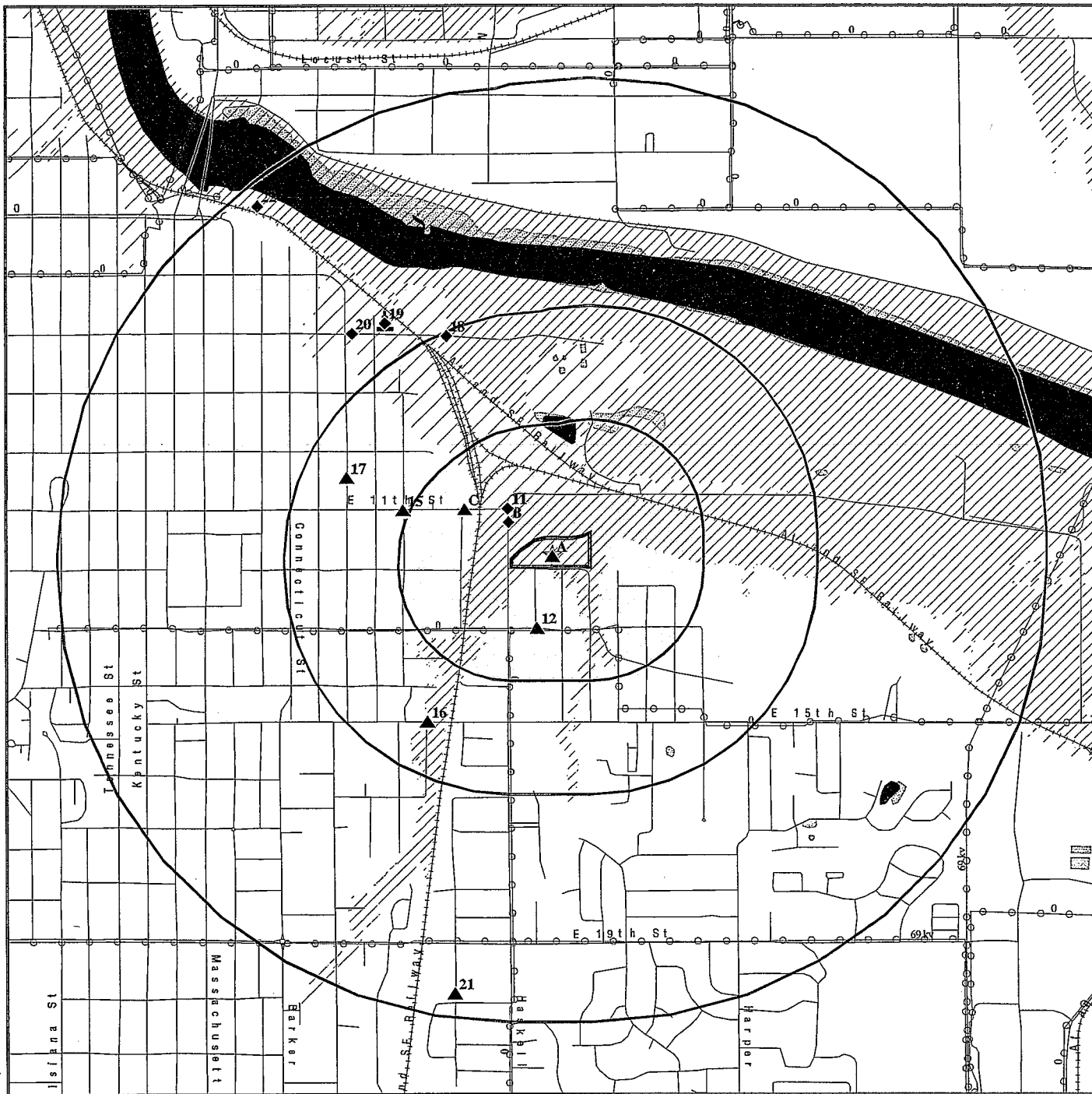
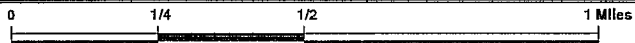


OVERVIEW MAP - 3663958.2s



- 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.

<p>SITE NAME: 12th & Haskell Recycle Center ADDRESS: 1146 Haskell Ave. Lawrence KS 66044 LAT/LONG: 38.9623 / 95.2217</p>	<p>CLIENT: Larsen & Associates Inc. CONTACT: Lisa Larsen INQUIRY #: 3663958.2s DATE: July 12, 2013 2:25 pm</p>
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MAPPED SITES SUMMARY

Target Property Address:
 1146 HASKELL AVE.
 LAWRENCE, KS 66044

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft.) DIRECTION
A1	TWELFTH AND HASKELL	1146 HASKELL AVENUE	FINDS		TP
A2		1146 HASKELL AVE	EDR US Hist Auto Stat		TP
A3	12TH & HASKELL RECYC	1146 HASKELL AVE	FINDS		TP
A4	12TH & HASKELL RECYC	1146 HASKELL AVE	RCRA-CESQG		TP
A5	TWELFTH AND HASKELL	1146 HASKELL AVENUE	US AIRS		TP
B6	CITY SANITATION DEPT	1140 HASKELL	RCRA-CESQG, FINDS	Lower	240, WNW
B7	HASKELL FUEL STATION	1140 HASKELL AVE	LUST, UST, Financial Assurance	Lower	240, WNW
B8	CITY OF LAWRENCE GAR	1141 HASKELL	RCRA NonGen / NLR, US AIRS	Lower	246, WNW
B9	LAWRENCE MAINTENANCE	1141 HASKELL	LUST, UST, Financial Assurance	Lower	246, WNW
B10	LAWRENCE STREET DEPT	1120 HASKELL	RCRA NonGen / NLR, FINDS	Lower	348, NW
11	LAWRENCE SATELLITE P	11TH AND HASKELL	SHWS	Lower	482, NW
12		1102 E 13TH ST	EDR US Hist Auto Stat	Higher	705, SSW
C13		920 E 11TH ST	EDR US Hist Auto Stat	Higher	805, WNW
C14	DONS AUTO CTR INC	920 E 11TH	RCRA NonGen / NLR, FINDS	Higher	805, WNW
15	KANSAS PUBLIC SERVIC	11TH & DELAWARE	SHWS	Higher	1387, WNW
16	MORTON BLDG MATERIAL	900 E 15TH	RCRA NonGen / NLR, FINDS, LUST, UST, AST	Higher	2048, SW
17	DAISY J. THOMPSON	1045 NEW JERSEY	LUST, UST	Higher	2133, WNW
18	CITY OF LAWRENCE	901 E. 8TH STREET	SWF/LF	Lower	2584, NNW
19	KANSAS PUBLIC SERVIC	620 E 8TH (NE CORNER	EDR MGP	Lower	3060, NW
20	KANSAS PUBLIC SERVIC	620 E. 8TH STREET	SHWS, INST CONTROL	Lower	3185, NW
21	FARMERS COOP - SOUTH	2001 MOODIE RD	SHWS, VCP	Higher	4993, SSW
22	LAWRENCE RIVER FRONT		SHWS	Lower	5027, NW

Regulatory Records Documentation

Federal Records Reviewed

- National Priorities List (NPL)
- Proposed NPL
- Comprehensive, Environ. Response, Compensation, and Liability Info. System (CERCLIS)
- CERCLIS No Further Remedial Action Planned (CERC-NFAP)
- Corrective Action Report (CORRACTS)
- Resource Conservation and Recovery Information System (RCRIS-TSD)
- Resource Conservation and Recovery Information System (RCRIS-LQG)
- Emergency Response (ERNS)
- Superfund (CERCLA) Consent Decrees
- Records of Decision (ROD)
- NPL Deletions (Delisted NPL sites)
- Federal Superfund Liens (NPL Liens)
- PCB Activity Database System (PADS)
- RCRA Administrative Action Tracking System (RAATS)
- Toxic Chemical Release Inventory System (TRIS)
- Toxic Substance Control Act (TSCA)
- Section 7 Tracking Systems (SSTS)
- Federal Insecticide, Fungicide, and Rodenticide Act and TSCA Act (FTTS)
- Topographic Map (*Figure 1*): U.S.G.S. Independence Quadrangles 1:24000
- Federal Data from BLM, NPS, Forest Service, Fish and Wildlife Services, and BIA
- Endangered Species Protection Program Database
- Flood Zone Information from Federal Emergency Mgmt Agency (FEMA)
- National Wetlands Inventory Database

Kansas State Records Reviewed

- Solid Waste Facility List
- Leaking Underground Storage Tanks (LUST)
- Voluntary Cleanup Program (VCP)

- Identified Sites List (ISL)
- Underground and Aboveground Petroleum Storage Tanks (UST and AST)
- Brownfields Site List
- Kansas Critical Habitats, Kansas Fish and Wildlife Service

Identified Sites List

Five Identified Sites were found within a mile of the subject property.

Site Name	Address	Description	Status	Distance to site
Kansas Public Services (Mercury)	11 th & Delaware	<u>May 27, 1993</u> – An investigation was conducted and no mercury contamination was found.	Resolved. 01/07/1994	0.263 miles
Farmers Coop – South Lawrence	2001 Moodie Rd.	<u>September 2001</u> – Acorn East LLC applied to the Voluntary Cleanup and Property Redevelopment Program after a Phase II investigation. The site had previously been a grain elevator facility. <u>April 2002</u> – Site contamination was characterized. Soil and groundwater contamination was found. Nitrate, VOCs, and pesticide/herbicide were found. Additional monitoring wells were installed. <u>2006</u> – Contaminated soil was excavated and removed from the property. <u>June 2008</u> – Voluntary party proposed to cap remaining contaminated soil; inject oxidation/reduction agents to address groundwater contamination; and implement an environmental use control (EUC). <u>2011</u> – Injection permit was approved to address groundwater contamination.	Active	0.946 miles
Lawrence Satellite POW Camp	11 th & Haskell	<u>October 1, 1999</u> – A Site Survey was conducted to determine what activities were conducted. Only feeding and housing of prisoners occurred on the property, and there was no reason to believe contamination exists on the property.	Resolved. 11/30/1999	0.091 miles
Kansas Public Service (Former Lawrence MFCTD Gas)	620 E 8 th St.	<u>September 1, 1992</u> – Contamination was discovered during a preliminary assessment. A manufactured gas plant operated on the site from 1869 through 1905. <u>August 20, 1993</u> – VOCs and PAHs were discovered in the soil. Groundwater contamination was minimal. <u>1999</u> – Corrective action was taken including the removal of materials	Resolved with restrictions. 06/01/2000	0.603 miles

Site Name	Address	Description	Status	Distance to site
		associated with a former tar well; implementing long term use restrictions on the property; and installing one monitoring well to confirm no additional contamination releases to groundwater. <u>April 2012</u> – Site inspection confirms compliance with restrictions.		
Lawrence River Front Mall	River Front Plaza	A mercury spill at this site (date unspecified) was cleaned up by the EPA under the Management Assistance Program.	Resolved.	0.952 miles

United States Geological Survey Well Information & Kansas Geological Survey: Water Well Completion Records

Only one well was found within a quarter mile of the subject property.

Well Number	Well Owner	Well Use	Status	Address	Within 1/2 mile	Within 1/4 mile
USGS32201	USGS-KS	Other	Constructed	Latitude/longitude	Yes	Yes
USGS25701	USGS-KS	Other	Constructed	Latitude/longitude	Yes	No
USGS30501	USGS-KS	Other	Constructed	Latitude/longitude	Yes	No
USGS30502	USGS-KS	Other	Constructed	Latitude/longitude	Yes	No
USGS24901	USGS-KS	Other	Constructed	Latitude/longitude	Yes	No
KS320903	City of Lawrence	Dewatering	Constructed	1400 E 8 th St	Yes	No
KS320904	City of Lawrence	Dewatering	Constructed	1400 E 8 th St	Yes	No
KS97469	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS349333	City of Lawrence	Monitoring	Plugged	1398 E 8 th St	Yes	No
KS97470	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS96983	City of Lawrence	Monitoring	Constructed	1400 E 8 th St	Yes	No
KS96985	City of Lawrence	Monitoring	Constructed	1400 E 8 th St	Yes	No
KS12275	Lawrence Wastewater Plant	Other	Plugged	Latitude/longitude	Yes	No
KS12274	Lawrence Wastewater Plant	Other	Plugged	Latitude/longitude	Yes	No
KS12273	Lawrence Wastewater Plant	Other	Plugged	Latitude/longitude	Yes	No
KS12279	Lawrence Wastewater Plant	Other	Plugged	Latitude/longitude	Yes	No

Well Number	Well Owner	Well Use	Status	Address	Within 1/2 mile	Within 1/4 mile
KS12278	Lawrence Wastewater Plant	Other	Plugged	Latitude/longitude	Yes	No
KS12277	Lawrence Wastewater Plant	Other	Plugged	Latitude/longitude	Yes	No
KS12266	Lawrence Wastewater Plant	Other	Plugged	Latitude/longitude	Yes	No
KS12267	Lawrence Wastewater Plant	Other	Plugged	Latitude/longitude	Yes	No
KS12264	Lawrence Wastewater Plant	Other	Plugged	Latitude/longitude	Yes	No
KS12265	Lawrence Wastewater Plant	Other	Plugged	Latitude/longitude	Yes	No
KS12268	Lawrence Wastewater Plant	Other	Plugged	Latitude/longitude	Yes	No
KS12271	Lawrence Wastewater Plant	Other	Plugged	Latitude/longitude	Yes	No
KS12272	Lawrence Wastewater Plant	Other	Plugged	Latitude/longitude	Yes	No
KS12269	Lawrence Wastewater Plant	Other	Plugged	Latitude/longitude	Yes	No
KS12270	Lawrence Wastewater Plant	Other	Plugged	Latitude/longitude	Yes	No
KS348093	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS348092	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS348095	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS348094	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS348089	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS348088	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS348091	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS348090	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS348096	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS348102	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No

Well Number	Well Owner	Well Use	Status	Address	Within 1/2 mile	Within 1/4 mile
KS348101	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS348104	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS348103	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS348098	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS348097	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS348100	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS348099	City of Lawrence	Monitoring	Plugged	1400 E 8 th St	Yes	No
KS96987	City of Lawrence	Monitoring	Constructed	1400 E 8 th St	Yes	No

Endangered Species

The Kansas Department of Wildlife and Parks and the U.S. Fish and Wildlife Service lists the following species as endangered or threatened in Douglas County, Kansas.

Species	State Status	Federal Status
Pallid sturgeon	Endangered	Endangered
Mead's milkweed	NA	Threatened
Western prairie fringed Orchid	NA	Threatened