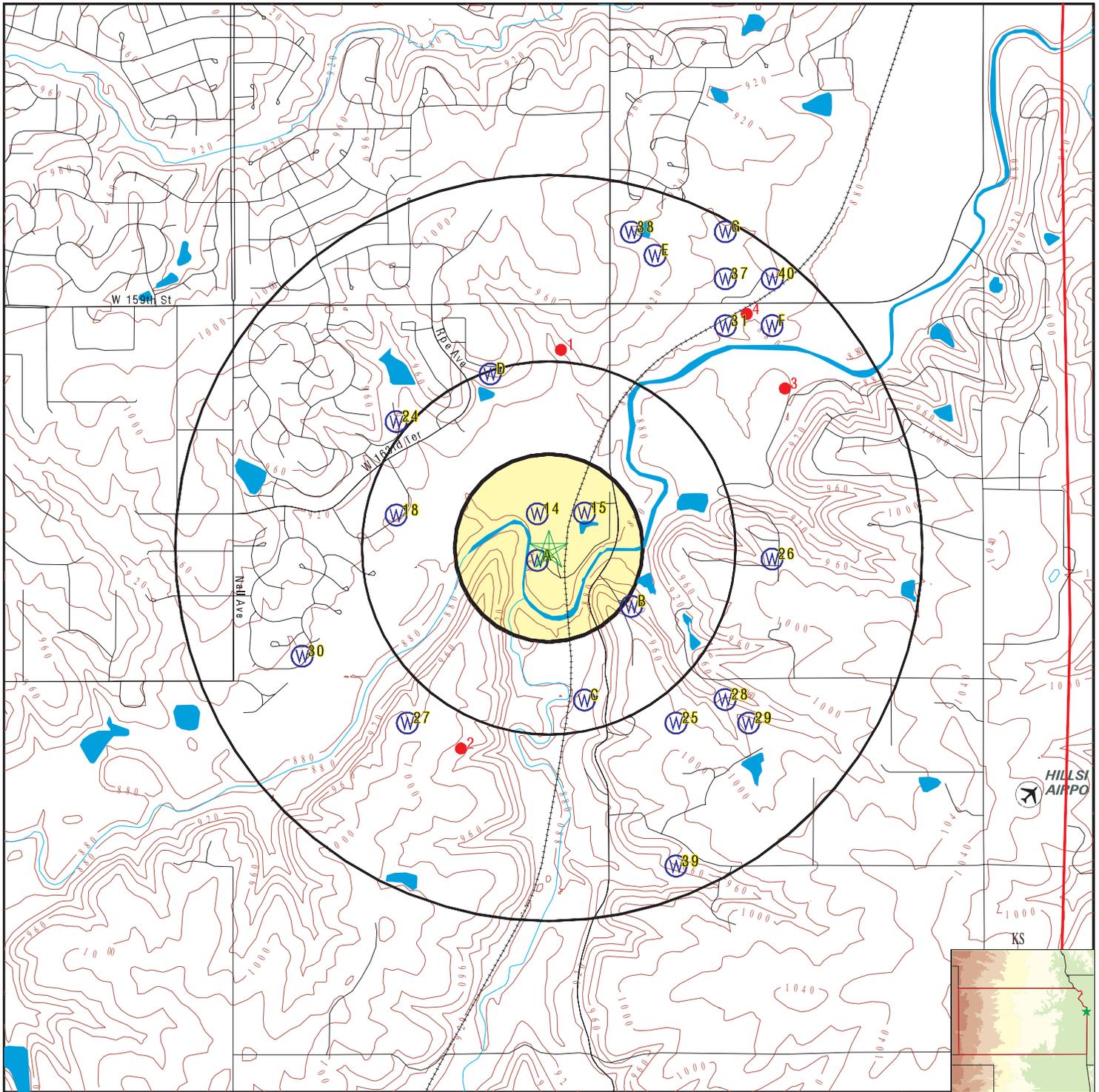
MAP ID	WELL ID	LOCATION FROM TP
1	KSOG70000370222	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	KSOG70000367789	1/2 - 1 Mile SSW
3	KSOG70000370021	1/2 - 1 Mile NE
4	KSOG70000370405	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 3160189.2s



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

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



SITE NAME: Kuhlman Diecasting
 ADDRESS: 16442 Mission Road
 Stilwell KS 66085
 LAT/LONG: 38.8307 / 94.6335

CLIENT: Seagull Env. Technologies
 CONTACT: Jeff Pritchard
 INQUIRY #: 3160189.2s
 DATE: September 02, 2011 5:01 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
SW
0 - 1/8 Mile
Lower

KS WELLS KS6000000157306

Well id:	31242	County:	Johnson
Township:	14	TwN dir:	S
Range:	25	Range dir:	E
Section:	16	Spot:	SW NE SE
Longitude:	-94.63383	Latitude:	38.83021
Long lat t:	From PLSS	Owner:	Kuhlman Dicasting Plant
Well use:	Monitoring well/observation/piezometer		
Comple dat:	07-Sep-1989		
Status:	CONSTRUCTED	Other id:	P2B
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	15	Elev:	890.6
Static dep:	10.1	Est yield:	Not Reported
Driller:	URS Greiner - Woodward-Clyde		

A2
SW
0 - 1/8 Mile
Lower

KS WELLS KS6000000157307

Well id:	31243	County:	Johnson
Township:	14	TwN dir:	S
Range:	25	Range dir:	E
Section:	16	Spot:	SW NE SE
Longitude:	-94.63383	Latitude:	38.83021
Long lat t:	From PLSS	Owner:	Kuhlman Dicasting Plant
Well use:	Monitoring well/observation/piezometer		
Comple dat:	20-Sep-1989		
Status:	CONSTRUCTED	Other id:	P1A
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	32.3	Elev:	891.0
Static dep:	6.1	Est yield:	Not Reported
Driller:	URS Greiner - Woodward-Clyde		

A3
SW
0 - 1/8 Mile
Lower

KS WELLS KS6000000157308

Well id:	31244	County:	Johnson
Township:	14	TwN dir:	S
Range:	25	Range dir:	E
Section:	16	Spot:	SW NE SE
Longitude:	-94.63383	Latitude:	38.83021
Long lat t:	From PLSS	Owner:	Kuhlman Dicasting Plant
Well use:	Monitoring well/observation/piezometer		
Comple dat:	19-Sep-1989		
Status:	CONSTRUCTED	Other id:	P1
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	60	Elev:	890.6

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep: 58.3 Est yield: Not Reported
 Driller: URS Greiner - Woodward-Clyde

**A4
SW
0 - 1/8 Mile
Lower**

KS WELLS KS6000000157303

Well id: 31239 County: Johnson
 Township: 14 Twn dir: S
 Range: 25 Range dir: E
 Section: 16 Spot: SW NE SE
 Longitude: -94.63383 Latitude: 38.83021
 Long lat t: From PLSS Owner: Kuhlman Dicasting Plant
 Well use: Monitoring well/observation/piezometer
 Comple dat: 27-Sep-1989
 Status: CONSTRUCTED Other id: P3A
 Dwr number: Not Reported
 Directions: Not Reported
 Well depth: 21.25 Elev: 882.8
 Static dep: 5.49 Est yield: Not Reported
 Driller: URS Greiner - Woodward-Clyde

**A5
SW
0 - 1/8 Mile
Lower**

KS WELLS KS6000000157304

Well id: 31240 County: Johnson
 Township: 14 Twn dir: S
 Range: 25 Range dir: E
 Section: 16 Spot: SW NE SE
 Longitude: -94.63383 Latitude: 38.83021
 Long lat t: From PLSS Owner: Kuhlman Dicasting Plant
 Well use: Monitoring well/observation/piezometer
 Comple dat: 30-Aug-1989
 Status: CONSTRUCTED Other id: P2A
 Dwr number: Not Reported
 Directions: Not Reported
 Well depth: 31.3 Elev: 890.2
 Static dep: 9.3 Est yield: Not Reported
 Driller: URS Greiner - Woodward-Clyde

**A6
SW
0 - 1/8 Mile
Lower**

KS WELLS KS6000000157305

Well id: 31241 County: Johnson
 Township: 14 Twn dir: S
 Range: 25 Range dir: E
 Section: 16 Spot: SW NE SE
 Longitude: -94.63383 Latitude: 38.83021
 Long lat t: From PLSS Owner: Kuhlman Dicasting Plant
 Well use: Monitoring well/observation/piezometer
 Comple dat: 26-Sep-1989
 Status: CONSTRUCTED Other id: P3
 Dwr number: Not Reported
 Directions: Not Reported
 Well depth: 51.2 Elev: 880.6

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep: 50.2 Est yield: Not Reported
 Driller: URS Greiner - Woodward-Clyde

**A7
SW
0 - 1/8 Mile
Lower**

KS WELLS KS6000000157309

Well id: 31245 County: Johnson
 Township: 14 Twn dir: S
 Range: 25 Range dir: E
 Section: 16 Spot: SW NE SE
 Longitude: -94.63383 Latitude: 38.83021
 Long lat t: From PLSS Owner: Kuhlman Dicasting Plant
 Well use: Monitoring well/observation/piezometer
 Comple dat: 05-Sep-1989
 Status: CONSTRUCTED Other id: P4
 Dwr number: Not Reported
 Directions: Not Reported
 Well depth: 32 Elev: 895.8
 Static dep: 12.07 Est yield: Not Reported
 Driller: URS Greiner - Woodward-Clyde

**A8
SW
0 - 1/8 Mile
Lower**

KS WELLS KS6000000157313

Well id: 31250 County: Johnson
 Township: 14 Twn dir: S
 Range: 25 Range dir: E
 Section: 16 Spot: SW NE SE
 Longitude: -94.63383 Latitude: 38.83021
 Long lat t: From PLSS Owner: Kuhlman Dicasting Plant
 Well use: Monitoring well/observation/piezometer
 Comple dat: 29-Oct-1983
 Status: CONSTRUCTED Other id: GM 4
 Dwr number: Not Reported
 Directions: from plant building at 164th and Mission: .25 mi S
 Well depth: 19.5 Elev: Not Reported
 Static dep: 3 Est yield: Not Reported
 Driller: Layne-Christensen Co.

**A9
SW
0 - 1/8 Mile
Lower**

KS WELLS KS6000000157314

Well id: 31251 County: Johnson
 Township: 14 Twn dir: S
 Range: 25 Range dir: E
 Section: 16 Spot: SW NE SE
 Longitude: -94.63383 Latitude: 38.83021
 Long lat t: From PLSS Owner: Kuhlman Dicasting Plant
 Well use: Monitoring well/observation/piezometer
 Comple dat: 04-Nov-1983
 Status: CONSTRUCTED Other id: GM-3
 Dwr number: Not Reported
 Directions: from plant building at 164th and Mission: .25 mi SW
 Well depth: 19.5 Elev: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep: 2 Est yield: Not Reported
 Driller: Layne-Christensen Co.

**A10
 SW
 0 - 1/8 Mile
 Lower**

KS WELLS KS6000000157315

Well id:	31253	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	16	Spot:	SW NE SE
Longitude:	-94.63383	Latitude:	38.83021
Long lat t:	From PLSS	Owner:	Kuhlman Dicasting Plant
Well use:	Monitoring well/observation/piezometer		
Comple dat:	27-Sep-1989		
Status:	CONSTRUCTED	Other id:	P3B
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	16	Elev:	882.9
Static dep:	4.58	Est yield:	Not Reported
Driller:	URS Greiner - Woodward-Clyde		

**A11
 SW
 0 - 1/8 Mile
 Lower**

KS WELLS KS6000000157310

Well id:	31246	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	16	Spot:	SW NE SE
Longitude:	-94.63383	Latitude:	38.83021
Long lat t:	From PLSS	Owner:	Kuhlman Dicasting Plant
Well use:	Monitoring well/observation/piezometer		
Comple dat:	31-Aug-1989		
Status:	CONSTRUCTED	Other id:	P5
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	30.66	Elev:	889.8
Static dep:	8.97	Est yield:	Not Reported
Driller:	URS Greiner - Woodward-Clyde		

**A12
 SW
 0 - 1/8 Mile
 Lower**

KS WELLS KS6000000157311

Well id:	31247	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	16	Spot:	SW NE SE
Longitude:	-94.63383	Latitude:	38.83021
Long lat t:	From PLSS	Owner:	Kuhlman Dicasting Plant
Well use:	Monitoring well/observation/piezometer		
Comple dat:	31-Aug-1989		
Status:	CONSTRUCTED	Other id:	P6
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	21.5	Elev:	882.7

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	5.06	Est yield:	Not Reported
Driller:	URS Greiner - Woodward-Clyde		

**A13
SW
0 - 1/8 Mile
Lower**

KS WELLS KS6000000157312

Well id:	31248	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	16	Spot:	SWNESE
Longitude:	-94.63383	Latitude:	38.83021
Long lat t:	From PLSS	Owner:	Kuhlman Dicasting Plant
Well use:	Other		
Comple dat:	19-Sep-1989		
Status:	CONSTRUCTED	Other id:	P1P
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	16	Elev:	891.4
Static dep:	5.05	Est yield:	Not Reported
Driller:	URS Greiner - Woodward-Clyde		

**14
NNW
0 - 1/8 Mile
Lower**

KS WELLS KS6000000157401

Well id:	31252	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	16	Spot:	NWNESE
Longitude:	-94.63383	Latitude:	38.83202
Long lat t:	From PLSS	Owner:	Kuhlman Dicasting Plant
Well use:	Monitoring well/observation/piezometer		
Comple dat:	28-Oct-1983		
Status:	CONSTRUCTED	Other id:	GM 2
Dwr number:	Not Reported		
Directions:	from plant building at 164th and Mission: 800' NW		
Well depth:	29.5	Elev:	Not Reported
Static dep:	11	Est yield:	Not Reported
Driller:	Layne-Christensen Co.		

**15
NE
1/8 - 1/4 Mile
Lower**

KS WELLS KS6000000157404

Well id:	31249	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	16	Spot:	NE NE SE
Longitude:	-94.63149	Latitude:	38.83205
Long lat t:	From PLSS	Owner:	Kuhlman Dicasting Plant
Well use:	Monitoring well/observation/piezometer		
Comple dat:	28-Oct-1983		
Status:	CONSTRUCTED	Other id:	GM 1
Dwr number:	Not Reported		
Directions:	from plant building at 164th and Mission: 800' N		
Well depth:	29.5	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	5.5	Est yield:	Not Reported
Driller:	Layne-Christensen Co.		

**B16
SE
1/4 - 1/2 Mile
Higher**

KS WELLS KS6000000157206

Well id:	389542	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	15	Spot:	NW SW SW
Longitude:	-94.62917	Latitude:	38.82842
Long lat t:	From PLSS	Owner:	Madl, Perry
Well use:	Domestic		
Comple dat:	19-Jun-2006		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	120	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Jesse Yoakum Well Drilling		

**B17
SE
1/4 - 1/2 Mile
Higher**

KS WELLS KS6000000157208

Well id:	397826	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	15	Spot:	NW SW SW
Longitude:	-94.629161	Latitude:	38.828425
Long lat t:	From PLSS	Owner:	Madl, Perry
Well use:	Other		
Comple dat:	19-Jun-2006		
Status:	PLUGGED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	(exploratory well)		
Well depth:	120	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Jesse Yoakum Well Drilling		

**18
WNW
1/4 - 1/2 Mile
Higher**

KS WELLS KS6000000157399

Well id:	333435	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	16	Spot:	NE NE SW
Longitude:	-94.64083	Latitude:	38.83197
Long lat t:	From PLSS	Owner:	Blue Valley Wilderness Science
Well use:	Heat Pump (Closed Loop/Disposal), Geot		
Comple dat:	07-Nov-2001		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	4601 W 163rd Terrace, Stanley (16 - 180' Bores)		
Well depth:	180	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep: 22 Est yield: 3
 Driller: Evans Energy Development, Inc.

**C19
SSE
1/4 - 1/2 Mile
Higher**

KS WELLS KS6000000156844

Well id:	419375	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	21	Spot:	NE NE NE
Longitude:	-94.631494	Latitude:	38.82478
Long lat t:	From PLSS	Owner:	Kenney, Robert II
Well use:	Irrigation		
Comple dat:	07-Jul-2008		
Status:	CONSTRUCTED	Other id:	Well 1
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	35	Elev:	Not Reported
Static dep:	15	Est yield:	2
Driller:	Jesse Yoakum Well Drilling		

**C20
SSE
1/4 - 1/2 Mile
Higher**

KS WELLS KS6000000156845

Well id:	419376	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	21	Spot:	NE NE NE
Longitude:	-94.631494	Latitude:	38.82478
Long lat t:	From PLSS	Owner:	Kenney, Robert II
Well use:	Irrigation		
Comple dat:	30-Jul-2008		
Status:	CONSTRUCTED	Other id:	Well 2
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	35	Elev:	Not Reported
Static dep:	15	Est yield:	3
Driller:	Jesse Yoakum Well Drilling		

**D21
NNW
1/4 - 1/2 Mile
Higher**

KS WELLS KS6000000157658

Well id:	405604	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	16	Spot:	SE NW NE
Longitude:	-94.636165	Latitude:	38.837455
Long lat t:	From PLSS	Owner:	Allison, Dave
Well use:	Domestic		
Comple dat:	24-May-2007		
Status:	PLUGGED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	20	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	5	Est yield:	Not Reported
Driller:	Jesse Yoakum Well Drilling		

**D22
NNW
1/4 - 1/2 Mile
Higher**

KS WELLS KS6000000157659

Well id:	405801	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	16	Spot:	SE NW NE
Longitude:	-94.636165	Latitude:	38.837455
Long lat t:	From PLSS	Owner:	Allison, Dave
Well use:	Domestic		
Comple dat:	24-May-2007		
Status:	PLUGGED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	20	Elev:	Not Reported
Static dep:	5	Est yield:	Not Reported
Driller:	Jesse Yoakum Well Drilling		

**D23
NNW
1/4 - 1/2 Mile
Higher**

KS WELLS KS6000000157660

Well id:	405802	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	16	Spot:	SE NW NE
Longitude:	-94.636165	Latitude:	38.837455
Long lat t:	From PLSS	Owner:	Allison, Dave
Well use:	Domestic		
Comple dat:	24-May-2007		
Status:	PLUGGED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	20	Elev:	Not Reported
Static dep:	5	Est yield:	Not Reported
Driller:	Jesse Yoakum Well Drilling		

**24
NW
1/2 - 1 Mile
Higher**

KS WELLS KS6000000157573

Well id:	327788	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	16	Spot:	NE SE NW
Longitude:	-94.64083	Latitude:	38.8356
Long lat t:	From PLSS	Owner:	Gary, Tim
Well use:	Heat Pump (Closed Loop/Disposal), Geot		
Comple dat:	31-Oct-2001		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	4833 W 162nd St, Overland Park (four 175-foot bores)		
Well depth:	175	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep: Not Reported Est yield: Not Reported
 Driller: Evans Energy Development, Inc.

**25
SE
1/2 - 1 Mile
Higher**

FED USGS USGS2623946

Agency cd:	USGS	Site no:	384926094373701
Site name:	14S 25E 22BAA 01	EDR Site id:	USGS2623946
Latitude:	384926	Dec lat:	38.82389698
Longitude:	0943737	Coor meth:	M
Dec lon:	-94.62717838	Latlong datum:	NAD27
Coor accr:	T	District:	20
Dec latlong datum:	NAD83	County:	091
State:	20	Land net:	NENENWS22 T14S R25E 6
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	980.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5.		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Missouri Crooked. Kansas, Missouri. Area = 2650 sq.mi.		
Topographic:	Hillside (slope)		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	STARK SHALE MEMBER OF DENNIS LIMESTONE		
Well depth:	225	Hole depth:	Not Reported
Source of depth data:	memory		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data begin date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1957-02-28
Water quality data end date:	1957-02-28	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

**26
East
1/2 - 1 Mile
Higher**

KS WELLS KS6000000157318

Well id:	31238	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	15	Spot:	SE NE SW
Longitude:	-94.62218	Latitude:	38.83026
Long lat t:	From PLSS	Owner:	Chung, Samma
Well use:	Domestic		
Comple dat:	27-Apr-1989		
Status:	PLUGGED		
Dwr number:	Not Reported		
Directions:	from Kenneth: 1.5 mi SW		
Well depth:	220	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep: Not Reported Est yield: 0
 Driller: F. E. Young Drilling Co., Inc.

**27
 SW
 1/2 - 1 Mile
 Higher**

FED USGS USGS2623947

Agency cd:	USGS	Site no:	384926094382501
Site name:	14S 25E 21ABA 01	EDR Site id:	USGS2623947
Latitude:	384926	Dec lat:	38.82389698
Longitude:	0943825	Coor meth:	M
Dec lon:	-94.64051205	Latlong datum:	NAD27
Coor accr:	T	District:	20
Dec latlong datum:	NAD83	County:	091
State:	20	Land net:	NENWNES21 T14S R25E 6
Country:	US	Map scale:	Not Reported
Location map:	Not Reported		
Altitude:	857.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Missouri Crooked. Kansas, Missouri. Area = 2650 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19650101
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	552
Source of depth data:	Not Reported		
Project number:	CMRASA0254		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**28
 SE
 1/2 - 1 Mile
 Higher**

KS WELLS KS6000000156846

Well id:	360228	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	22	Spot:	NW NE NW
Longitude:	-94.62451	Latitude:	38.8248
Long lat t:	From PLSS	Owner:	Rick Forner Builder, Inc.
Well use:	Air Conditioning		
Comple dat:	18-Jan-2005		
Status:	PLUGGED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	16833 Palos Verdes, Standly (6 bores at 360')		
Well depth:	360	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Evans Energy Development, Inc.		

**29
SE
1/2 - 1 Mile
Higher**

KS WELLS KS6000000156766

Well id:	360136	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	22	Spot:	NE NW
Longitude:	-94.62334	Latitude:	38.82389
Long lat t:	From PLSS	Owner:	Cox, W. O.
Well use:	(unstated)/abandoned		
Comple dat:	Not Reported		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	Baldwin		
Well depth:	225	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Harry Beatty		

**30
WSW
1/2 - 1 Mile
Higher**

KS WELLS KS6000000156996

Well id:	344808	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	16	Spot:	SE SW SW
Longitude:	-94.6455	Latitude:	38.82649
Long lat t:	From PLSS	Owner:	Storm, Brad
Well use:	Heat Pump (Closed Loop/Disposal), Geot		
Comple dat:	27-Dec-2003		
Status:	PLUGGED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	16609 Rosewood, Overland Park (six 320-foot boreholes)		
Well depth:	320	Elev:	Not Reported
Static dep:	18	Est yield:	3
Driller:	Evans Energy Development, Inc.		

**31
NE
1/2 - 1 Mile
Lower**

KS WELLS KS6000000157834

Well id:	411514	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	15	Spot:	NW NE NW
Longitude:	-94.624499	Latitude:	38.839327
Long lat t:	From PLSS	Owner:	The Williams Companies
Well use:	Monitoring well/observation/piezometer		
Comple dat:	25-Feb-2008		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	Biggs Sod Farm, 3401 159th St, Overland Park		
Well depth:	12	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep: 8.2 Est yield: Not Reported
 Driller: Below Ground Surface, Inc.

**E32
 NNE
 1/2 - 1 Mile
 Higher**

KS WELLS KS6000000158083

Well id:	360097	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	10	Spot:	SW SW
Longitude:	-94.62799	Latitude:	38.84206
Long lat t:	From PLSS	Owner:	White, Robert L
Well use:	(unstated)/abandoned		
Comple dat:	30-May-1963		
Status:	PLUGGED	Other id:	1
Dwr number:	Not Reported		
Directions:	Stillwell		
Well depth:	77	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	H. R. Swank		

**E33
 NNE
 1/2 - 1 Mile
 Higher**

KS WELLS KS6000000158084

Well id:	360098	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	10	Spot:	SW SW
Longitude:	-94.62799	Latitude:	38.84206
Long lat t:	From PLSS	Owner:	White, Robert L
Well use:	(unstated)/abandoned		
Comple dat:	30-May-1963		
Status:	PLUGGED	Other id:	2
Dwr number:	Not Reported		
Directions:	Stilwell		
Well depth:	70	Elev:	Not Reported
Static dep:	25	Est yield:	10
Driller:	H. R. Swank		

**F34
 NE
 1/2 - 1 Mile
 Lower**

KS WELLS KS6000000157835

Well id:	388986	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	15	Spot:	NE NE NW
Longitude:	-94.62218	Latitude:	38.83933
Long lat t:	From PLSS	Owner:	Williams Companies
Well use:	Monitoring well/observation/piezometer		
Comple dat:	24-Jul-2006		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	20.5	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Below Ground Surface, Inc.		

F35
NE
1/2 - 1 Mile
Lower

KS WELLS KS6000000157836

Well id:	388987	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	15	Spot:	NE NE NW
Longitude:	-94.62218	Latitude:	38.83933
Long lat t:	From PLSS	Owner:	Williams Companies
Well use:	Monitoring well/observation/piezometer		
Comple dat:	24-Jul-2006		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	14.25	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Below Ground Surface, Inc.		

F36
NE
1/2 - 1 Mile
Lower

KS WELLS KS6000000157837

Well id:	388988	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	15	Spot:	NE NE NW
Longitude:	-94.62218	Latitude:	38.83933
Long lat t:	From PLSS	Owner:	Williams Companies
Well use:	Monitoring well/observation/piezometer		
Comple dat:	24-Jul-2006		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	17	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Below Ground Surface, Inc.		

37
NNE
1/2 - 1 Mile
Higher

KS WELLS KS6000000158049

Well id:	410932	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	10	Spot:	SW SE SW
Longitude:	-94.624499	Latitude:	38.841149
Long lat t:	From PLSS	Owner:	The Williams Companies
Well use:	Monitoring well/observation/piezometer		
Comple dat:	11-Jan-2008		
Status:	PLUGGED	Other id:	MW 8
Dwr number:	Not Reported		
Directions:	from 159th St and Mission Rd, Overland Park: 1000' E on 159th St,		
Well depth:	22	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep: 13.5 Est yield: Not Reported
 Driller: Below Ground Surface, Inc.

38
NNE
1/2 - 1 Mile
Higher

KS WELLS KS6000000158259

Well id:	421722	County:	Johnson
Township:	14	Tw n dir:	S
Range:	25	Range dir:	E
Section:	10	Spot:	NW SW SW
Longitude:	-94.62916	Latitude:	38.842963
Long lat t:	From PLSS	Owner:	Waters Edge Land Co
Well use:	Other		
Comple dat:	07-Nov-2008		
Status:	CONSTRUCTED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	Not Reported		
Well depth:	230	Elev:	Not Reported
Static dep:	110	Est yield:	Not Reported
Driller:	Jesse Yoakum Well Drilling		

39
SSE
1/2 - 1 Mile
Higher

FED USGS USGS2623941

Agency cd:	USGS	Site no:	384906094373701
Site name:	14S 25E 22BDD 01		
Latitude:	384906	EDR Site id:	USGS2623941
Longitude:	0943737	Dec lat:	38.8183415
Dec lon:	-94.62717835	Coor meth:	M
Coor accr:	T	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	20
State:	20	County:	091
Country:	US	Land net:	SESENWS22 T14S R25E 6
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	1022.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5.		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Lower Missouri Crooked. Kansas, Missouri. Area = 2650 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	CST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	209	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Peak flow data begin date:	0000-00-00	Daily flow data count:	0
		Peak flow data end date:	0000-00-00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count: 0	Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00	Water quality data count: 0
Ground water data begin date: 1956-08-01	Ground water data end date: 1956-08-01
Ground water data count: 1	

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1956-08-01	109.00	

**40
NE
1/2 - 1 Mile
Higher**

KS WELLS KS6000000158050

Well id:	410931	County:	Johnson
Township:	14	Twn dir:	S
Range:	25	Range dir:	E
Section:	10	Spot:	SE SE SW
Longitude:	-94.622169	Latitude:	38.841153
Long lat t:	From PLSS	Owner:	The Williams Companies
Well use:	Monitoring well/observation/piezometer		
Comple dat:	11-Jan-2008		
Status:	PLUGGED	Other id:	MW 2
Dwr number:	Not Reported		
Directions:	from 159th St and Mission Rd, Overland Park: 1000' E on 159th St,		
Well depth:	22	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Below Ground Surface, Inc.		

**G41
NNE
1/2 - 1 Mile
Higher**

KS WELLS KS6000000158260

Well id:	410930	County:	Johnson
Township:	14	Twn dir:	S
Range:	25	Range dir:	E
Section:	10	Spot:	NW SE SW
Longitude:	-94.624501	Latitude:	38.842976
Long lat t:	From PLSS	Owner:	The Williams Companies
Well use:	Monitoring well/observation/piezometer		
Comple dat:	11-Jan-2008		
Status:	PLUGGED	Other id:	MW 5
Dwr number:	Not Reported		
Directions:	from 159th St and Mission Rd, Overland Park: 1000' E on 159th St,		
Well depth:	14	Elev:	Not Reported
Static dep:	Not Reported	Est yield:	Not Reported
Driller:	Below Ground Surface, Inc.		

**G42
NNE
1/2 - 1 Mile
Higher**

KS WELLS KS6000000158262

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well id:	332452	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	10	Spot:	NW SE SW
Longitude:	-94.6245	Latitude:	38.84298
Long lat t:	From PLSS	Owner:	Williams Pipeline Co.
Well use:	Monitoring well/observation/piezometer		
Comple dat:	19-Aug-2002		
Status:	PLUGGED	Other id:	TPZ 103
Dwr number:	Not Reported		
Directions:	from Kenneth: 1.5 mi S, 1 mi W		
Well depth:	11	Elev:	Not Reported
Static dep:	4	Est yield:	Not Reported
Driller:	Geotechnical Services, Inc.		

**G43
NNE
1/2 - 1 Mile
Higher**

KS WELLS KS6000000158261

Well id:	303163	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	10	Spot:	NW SE SW
Longitude:	-94.6245	Latitude:	38.84298
Long lat t:	From PLSS	Owner:	Williams Pipeline Co.
Well use:	Lawn and Garden - domestic only		
Comple dat:	23-Mar-1999		
Status:	PLUGGED	Other id:	Not Reported
Dwr number:	Not Reported		
Directions:	3410 West 159th Street, Stanley, KS		
Well depth:	32.5	Elev:	Not Reported
Static dep:	20.6	Est yield:	Not Reported
Driller:	Williams Pipeline		

**G44
NNE
1/2 - 1 Mile
Higher**

KS WELLS KS6000000158264

Well id:	332455	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	10	Spot:	NW SE SW
Longitude:	-94.6245	Latitude:	38.84298
Long lat t:	From PLSS	Owner:	Williams Pipeline Co.
Well use:	Monitoring well/observation/piezometer		
Comple dat:	19-Aug-2002		
Status:	PLUGGED	Other id:	TPZ 107
Dwr number:	Not Reported		
Directions:	from Kenneth: 1.5 mi S, 1 mi W		
Well depth:	7.5	Elev:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Static dep:	6.5	Est yield:	Not Reported
Driller:	Geotechnical Services, Inc.		

**G45
NNE
1/2 - 1 Mile
Higher**

KS WELLS KS6000000158263

Well id:	332454	County:	Johnson
Township:	14	Twon dir:	S
Range:	25	Range dir:	E
Section:	10	Spot:	NW SE SW
Longitude:	-94.6245	Latitude:	38.84298
Long lat t:	From PLSS	Owner:	Williams Pipeline Co.
Well use:	Monitoring well/observation/piezometer		
Comple dat:	19-Aug-2002		
Status:	PLUGGED	Other id:	TPZ 106
Dwr number:	Not Reported		
Directions:	from Kenneth: 1.5 mi S, 1 mi W		
Well depth:	17.5	Elev:	Not Reported
Static dep:	8.5	Est yield:	Not Reported
Driller:	Geotechnical Services, Inc.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1

North
1/2 - 1 Mile

OIL_GAS KSOG70000370222

Kid:	1026598203	County cod:	91
State code:	15	Api workov:	Not Reported
Api well n:	20211	Well name:	1
Field name:	Not Reported		
Field kid:	0		
Lease name:	KUHLMAN		
Well class:	Approved Intent to Drill		
Operator n:	KUHLMAN DIECASTING		
Operator k:	0		
Principal :	Not Reported	Township:	14
Township d:	S	Range:	25
Range dire:	E	Section:	16
Subdivisio:	NE	Subdivis 1:	NE
Subdivis 2:	Not Reported	Subdivis 3:	Not Reported
Spot:	Not Reported	Feet north:	0
Feet east :	0	Reference :	Not Reported
Rotary tot:	620	Status:	D&A
Spud date:	12/22/1982	Permit dat:	07/01/1981
Completion:	02/12/1983	Api number:	15-091-20211
Plug date:	06/01/1980		
Elevation1:	0		
Elevatio 1:	0		
Producing :	Not Reported		
Nad27 lati:	38.8383905		
Nad27 long:	-94.6326613		
Nad83 lati:	38.8383984		
Nad83 long:	-94.6328955		
Site id:	KSOG70000370222		

2

SSW
1/2 - 1 Mile

OIL_GAS KSOG70000367789

Kid:	1026598593	County cod:	91
State code:	15	Api workov:	Not Reported
Api well n:	20461	Well name:	1
Field name:	Not Reported		
Field kid:	0		
Lease name:	DOUGLAS		
Well class:	Approved Intent to Drill		
Operator n:	RICHARD DOUGLAS		
Operator k:	0		
Principal :	Not Reported	Township:	14
Township d:	S	Range:	25
Range dire:	E	Section:	21
Subdivisio:	NE	Subdivis 1:	Not Reported
Subdivis 2:	Not Reported	Subdivis 3:	Not Reported
Spot:	Not Reported	Feet north:	-1000
Feet east :	3240	Reference :	NW
Rotary tot:	760	Status:	D&A
Spud date:	07/01/1985	Permit dat:	09/28/1981
Completion:	07/09/1985	Api number:	15-091-20461
Plug date:	10/01/1981		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Elevation1: 0
 Elevatio 1: 0
 Producing : Not Reported
 Nad27 lati: 38.8228994
 Nad27 long: -94.6376228
 Nad83 lati: 38.8229075
 Nad83 long: -94.6378571
 Site id: KSOG70000367789

3

NE

1/2 - 1 Mile

OIL_GAS

KSOG70000370021

Kid:	1029100062		
State code:	15	County cod:	91
Api well n:	20684	Api workov:	Not Reported
Field name:	Not Reported		
Field kid:	0		
Lease name:	BRIGGS	Well name:	2
Well class:	Plugged and Abandoned		
Operator n:	M. L. BRIGGS		
Operator k:	0		
Principal :	6	Township:	14
Township d:	S	Range:	25
Range dire:	E	Section:	15
Subdivisio:	NW	Subdivis 1:	NE
Subdivis 2:	SE	Subdivis 3:	SE
Spot:	Not Reported	Feet north:	-1220
Feet east :	2500	Reference :	NW
Rotary tot:	580	Status:	D&A
Spud date:	10/30/1976	Permit dat:	11/24/1982
Completion:	12/03/1982	Api number:	15-091-20684
Plug date:	04/01/1982		
Elevation1:	0		
Elevatio 1:	0		
Producing :	Not Reported		
Nad27 lati:	38.8368893		
Nad27 long:	-94.6215472		
Nad83 lati:	38.8368973		
Nad83 long:	-94.6217811		
Site id:	KSOG70000370021		

4

NE

1/2 - 1 Mile

OIL_GAS

KSOG70000370405

Kid:	1029098184		
State code:	15	County cod:	91
Api well n:	20683	Api workov:	Not Reported
Field name:	Not Reported		
Field kid:	0		
Lease name:	BRIGGS	Well name:	1
Well class:	Plugged and Abandoned		
Operator n:	J. L. BRIGGS		
Operator k:	0		
Principal :	6	Township:	14

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Township d:	S	Range:	25
Range dire:	E	Section:	15
Subdivisio:	NW	Subdivis 1:	NE
Subdivis 2:	NW	Subdivis 3:	NE
Spot:	Not Reported	Feet north:	-165
Feet east :	1960	Reference :	NW
Rotary tot:	600	Status:	D&A
Spud date:	08/08/1990	Permit dat:	07/11/1990
Completion:	10/18/1990	Api number:	15-091-20683
Plug date:	04/01/1982		
Elevation1:	0		
Elevatio 1:	0		
Producing :	Not Reported		
Nad27 lati:	38.8397833		
Nad27 long:	-94.6234432		
Nad83 lati:	38.8397913		
Nad83 long:	-94.6236772		
Site id:	KSOG70000370405		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: KS Radon

Radon Test Results

Zipcode	Avg Radon	Max Radon	Num Tests
66085	4.4	52.4	278

Federal EPA Radon Zone for JOHNSON County: 1

- 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: 66085

Number of sites tested: 3

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.600 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.900 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 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

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

SSURGO: Soil Survey Geographic Database

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

Telephone: 800-672-5559

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

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

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

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

STATE RECORDS

Kansas Water Well Completion Records Database

Source: Kansas Geological Survey

Telephone: 913-864-3965

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Location Database Listing

Source: Kansas Geological Survey

Telephone: 785-864-3965

RADON

State Database: KS Radon

Source: Department of Health & Environment

Telephone: 785-296-1500

Kansas Indoor Radon Measurements

Area Radon Information

Source: USGS

Telephone: 703-356-4020

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

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

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

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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DRAFT – Phase I Environmental Site Assessment Report – Kuhlman Diecasting Site

Stanley, Kansas



Appendix F– Site Photographs

Submitted By:



Environment International Government Ltd.
5505 34th Ave. NE
Seattle, WA 98105
Phone: (206)525-3362 Fax: (206)525-0869
Gwen.Porus@eigov.us

**Kuhlman Diecasting Site
Stanley, Kansas**



<p align="center">Targeted Brownfields Assessment</p> <p>Direction: Northwest</p>	DESCRIPTION	This photograph shows the front of the Kuhlman Diecasting site building. The building is inactive and in a dilapidated condition.	1
	CLIENT	Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Jeff Pritchard	9-14-11



<p align="center">Targeted Brownfields Assessment</p> <p>Direction: West</p>	DESCRIPTION	This photograph shows the loading dock on the southwest corner of the site building.	2
	CLIENT	Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Jeff Pritchard	9-14-11

**Kuhlman Diecasting Site
Stanley, Kansas**



Targeted Brownfields Assessment Direction: Northeast	DESCRIPTION	This photograph shows the interior of the site building.	3
	CLIENT	Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Jeff Pritchard	9-14-11



Targeted Brownfields Assessment Direction: East	DESCRIPTION	This photograph shows the interior of the site building.	4
	CLIENT	Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Jeff Pritchard	9-14-11

**Kuhlman Diecasting Site
Stanley, Kansas**



Targeted Brownfields Assessment Direction: North	DESCRIPTION	This photograph shows the capped lagoon located on the northwest corner of the subject property.	5
	CLIENT	Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Jeff Pritchard	9-14-11



Targeted Brownfields Assessment Direction: North	DESCRIPTION	This photograph shows the area north of the subject property. Residential homes are visible in the distance.	6
	CLIENT	Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Jeff Pritchard	9-14-11

**Kuhlman Diecasting Site
Stanley, Kansas**



Targeted Brownfields Assessment Direction: Northeast	DESCRIPTION	This photograph shows monitoring well GM-1 located in the north portion of the site.	7
	CLIENT	Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Jeff Pritchard	9-14-11



Targeted Brownfields Assessment Direction: East	DESCRIPTION	This photograph shows the north process water basin.	8
	CLIENT	Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Jeff Pritchard	9-14-11

**Kuhlman Diecasting Site
Stanley, Kansas**



Targeted Brownfields Assessment Direction: South	DESCRIPTION	This photograph shows the south process water basin, which did not contain any water during the site reconnaissance.	9
	CLIENT	Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Jeff Pritchard	9-14-11



Targeted Brownfields Assessment Direction: NA	DESCRIPTION	This photograph shows basement that contained water during the site reconnaissance.	10
	CLIENT	Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Jeff Pritchard	9-14-11

DRAFT – Phase I Environmental Site Assessment Report – Kuhlman Diecasting Site Stanley, Kansas



Appendix G– Resumes

Submitted By:



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Gwen.Porus@eigov.us



JEFFREY E. PRITCHARD
Senior Environmental Scientist

SPECIALTIES

- CERCLA/OPA/Counter-terrorism Emergency Responses
- Removal Site Evaluations
- CERCLA Site Assessments
- Targeted Brownfields Assessments
- Removal Actions
- Enforcement Support
- Field Screening
- Air Monitoring
- SPCC Plan Review/Inspections

EDUCATION

- B.G.S., Environmental Studies, University of Kansas, Lawrence, Kansas

PROFESSIONAL CERTIFICATIONS

- Certified Hazardous Materials Manager – Master Level
- NIOSH 582 Certified Microscopist
- AHERA Asbestos Inspector
- Licensed Well Driller Contractor, Missouri and Iowa

RELEVANT EXPERIENCE

Mr. Pritchard has over 12 years of experience in emergency response and environmental site assessment and cleanup activities. Mr. Pritchard has been with Seagull Environmental Technologies, Inc., for more than 8 years, where he has served as a staff Environmental Scientist and Project Manager. During his tenure with the company, he has effectively proven his ability to maintain strong customer relationships, efficiently use corporate resources, and successfully manage multi-disciplinary teams, as required to meet contractual and project obligations. He has successfully managed over 85 task orders under the United States Environmental Protection Agency (EPA) Region 7 Superfund Technical Assessment and Response Team (START) contracts (START I, II, and III, from 1999 to present), EPA Region 7 Technical Assistance (TA) contract (from 2001 to 2005), and EPA Mini-START contract (2009 to present). Mr. Pritchard currently serves as the Deputy Readiness Coordinator for the EPA Region 7 START III contract and as the Site Assessment Manager for the EPA Region 7 Mini-START contract. Mr. Pritchard has managed or participated in over 175 site assessments, 65 emergency responses, and 40 removal actions. He has prepared budget estimates; project cost tracking summaries; quality assurance project plans (QAPP); and reports for emergency responses, Removal Site Evaluations (RSE), Pre-Comprehensive Environmental Response, Compensation, and Liability Information System (Pre-CERCLIS) screening assessments, Preliminary Assessments (PA), Site Inspections (SI), Integrated Site Assessments (ISA),

Expanded Site Inspections (ESI), Targeted Brownfields Assessments (TBA), and Spill Prevention, Control, and Countermeasures (SPCC) inspections.

Mr. Pritchard has extensive knowledge and experience with direct-push technology, which he has applied at numerous EPA and private sector projects. Furthermore, Mr. Pritchard has conducted training on direct-push technology to clients. Mr. Pritchard is also a certified asbestos inspector and trained microscopist. The experiences gained from working with various federal, state, and local agencies, along with private sectors, have not only provided Mr. Pritchard with knowledge of relevant and applicable environmental laws, protocols, and standard operating procedures (SOP), but also the skill set associated with community involvement.

Before joining Seagull, Mr. Pritchard was a project manager for the EPA Region 7 START 1 contract from 1999 to 2000. From 1998 to 1999, Mr. Pritchard was the environmental coordinator for a private water utility company, where his duties involved establishing a sampling and analysis program to ensure federal and state compliance for the company's 100-plus water systems.

Emergency Response

Mr. Pritchard has participated in over 65 emergency responses in the last 10 years. For those responses, he has assessed multiple situations that have included: counter-terrorism incidents, natural disasters, explosive chemicals, toxic air releases, oil spills, abandoned containers, tire fires, mercury spills, and illegal chemical storage and distribution activities.

In 2007, Mr. Pritchard responded to chemical plant fires in Kansas City, Missouri, and Des Moines, Iowa. Mr. Pritchard coordinated response activities with state and federal emergency responders. Response activities included the collection of real-time air quality data and multi-media samples. Sample results were used to evaluate contaminant exposure levels and the necessity for follow up cleanup activities.

In 2002, Mr. Pritchard responded to a tire fire in Nebraska City, Nebraska, where four grain silos containing recycled rubber tires had caught fire and exploded. During the two-week response, Mr. Pritchard was responsible for documenting site conditions, conducting air sampling and real-time air monitoring, and coordinating the containment, sampling, and disposal of oil and wastewater generated from the ongoing fire-fighting efforts. In addition, Mr. Pritchard corresponded with regulatory authorities from the State of Nebraska and the United States Army Corps of Engineers to ensure compliance with all applicable laws and regulations.

In 2001, he responded to a recycling facility in Macy, Nebraska, where 200 drums and containers had been abandoned. Mr. Pritchard conducted an entry in Level B personal protective equipment (PPE) to inventory and sample the abandoned containers. He performed hazard classification field screening, determined appropriate waste streams, and collected additional samples for waste disposal profiling. The data generated from the response was used to assist EPA and local officials with coordinating proper disposal of the containers.

At the Creighton Chemical site, Mr. Pritchard led emergency response activities to assess numerous containers of degraded cyanide and other poisons formerly used for wildlife and pest control. Mr. Pritchard conducted sampling activities in Level B PPE, air monitoring, field screening of materials using a HazMat ID portable Fourier Transform Infrared (FTIR) spectrometer, and packaging of segregated waste streams for proper disposal.

In 2004, Mr. Pritchard conducted emergency response activities at the Omaha Fireworks site, where 200 pounds of explosive materials were discovered. Mr. Pritchard assisted authorities from EPA; the Bureau of Alcohol, Tobacco, and Firearms (ATF); and the Omaha Sheriff's Department with identifying and segregating compatible chemicals and materials for safe transport and cost-effective disposal.

Since 2000, Mr. Pritchard has responded to more than 30 spills of elemental mercury. Those spills have occurred at residences, schools, hospitals, and commercial businesses. At those sites, Mr. Pritchard performed real-time air monitoring and air sampling to confirm cleanup goals had been achieved, and conducted oversight of cleanup activities to ensure the proper removal of mercury-contaminated materials.

Site Assessments

CERCLA Site Assessments and Removal Site Evaluations

Mr. Pritchard has participated in a wide variety of site assessment activities that have involved the following types of contaminants: fumigants, solvents, wood treatment byproducts, chemical warfare agents, metals, pesticides, herbicides, perchlorate, and wastes derived from Former Manufactured Gas Plants (FMGP).

Mr. Pritchard has managed on-going site assessment activities at the West Highway 6 and Highway 281 site in Hastings, Nebraska. Mr. Pritchard manages a project team that collects quarterly groundwater samples from a network of 30 monitoring wells and monthly collection of samples from the site's soil vapor extraction (SVE) system and groundwater treatment system. Sample data is compiled and evaluated to determine the need for additional assessment work.

Mr. Pritchard managed site assessment, demolition, and removal of entire city blocks (including existing buildings and structures) as part of the City of Kansas City, Missouri, KC Live Project. Management responsibilities included assessment of environmental media, quantification of contamination as well as the coordination of demolition activities and proper disposal of contaminated subsurface soils/media. In addition, on-site project management duties involved oversight of the complete interior gutting and asbestos/mold abatement of a historic downtown theater for future renovation.

Mr. Pritchard managed removal reassessment activities at the Ogallala Groundwater OU2 site. Mr. Pritchard led site activities to reassess a potential source area, which involved the collection of subsurface soil samples to delineate the vertical and horizontal extent of tetrachloroethene-contaminated soil. Analytical results were incorporated into a remedial evaluation report to assist with determining future cleanup activities.

In 2002, Mr. Pritchard led a project team that assessed more than 100 former wood treatment facilities in Missouri. The team evaluated historical information to identify the former sites. Once identified, field team members conducted site visits where information was collected to document current site conditions and potential contamination of environmental media.

Mr. Pritchard managed the Clarke County Pesticide site, where over 250 containers of banned pesticides and herbicides were suspected to have been buried. He conducted sampling of soil, surface water, and groundwater, and coordinated a geotechnical survey to locate the buried materials.

Mr. Pritchard has conducted PA/SIs at numerous Formerly Used Defense Sites (FUDS) in EPA Region 7, including Schilling Atlas sites, Forbes Atlas sites, Lincoln Atlas sites, Garden City Army Airfield, and Ainsworth Army Airfield. At those sites, he managed field teams that collected thousands of multi-media samples (soil, groundwater, surface water, sediment, and air) to provide data necessary for Hazard Ranking System (HRS) scoring.

At the Albert City SBA site in Albert City, Iowa, Mr. Pritchard led field activities that involved sampling drinking water wells, monitoring wells, storm sewers, soil, and indoor air for volatile organic compounds (VOC). The data were incorporated into a RSE report to assist EPA with evaluating the need for further Superfund response at the site.

At numerous START sites across EPA Region 7, Mr. Pritchard has conducted sampling of ambient air, indoor air, and soil gas to evaluate potential threats to human health from vapor intrusion via contaminated soil and groundwater.

Targeted Brownfields Assessments

Under the EPA Region 7 START, TA, and Mini-START contracts, Mr. Pritchard has managed or participated in over 30 TBAs (including Phase I and Phase II Environmental Site Assessments [ESA] and Brownfields Inventory Assessments), including the Lakeside Salvage site, American Recycling site, Bonne Terre Mining site, and Waterloo Dry Cleaner site. In 2004, Mr. Pritchard managed a TBA at the Springfield FMGP site, where multi-media samples were collected to assess contamination associated with the former FMGP, which operated at three separate locations. The site involved coordination with federal, state, and local officials, as well as private entities.

Removal Actions

Mr. Pritchard was the project manager at the Prime Western Smelter site in Gas, Kansas, where 100,000 cubic yards of lead-contaminated soil was removed. Mr. Pritchard led a field team that characterized the 100-acre site for lead-contaminated soil using a Niton x-ray fluorescence (XRF) spectrometer. During the removal activities, Mr. Pritchard coordinated excavation activities, conducted air sampling to ensure the public was not exposed to fugitive releases of lead-contaminated dust, and verified the achievement of cleanup goals following excavation.

In Omaha, Nebraska, Mr. Pritchard managed the Former Lorenz Chemical site, which included a RSE and subsequent removal action. During the RSE, Mr. Pritchard utilized direct-push technology to delineate the vertical and horizontal extent of contaminated soil. Based on those results, 4,000 tons of pesticide-contaminated soil was excavated during a subsequent removal action. During the removal activities, he operated six high-volume PS-1 air samplers around the site perimeter to assess threats to human health and the environment posed by the removal activities. In addition, Mr. Pritchard monitored the work of site contractors to ensure cost effectiveness, timeliness, and compliance with contract specifications.

In Carthage, Missouri, he managed the Show Me Chrome site, where 3,000 gallons of plating-related wastes were removed for proper disposal. Mr. Pritchard characterized the plating wastes and conducted oversight on the safe and proper removal of the wastes for transfer to a disposal facility.

At the lead-contaminated Lohman Property site in Peoria, Kansas, he compiled subsurface sampling data based on Niton XRF screening for lead in soils. The data were used to plan for the removal of 1,000 tons of lead-contaminated soil from the site.

Mr. Pritchard managed the Ava Chlordane site, where chlordane had been sprayed in an occupied duplex residence. He collected air and dust/wipe samples from the residence to evaluate threats posed to the residents. Sampling data were also utilized to assist EPA with establishing cleanup levels. Removal activities involved a complete interior cleaning and encapsulation of the residence, followed by air sampling to confirm achievement of the cleanup levels.

Mr. Pritchard managed the removal of mercury-contaminated material from several residences in Missouri Valley, Iowa, where over 10 pounds of elemental mercury had been spilled. His responsibilities included documentation of the cleanup activities, which involved the removal of carpet, flooring, wood decking, concrete, and personal items. In addition, Mr. Pritchard collected samples of the waste streams for evaluating disposal options.

Preparedness and Prevention

Homeland Security

Mr. Pritchard has been trained on numerous issues associated with large-scale Homeland Security-related incidents, including counter-terrorism. He has received extensive training for response to incidents involving nuclear, biological, and chemical warfare agents. In addition, Mr. Pritchard has received advanced-level training on the Incident Command System (ICS).

Mr. Pritchard has been a participant in several EPA-sponsored exercises involving emergency responses to chemical, biological, and radiological incidents. In 2004, at the large-scale EPA Region 7 exercise entitled "Ruby Slippers", Mr. Pritchard was a hazardous materials expert on a field team comprised of EPA radiation personnel. He was tasked to identify hazardous materials, particularly those presenting a radiation threat, which could endanger human health and the environment. Mr. Pritchard utilized real-time air monitoring equipment and a personal data assistant (PDA) to record air monitoring results and transfer the information to the Command Post to enable rapid display of the data.

Mr. Pritchard was a member of the exercise development team that created and implemented a 3-day exercise to evaluate the state of Missouri's response capabilities to a catastrophic earthquake. Mr. Pritchard developed exercise documents including player handbooks and the exercise plan. In addition, Mr. Pritchard served as a controller/evaluator for the functional exercise. Lessons and insight gathered from the exercise were compiled in an after action report to be used to facilitate change/improvement in the state's response strategies/capabilities.

Other Technical Support

Federal Disaster Support

In 2008, Mr. Pritchard managed START field teams that responded to large-scale natural disasters in Iowa. START assistance was provided to EPA at the Parkersburg Tornado site and the Iowa Flooding Event. In particular, Mr. Pritchard managed START field teams that conducted daily air sampling and monitoring for asbestos and particulates in six Iowa cities that were impacted by the natural disasters.

In 2007, Mr. Pritchard led EPA Region 7 START contractors in response to an EF-5 tornado that destroyed Greensburg, Kansas. Mr. Pritchard led a multi-disciplinary team of emergency responders and technical support personnel that provided services to local, state, and federal entities. Initial response activities included, but were not limited to, conducting air monitoring throughout the City and providing technical assistance and oversight during the response to releases and potential releases of hazardous materials. In response to the tornado-related damage and the recovery assistance required, FEMA tasked EPA with an ESF-10 mission assignment. Mr. Pritchard managed the ESF-10 mission assignment activities that addressed recovery and proper handling/disposal of HHW and white goods, assessment and removal of PCB-contaminated media related to tornado-damaged electrical transformers (including characterization of damaged transformers), and collection of multi-media samples (as needed) to ensure protection of human health and the environment. Specific ESF-10 site activities included collection of soil samples from staging and disposal areas prior to their use for cleanup activities to determine baseline concentrations; real-time air monitoring for particulates and other contaminants; air sampling for site-related contaminants (asbestos, metals, and PAHs); and collection of bulk samples from structural and demolition debris for asbestos analysis to determine safe demolition techniques. Additional ESF-10 activities included an assessment of the City's power grid to identify and characterize transformer oil spills at areas potentially contaminated with PCBs, excavation of PCB-contaminated soil associated with those spills, and characterization of the recovered transformers to determine disposal/recycling options.

In 2006, Mr. Pritchard supported EPA Region 4 in the response to Hurricane Katrina. In the hurricane-devastated areas of coastal Mississippi, Mr. Pritchard conducted reconnaissance of flooded areas for hazardous materials. He identified "orphan" containers of hazardous materials and monitored retrieval of the materials to central staging areas for characterization.

Spill Prevention, Control, and Countermeasure Inspections

Mr. Pritchard was the project manager for START field teams that assisted EPA in conducting SPCC inspections of facilities and plans. His responsibilities were to correspond with EPA to determine the level of effort needed to complete the required inspections over a short time period, coordinate field teams, provide equipment and supplies necessary to fulfill inspection requirements, and complete post-inspection reports.

Air Quality Studies

Mr. Pritchard has conducted ambient air monitoring and sampling at numerous hazardous waste sites involved with removal activities and site assessment investigations. For the Region 7 START contract, Mr. Pritchard has been responsible for the maintenance and calibration of PS-1 high-volume samplers and low-

volume personal sampling pumps. In addition, Mr. Pritchard has developed air monitoring and sampling work plans and trained START members on proper procedures for conducting air quality investigations.

EMPLOYMENT HISTORY

Seagull Environmental Technologies, Inc., Overland Park, Kansas, Environmental Scientist, 2001 to Present.

Ecology and Environment, Inc., Overland Park, Kansas, Environmental Scientist, 1999 to 2001.

U.S. Utilities, Inc., Valdosta, Georgia and Columbia, South Carolina, Environmental Coordinator, 1998 to 1999.

Environmental Specialist, Douglas, Georgia, Environmental Scientist, 1997 to 1998.

TRAINING

40-Hour Hazardous Waste Operations Training, Buffalo, New York, 1999

8-Hour Refresher Training, Overland Park, Kansas, Annually from 1999 to Present

Regional Hazardous Material Transportation (DOT), Buffalo, New York, 1999

Incident Command Level Training for Nuclear, Biological, and Chemical Emergency Responder, Kansas City, Kansas, 2001

EPA Advance Radiation Response Training, Kansas City, Kansas, 2004

SCBA Operation and Maintenance Training, Lenexa, Kansas, 2002

ER/CT Response Training, Lenexa, Kansas, 2004

Field Documentation Training, Lenexa, Kansas, 2004

Niton Spectrometer Analyzer Radiation Safety Training, Kansas City, Kansas, 2004

Field Screening Technologies, Lenexa, Kansas, 2004

Level A Personal Protective Equipment Response, Lenexa, Kansas, 2001

Clandestine Methamphetamine Laboratory Response Training, Ames, Iowa, 2001

Confined Space Entry and Rescue Training Course, Lenexa, Kansas, 2001

Freshwater Oil Spill Symposium, New Orleans, Louisiana, 2004

SENSIR HazMatID, Overland Park, Kansas, 2004

Air Monitoring for Hazardous Materials, Ft. Leavenworth, Kansas, 2003

Incident Command System, Basic I-200 for Federal Disaster Workers, Lenexa, Kansas, 2004

Incident Command System, I-300, Duluth, Georgia, 2005

Scribe Database Training, Lenexa, Kansas, 2004

Hazard Ranking System Training, Kansas City, Kansas, 2005

NIOSH 582 Microscopy, Lawrence, Kansas, 2006

AHERA Asbestos Inspector Training, Lawrence, Kansas, 2006

Incident Command System, I-400, Kansas City, Missouri, 2008