



U.S. Department of Housing and Urban  
Development  
451 Seventh Street, SW  
Washington, DC 20410  
[www.hud.gov](http://www.hud.gov)  
[espanol.hud.gov](http://espanol.hud.gov)

## Environmental Assessment Determinations and Compliance Findings for HUD-assisted Projects 24 CFR Part 58

### Project Information

**Project Name:** MSO-Pedestrian-Improvements-Maine-St

**HEROS Number:** 900000010344058

**Project Location:** 1006 W 6th St, Lawrence, KS 66044

**Additional Location Information:**

East side of Maine Street from 6th Street to 4th Street.

**Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:**

The City's Municipal Services and Operations (MSO) Department plans to facilitate a pedestrian improvement project that will include removing and replacing concrete sidewalks and construction of new sidewalks and sidewalk ramps on the east side of Maine St from 6th St to 4th St.

### Funding Information

Grant Number	HUD Program	Program Name
3	Community Planning and Development (CPD)	Community Development Block Grants (CDBG) (Entitlement)

**Estimated Total HUD Funded Amount:** \$113,958.50

**Estimated Total Project Cost [24 CFR 58.2 (a) (5)]:** \$113,958.50

### Mitigation Measures and Conditions [CFR 1505.2(c)]:

Summarized below are all mitigation measures adopted by the Responsible Entity to reduce, avoid or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure or Condition
Permits, reviews, and approvals	The permits required for this project will be a Right of Way permit from the City for work in the Right of

	Way and a Kansas Department of Transportation application for highway access for work on the state highway, or 6th Street.
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**Project Mitigation Plan**

**Determination:**

<input checked="" type="checkbox"/>	Finding of No Significant Impact [24 CFR 58.40(g)(1); 40 CFR 1508.13] The project will not result in a significant impact on the quality of human environment
<input type="checkbox"/>	Finding of Significant Impact

Preparer Signature: *C. Dolar* Date: 08/09/2023

Name / Title/ Organization: Caitlyn R Dolar / / LAWRENCE

Certifying Officer Signature: *Amy Miller* Date: 08/10/2023

Name/ Title: Amy Miller/ Assistant PDS Director

This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environment Review Record (ERR) for the activity / project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).



**Environmental Assessment  
Determinations and Compliance Findings  
for HUD-assisted Projects  
24 CFR Part 58**

**Project Information**

**Project Name:** MSO-Pedestrian-Improvements-Maine-St

**HEROS Number:** 900000010344058

**Responsible Entity (RE):** LAWRENCE, PO Box 708 Lawrence KS, 66044

**RE Preparer:** Caitlyn R Dolar

**State / Local Identifier:** Kansas

**Certifying Officer:** Jeff Crick

**Grant Recipient (if different than Responsible Entity):**

**Point of Contact:**

**Consultant (if applicable):**

**Point of Contact:**

**Project Location:** 1006 W 6th St, Lawrence, KS 66044

**Additional Location Information:**

East side of Maine Street from 6th Street to 4th Street.

**Direct Comments to:**

**Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:**

The City's Municipal Services and Operations (MSO) Department plans to facilitate a pedestrian improvement project that will include removing and replacing concrete sidewalks and construction of new sidewalks and sidewalk ramps on the east side of Maine St from 6th St to 4th St.

**Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]:**

This project provides sidewalk construction on Maine Street between 6th Street and 4th Street. This area is in a low-moderate income neighborhood and the primary users of this sidewalk network are residents of the immediate neighborhoods traveling to commercial, hospital, and medical facilities as well as the nearby Clinton Park. The proposed project would advance the goals of numerous comprehensive plans for Unincorporated Douglas County & the City of Lawrence, including Plan 2040, Transportation 2040, and the Lawrence Pedestrian Plan. All of those plans speak to enhancing transportation options and choices for improved system performance and transportation alternatives with stronger interconnectivity. Transportation 2040 notes that gaps in existing sidewalk network create barriers for usage and create safety issues. The most recently approved plan, the 2022 Lawrence Pedestrian Plan, emphasizes goals for sidewalk development and the distribution of existing sidewalk network within census defined minority block groups and among transportation disadvantaged populations. The proposed action meets underlying needs of the immediate area in the following ways: Safety: Improve safety by promoting safe driving, walking, and bicycling behaviors through education and enforcement. Equity: Provide accessible pedestrian facilities for all users through public engagement, accessible design, and capital investments. Health: Develop a pedestrian network that promotes active lifestyles and sustains a healthy environment. Economy: Enhance economic vibrancy by creating safe and aesthetically pleasing walking environments with easy connections to commercial centers and front doors of businesses. Connectivity: Plan and build pedestrian infrastructure creating a network to connect neighborhoods to employment, retail, community services, schools, and recreational & cultural amenities. Multimodal Connections: Develop pedestrian facilities that provide opportunities to access other modes of transportation (transit, bicycling, carpooling, or vanpooling). Land Use and Design: Employ land use planning and site design requirements that encourage pedestrian travel by making local trips easier and more pleasant by foot than by car.

**Existing Conditions and Trends [24 CFR 58.40(a)]:**

A lack of a complete sidewalk network in this area creates issues with neighborhood mobility to access parks, food services, medical facilities, and other merchants in the immediate area. This project helps to complete the mobility expectations of the neighborhood, as well as adding ADA compliant sidewalk ramps. Without the connectivity in this area, pedestrian safety will continue to be of concern as

pedestrians from adjacent neighborhoods will continue to utilize green space and streets for moving between their homes, the park, and other nearby facilities. The proposed project would provide the following improvements to the transportation network: 1. Improving pedestrian directness to destinations such as the nearby hospital, parks, commercial centers, residential areas, and transit stops. 2. Improving continuity by constructing missing segments of sidewalks along pedestrian routes. 3. Improving safety by providing separation from vehicles. 4. Improving accessibility by increasing the ease of use through the construction of sidewalk and compliant ADA ramps for people with disabilities.

**Maps, photographs, and other documentation of project location and description:**

**Determination:**

✓	Finding of No Significant Impact [24 CFR 58.40(g)(1); 40 CFR 1508.13] The project will not result in a significant impact on the quality of human environment
	Finding of Significant Impact

**Approval Documents:**

**7015.15 certified by Certifying Officer on:**

**7015.16 certified by Authorizing Officer on:**

**Funding Information**

Grant / Project Identification Number	HUD Program	Program Name
3	Community Planning and Development (CPD)	Community Development Block Grants (CDBG) (Entitlement)

**Estimated Total HUD Funded, Assisted or Insured Amount:** \$113,958.50

**Estimated Total Project Cost [24 CFR 58.2 (a) (5)]:** \$113,958.50

**Compliance with 24 CFR §50.4, §58.5 and §58.6 Laws and Authorities**

<b>Compliance Factors:</b> Statutes, Executive Orders, and Regulations listed at 24 CFR §50.4, §58.5, and §58.6	Are formal compliance steps or mitigation required?	Compliance determination (See Appendix A for source determinations)
<b>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR §50.4 &amp; § 58.6</b>		
<b>Airport Hazards</b> Clear Zones and Accident Potential Zones; 24 CFR Part 51 Subpart D	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	The project site is not within 15,000 feet of a military airport or 2,500 feet of a civilian airport. The project is in compliance with Airport Hazards requirements.
<b>Coastal Barrier Resources Act</b> Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	This project is located in a state that does not contain CBRS units. Therefore, this project is in compliance with the Coastal Barrier Resources Act.
<b>Flood Insurance</b> Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	The structure/insurable property are not located in a FEMA-designated Special Flood Hazard Area. Attached is FEMA/FIRMette map 20045C0176E (eff. 9/2/2015). While flood insurance may not be mandatory in this instance, HUD recommends that all insurable structures maintain flood insurance under the National Flood Insurance Program (NFIP). The project is in compliance with flood insurance requirements.
<b>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR §50.4 &amp; § 58.5</b>		
<b>Air Quality</b> Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Based on the project description, this project includes no activities that would require further evaluation under the Clean Air Act. The project is in compliance with the Clean Air Act.
<b>Coastal Zone Management Act</b> Coastal Zone Management Act, sections 307(c) & (d)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	This project is located in a state that does not participate in the Coastal Zone Management Program. Therefore, this project is in compliance with the Coastal Zone Management Act.
<b>Contamination and Toxic Substances</b> 24 CFR 50.3(i) & 58.5(i)(2)]	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	There are no Superfund (NPL), Brownfields (ACRES), Toxic Substances Control Act (TSCA), CERCLIS, CERCLIS NFRAP, RCRA CORRACTS Facilities, RCRA

		<p>non-CORRACTS TSD Facilities within one mile of the project site. There are no Federal Institutional Control/Engineering Control Registry, or Emergency Response Notification System (ERNS) sites on the property. There are two Toxic Release Inventory (TRI) sites within one mile of the project site. The ECHO reports for the TRI sites are attached and indicate no violations identified in the last 12 quarters for both locations. There are no RCRA Generators located near the project site. There are six identified Leaking Underground Storage Tank (LUST) sites within .5 miles of the project site. Four of the sites are listed as Project Phase Complete; one site is listed as Permanently Out of Service and one is listed as Temporarily Out of Service. There is one Kansas Identified Sites List (ISL) within .5 miles of the project site located at 611 Florida St, Scotch Cleaners. The site is currently in long term monitoring. There are no identified city dumps or solid waste landfills within .5 miles of the project site. There are no registered storage tanks on or adjoining the subject property. GIS aerial maps were examined from 1941, 1954, 1976, 1986, 1995, 2000, 2003, 2006, 2009, 2013, 2016, 2018, and 2020. The area surrounding the project site appears mostly residential until the 1976 aerial. On-site or nearby toxic, hazardous, or radioactive substances that could affect the health and safety of project occupants or conflict with the intended use of the property were not found. The project is in compliance with contamination and toxic substances requirements.</p>
<p><b>Endangered Species Act</b> Endangered Species Act of 1973,</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>This project will have No Effect on listed species due to the nature of the activities involved in the project. This</p>

<p>particularly section 7; 50 CFR Part 402</p>		<p>project is in compliance with the Endangered Species Act.</p>
<p><b>Explosive and Flammable Hazards</b> Above-Ground Tanks)[24 CFR Part 51 Subpart C</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>There is one current stationary aboveground storage container within 1 mile of the project site. The AST is a 13,500 gallon carbon dioxide tank located 1,584' to the NE at 720 W 3rd St. The ASD for Thermal Radiation for People is 817.89' and the ASD for Thermal Radiation for Buildings is 167.48'. The Separation Distances from the project is acceptable. There are no planned stationary aboveground storage containers of concern within 1 mile of the project site. See attached Explosive and Flammable Facilities Worksheet packet.</p>
<p><b>Farmlands Protection</b> Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>According to NEPAssist, the project site is located in an urbanized area, and based on the project description, the project does not include new construction, acquisition of undeveloped land or conversion, that could convert agricultural land to a non-agricultural use. The project is in compliance with the Farmland Policy Act. See attached Farmlands Protection Worksheet packet.</p>
<p><b>Floodplain Management</b> Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>This project does not occur in a floodplain. The project is in compliance with Executive Order 11988. See attached Floodplain Management Worksheet Packet and FEMA/FIRMette map 20045C0176E (eff. 9/2/2015).</p>
<p><b>Historic Preservation</b> National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Based on Section 106 consultation the project will have No Adverse Effect on historic properties. Conditions: None. Upon satisfactory implementation of the conditions, which should be monitored, the project is in compliance with Section 106.</p>
<p><b>Noise Abatement and Control</b> Noise Control Act of 1972, as amended by the Quiet Communities</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Based on the project description, this project includes no activities that would require further evaluation under HUD's noise regulation. The project is in</p>

Act of 1978; 24 CFR Part 51 Subpart B		compliance with HUD's Noise regulation.
<b>Sole Source Aquifers</b> Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	The project is not located on a sole source aquifer area. The project is in compliance with Sole Source Aquifer requirements.
<b>Wetlands Protection</b> Executive Order 11990, particularly sections 2 and 5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	The project will not impact on- or off-site wetlands. The project is in compliance with Executive Order 11990.
<b>Wild and Scenic Rivers Act</b> Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	There are no Wild and Scenic Rivers designated in the state of Kansas. (Source: National Wild and Scenic Rivers System website); per the same site, there are no active or pending river studies in Kansas. Per the National Rivers Inventory system, there is one river in Douglas County on the list: The Kansas River NRI River Segment. The Outstandingly Remarkable Values of this river segment are listed as: Cultural, Fish, Recreational, Scenic, and Wildlife. Per HUD's Wild and Scenic Rivers website: "Boundaries for protected rivers generally extend one-quarter mile from either bank in the lower 48 states and one-half mile on rivers outside national parks in Alaska in order to protect river-related values." The project site is not located in a .25-mile proximity of the Kansas River NRI River Segment, therefore no adverse effects will occur. The project is not a water resources project that could affect the free-flowing condition of the river. The project is in compliance with the Wild and Scenic Rivers Act. See attached Wild and Scenic Rivers Worksheet packet.
<b>HUD HOUSING ENVIRONMENTAL STANDARDS</b>		
<b>ENVIRONMENTAL JUSTICE</b>		
<b>Environmental Justice</b> Executive Order 12898	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No adverse environmental impacts were identified in the project's total environmental review. The project is in compliance with Executive Order 12898.

**Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27]**

**Impact Codes:** An impact code from the following list has been used to make the determination of impact for each factor.

- (1) Minor beneficial impact
- (2) No impact anticipated
- (3) Minor Adverse Impact – May require mitigation
- (4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement.

Environmental Assessment Factor	Impact Code	Impact Evaluation	Mitigation
<b>LAND DEVELOPMENT</b>			
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design			
Soil Suitability / Slope/ Erosion / Drainage and Storm Water Runoff			
Hazards and Nuisances including Site Safety and Site-Generated Noise			
<b>SOCIOECONOMIC</b>			
Employment and Income Patterns			
Demographic Character Changes / Displacement			
Environmental Justice EA Factor			
<b>COMMUNITY FACILITIES AND SERVICES</b>			
Educational and Cultural Facilities (Access and Capacity)			
Commercial Facilities (Access and Proximity)			
Health Care / Social Services (Access and Capacity)			
Solid Waste Disposal and Recycling (Feasibility and Capacity)			
Waste Water and Sanitary Sewers (Feasibility and Capacity)			
Water Supply (Feasibility and Capacity)			
Public Safety - Police, Fire and Emergency Medical			
Parks, Open Space and Recreation (Access and Capacity)			
Transportation and Accessibility (Access and Capacity)			
<b>NATURAL FEATURES</b>			



<b>Environmental Assessment Factor</b>	<b>Impact Code</b>	<b>Impact Evaluation</b>	<b>Mitigation</b>
Unique Natural Features /Water Resources			
Vegetation / Wildlife (Introduction, Modification, Removal, Disruption, etc.)			
Other Factors 1			
Other Factors 2			
<b>CLIMATE AND ENERGY</b>			
Climate Change			
Energy Efficiency			

**Supporting documentation**

[EA Factors Summary - Maine Street\(1\).pdf](#)

**Additional Studies Performed:**

N/A

**Field Inspection [Optional]:** Date and completed by:

**List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]:**

-U.S. Fish and Wildlife Service -Patrick Zollner, State Historic Preservation Office - Lynne Braddock Zollner, City of Lawrence Historic Resources Administrator -Paul Barton, THPO, Eastern Shawnee Tribe of Oklahoma -Carissa Speck, Historic Preservation Director, Delaware Nation -City of Lawrence Strategic Plan -Lawrence Pedestrian Plan -Transportation 2040

[Lawrence Pedestrian Plan 2022.pdf](#)

**List of Permits Obtained:**

The permits required for this project will be a Right of Way permit from the City for work in the Right of Way and a Kansas Department of Transportation application for highway access for work on the state highway, or 6th Street.

**Public Outreach [24 CFR 58.43]:**

FONSI/NOI-RROF - published in the Lawrence Journal World

**Cumulative Impact Analysis [24 CFR 58.32]:**

The subject property has been identified as one that is in need of sidewalk construction/reconstruction but has not been completed to date. The area is surrounded by low-mod income neighborhoods that will use the sidewalk network to gain access to commercial properties, hospital and medical facilities, dining, and recreation. The newly-connected sidewalks will provide connectivity of this area well into the future.

**Alternatives [24 CFR 58.40(e); 40 CFR 1508.9]**

Based on the nature of the project (sidewalk replacement and new sidewalk construction) there are not any feasible alternatives available. With no foreseen adverse impacts to the environment, no additional items were discussed in relation to this project.

**No Action Alternative [24 CFR 58.40(e)]**

Without the sidewalk construction/reconstruction in this area, the residents of adjacent neighborhoods that depend on the sidewalk network to go to and from commercial spaces, the hospital, and the park will continue using the street or private property to travel, which presents safety issues. The sidewalk construction also allows for use by those in wheelchairs or those that require other mobility accommodations.

**Summary of Findings and Conclusions:**

The proposed project will have no adverse impact on the environment. It will have a positive impact on the community by improving sidewalk connectivity, improving safety by providing separation from vehicles, and enhancing accessibility through well-constructed sidewalk and sidewalk ramps for ADA compliance.

**Mitigation Measures and Conditions [CFR 1505.2(c)]:**

Summarized below are all mitigation measures adopted by the Responsible Entity to reduce, avoid or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure or Condition	Comments on Completed Measures	Mitigation Plan	Complete
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**Project Mitigation Plan**

**Supporting documentation on completed measures**

## Airport Hazards (CEST and EA)

General policy	Legislation	Regulation
It is HUD's policy to apply standards to prevent incompatible development around civil airports and military airfields.		24 CFR Part 51 Subpart D
References		
<a href="https://www.hudexchange.info/environmental-review/airport-hazards">https://www.hudexchange.info/environmental-review/airport-hazards</a>		

**1. To ensure compatible land use development, you must determine your site's proximity to civil and military airports. Is your project within 15,000 feet of a military airport or 2,500 feet of a civilian airport?**

- No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within the applicable distances to a military or civilian airport.*

### **Worksheet Summary**

#### **Compliance Determination**

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

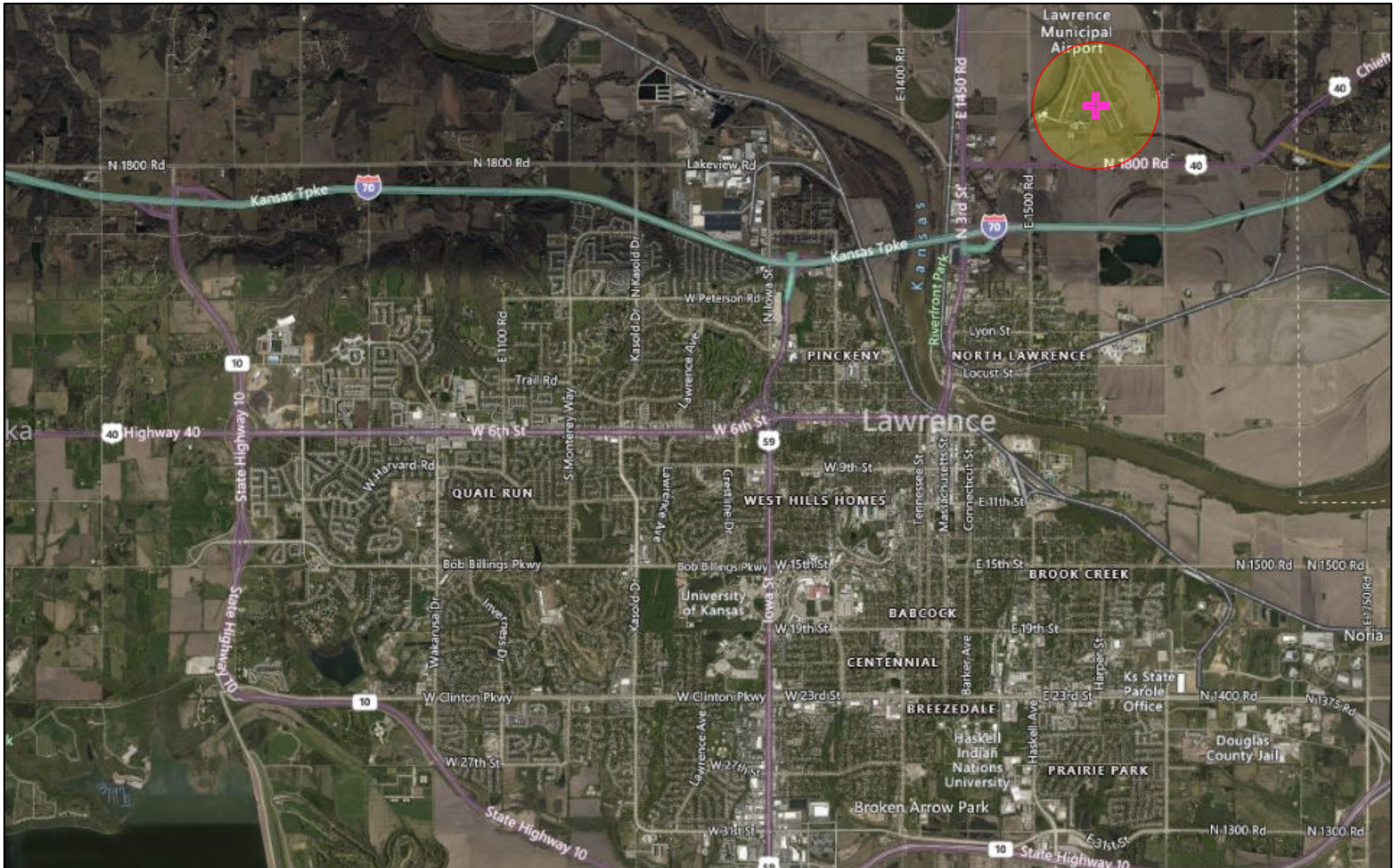
- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The project site is not within 15,000 feet of a military airport or within 2,500 feet of a civilian airport. The project site is 12,461 feet from the civilian Lawrence Municipal Airport and a map of the location of the Runway Protection Zones is also attached. The project is in compliance with Airport Hazards requirements. See attached Airport Hazards Worksheet packet.

#### **Are formal compliance steps or mitigation required?**


- Yes  
 No

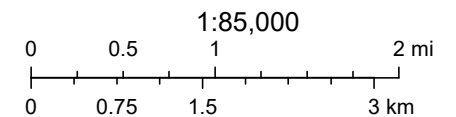
# 2,500' radius of Lawrence Municipal Airport



April 6, 2021

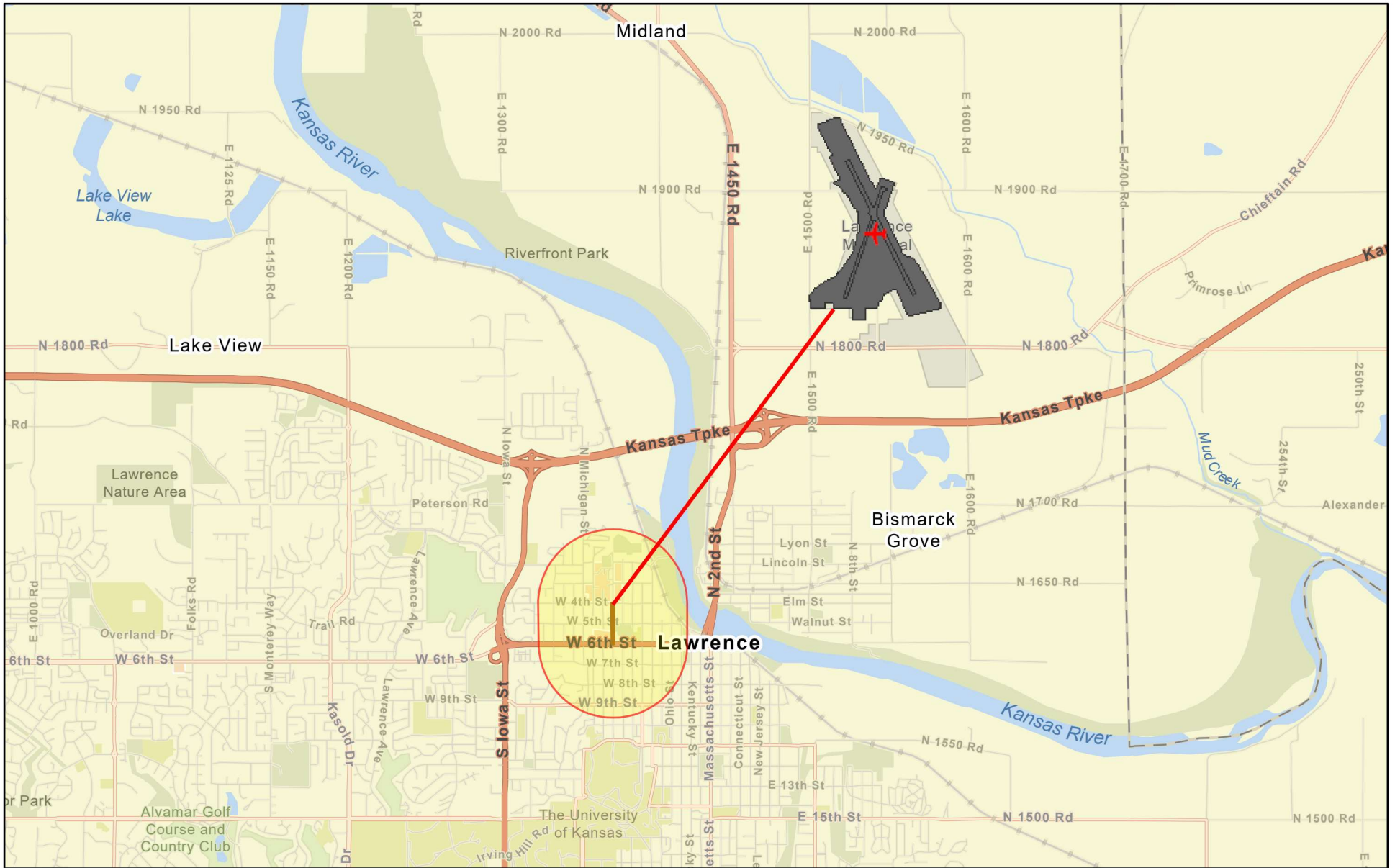
 Project Buffer

 Lawrence Municipal Airport





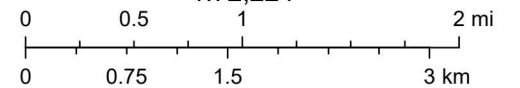
# Maine Street Project - 2,500 Ft Buffer-Airports



July 10, 2023

- Distance to LWC Airport 2.36 Miles
- + Airport Points
- Project Buffer
- Airport Polygons
- Project Area - Maine Street




1:72,224



City of Lawrence, Kansas, Missouri Dept. of Conservation, Missouri DNR, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS,




**LEGEND**

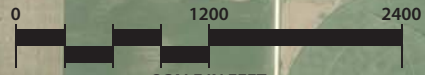
-  Airport Property Line
-  Easement
-  Runway Safety Area (RSA)
-  Object Free Area (OFA)
-  Runway Protection Zone (RPZ)

**KEY**

- ASOS** - Automated Surface Observation System
- MALSR** - Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights
- PAPI** - Precision Approach Path Indicator
- REIL** - Runway End Identifier Lights

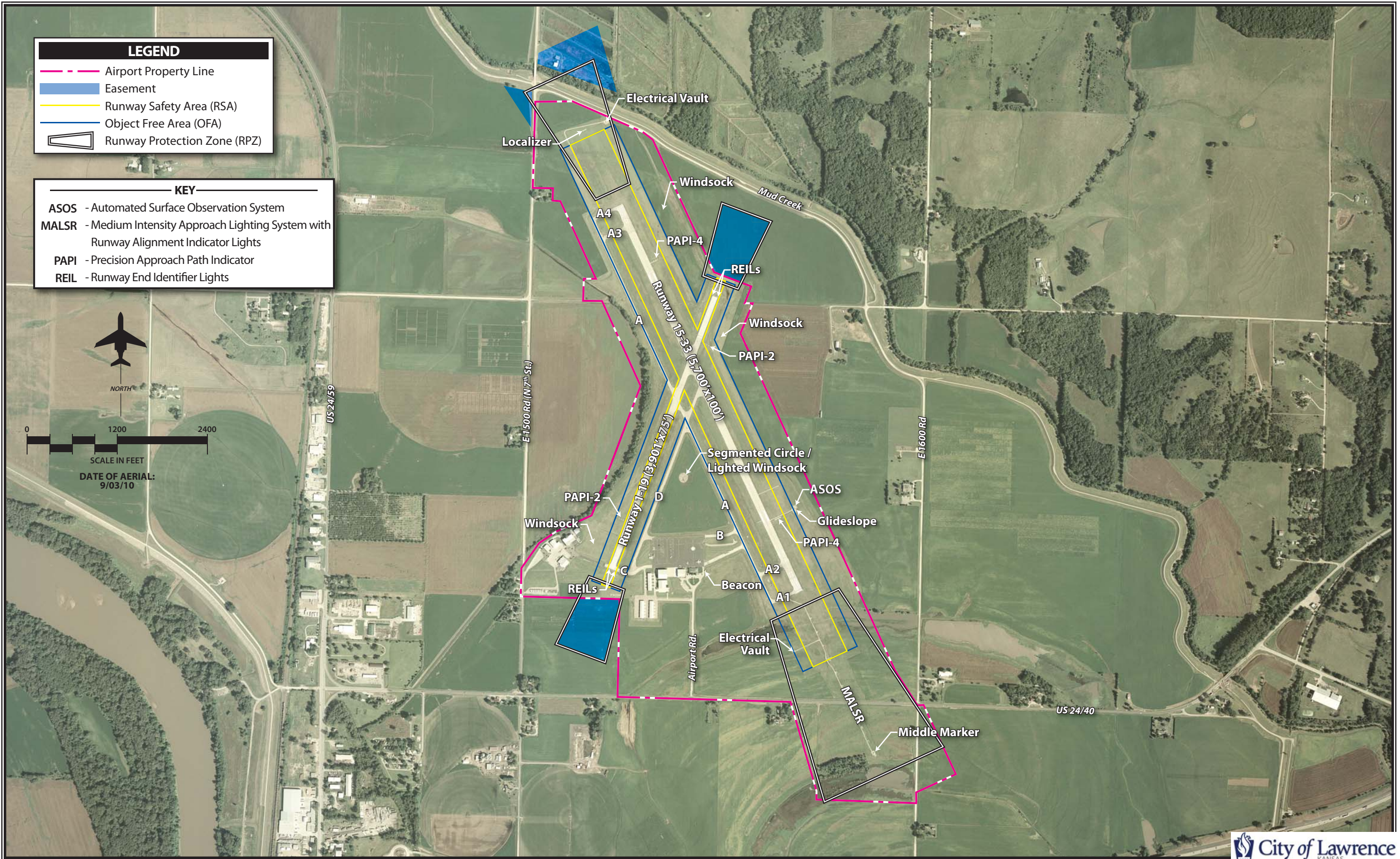


NORTH



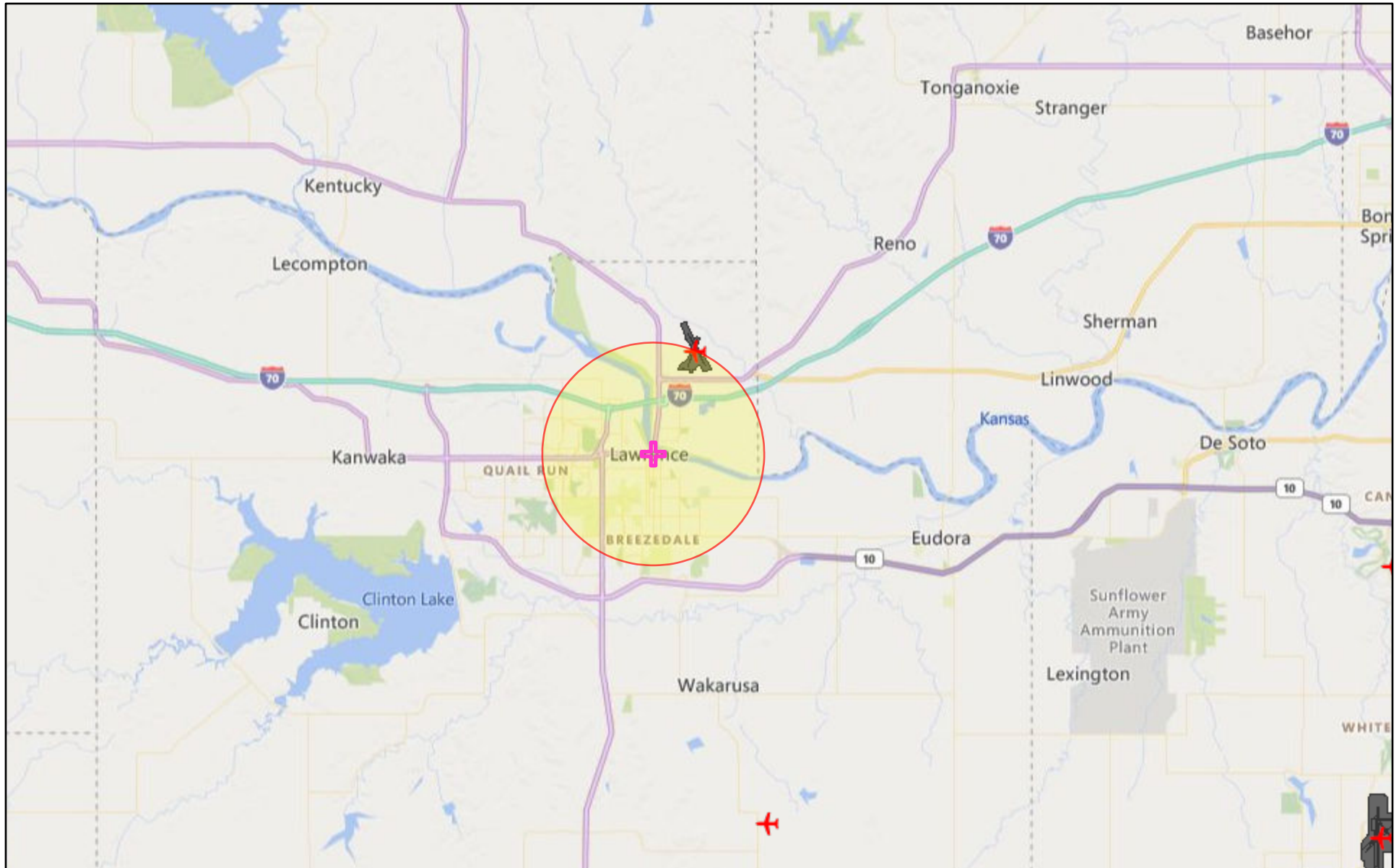
SCALE IN FEET

DATE OF AERIAL: 9/03/10



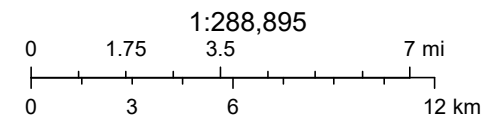


# Lawrence, KS - No Military Airports within 15,000'



October 1, 2021

-  Project Buffer
-  Airport Points
-  Lawrence, KS
-  Airport Polygons



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## Coastal Barrier Resources (CEST and EA)

General requirements	Legislation	Regulation
HUD financial assistance may not be used for most activities in units of the Coastal Barrier Resources System (CBRS). See 16 USC 3504 for limitations on federal expenditures affecting the CBRS.	Coastal Barrier Resources Act (CBRA) of 1982, as amended by the Coastal Barrier Improvement Act of 1990 (16 USC 3501)	
References		
<a href="https://www.hudexchange.info/environmental-review/coastal-barrier-resources">https://www.hudexchange.info/environmental-review/coastal-barrier-resources</a>		

Projects located in the following states must complete this form.

Alabama	Georgia	Massachusetts	New Jersey	Puerto Rico	Virgin Islands
Connecticut	Louisiana	Michigan	New York	Rhode Island	Virginia
Delaware	Maine	Minnesota	North Carolina	South Carolina	Wisconsin
Florida	Maryland	Mississippi	Ohio	Texas	

### 1. Is the project located in a CBRS Unit?

- No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within a CBRS Unit.*

### Worksheet Summary

#### **Compliance Determination**

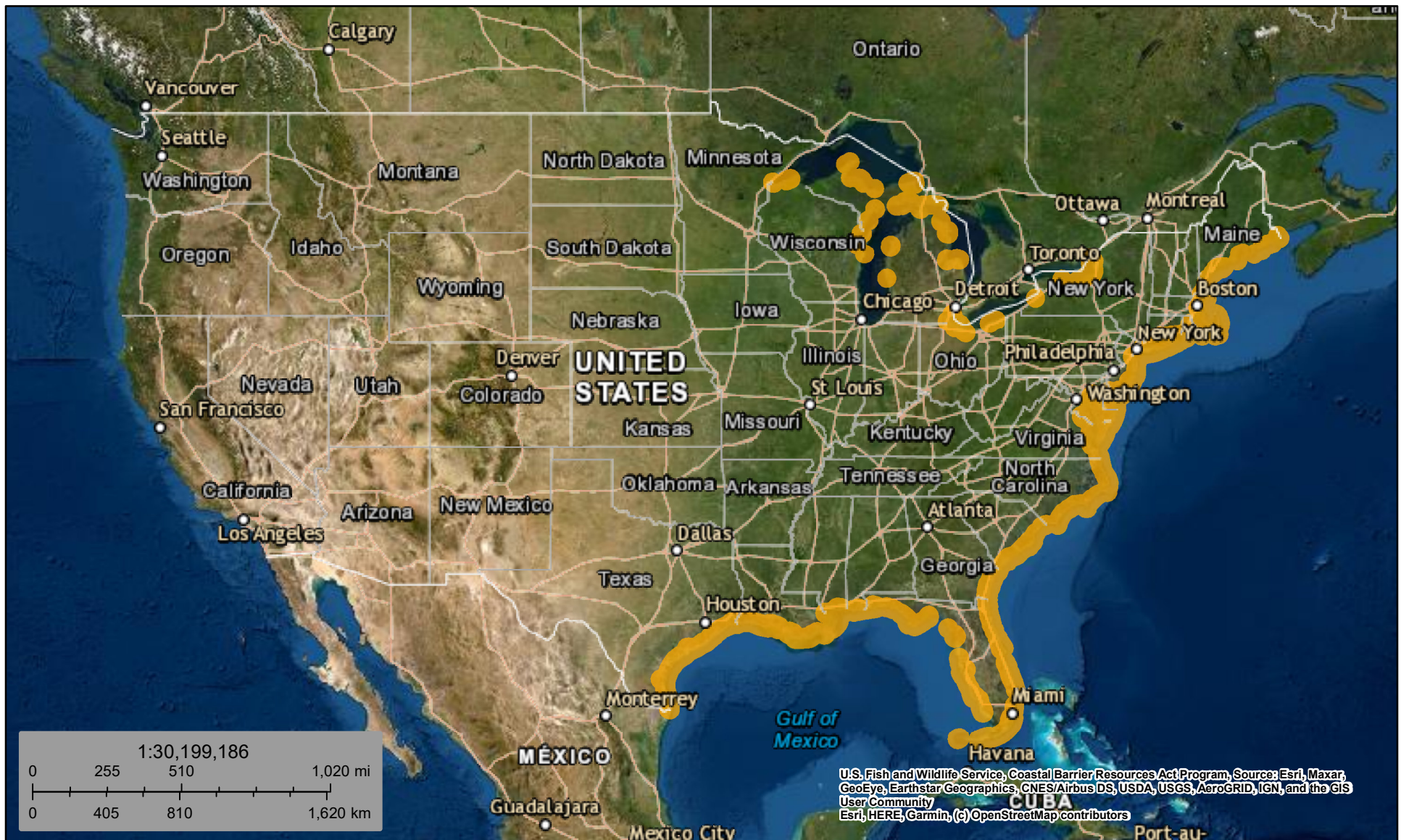
Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

According to a review of the U.S. Fish and Wildlife Service Coastal Barrier Resources System Mapper, the project is located in a state that does not contain CBRS units. Therefore, this project is in compliance with the Coastal Barrier Resources Act. Attached is a map showing the location of CBRS units in the United States and a list of the states that contain CBRS units.

### Are formal compliance steps or mitigation required?

- Yes  
 No



April 7, 2021

CBRS Units

This map is for general reference only. The Coastal Barrier Resources System (CBRS) boundaries depicted on this map are representations of the controlling CBRS boundaries, which are shown on the official maps, accessible at <https://www.fws.gov/cbra/maps/index.html>. All CBRS related data should be used in accordance with the layer metadata found on the CBRS Mapper website.

The CBRS Buffer Zone represents the area immediately adjacent to the CBRS boundary where users are advised to contact the Service for an official determination (<http://www.fws.gov/cbra/Determinations.html>) as to whether the property or project site is located "in" or "out" of the CBRS.

CBRS Units normally extend seaward out to the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward extent of the units is not shown in the CBRS mapper.

# Coastal Barrier Resources System

Ecological Services

## CBRS Menu

- CBRS Home
- Legislation & Testimony
- Historical Changes
- CBRA Prohibitions
- Flood Insurance
- Official Maps and Data +
- Boundary Modifications
- Mapping Projects +
- CBRS Documentation
- Project Consultations +
- Help and Contacts



Frequently Asked Questions



Glossary



Documents Library



Contact Us



For CBRA news, sign up for our listserv electronic mailing list

## Official CBRS Maps

The Coastal Barrier Resources Act (CBRA) of 1982 and subsequent amendments established the John H. Chafee Coastal Barrier Resources System (CBRS). The CBRS consists of relatively undeveloped coastal barriers and other areas located the Atlantic, Gulf of Mexico, Great Lakes, U.S. Virgin Islands, and Puerto Rico coasts. The CBRS currently includes 585 System Units, which comprise nearly 1.4 million acres of land and associated aquatic habitat. There are also 277 "Otherwise Protected Areas," a category of coastal barriers that are mostly already held for conservation and/or recreation purposes that include an additional 2.1 million acres of land and associated aquatic habitat. The CBRS units are identified and depicted on a series of maps entitled "John H. Chafee Coastal Barrier Resources System." These maps are controlling and indicate which lands are affected by the CBRA. The maps are maintained by the Department of the Interior through the U.S. Fish and Wildlife Service.

### Viewing an Official CBRS Map

An official CBRS map can be obtained through the [CBRS Mapper](#) by following these steps:

- Locate the area of interest in the mapper
- Click on the location of interest. A pop-up window will open providing information for the area.
- In the pop-up window, click on the map link. A PDF of the official map will then open in a separate tab or download.

Alternatively, if the name or number of the CBRS unit is known, then the official CBRS maps can also be found in the table at: <https://www.fws.gov/cbra/maps/cbrs/>.

### State Locator Maps

The below state locator maps show the locations of units in each state and may be helpful in determining a unit number.

<a href="#">Alabama</a>	<a href="#">Georgia</a>	<a href="#">Massachusetts</a>	<a href="#">New Jersey</a>	<a href="#">Ohio</a>	<a href="#">Texas</a>
<a href="#">Connecticut</a>	<a href="#">Louisiana</a>	<a href="#">Michigan</a>	<a href="#">New York Great Lakes</a>	<a href="#">Puerto Rico</a>	<a href="#">Virgin Islands</a>
<a href="#">Delaware</a>	<a href="#">Maine</a>	<a href="#">Minnesota</a>	<a href="#">New York Long Island</a>	<a href="#">Rhode Island</a>	<a href="#">Virginia</a>
<a href="#">Florida</a>	<a href="#">Maryland</a>	<a href="#">Mississippi</a>	<a href="#">North Carolina</a>	<a href="#">South Carolina</a>	<a href="#">Wisconsin</a>

Last updated: November 6, 2019

## Flood Insurance (CEST and EA)

General requirements	Legislation	Regulation
Certain types of federal financial assistance may not be used in floodplains unless the community participates in National Flood Insurance Program and flood insurance is both obtained and maintained.	Flood Disaster Protection Act of 1973 as amended (42 USC 4001-4128)	24 CFR 50.4(b)(1) and 24 CFR 58.6(a) and (b); 24 CFR 55.1(b).
<b>Reference</b>		
<a href="https://www.hudexchange.info/environmental-review/flood-insurance">https://www.hudexchange.info/environmental-review/flood-insurance</a>		

**1. Does this project involve financial assistance for construction, rehabilitation, or acquisition of a mobile home, building, or insurable personal property?**

No. This project does not require flood insurance or is excepted from flood insurance. →  
*Continue to the Worksheet Summary.*

Yes → *Continue to Question 2.*

**2. Provide a FEMA/FIRM map showing the site.**

The Federal Emergency Management Agency (FEMA) designates floodplains. The [FEMA Map Service Center](#) provides this information in the form of FEMA Flood Insurance Rate Maps (FIRMs). For projects in areas not mapped by FEMA, use the best available information to determine floodplain information. Include documentation, including a discussion of why this is the best available information for the site. Provide FEMA/FIRM floodplain zone designation, panel number, and date within your documentation.

**Is the structure, part of the structure, or insurable property located in a FEMA-designated Special Flood Hazard Area?**

No → *Continue to the Worksheet Summary.*

Yes → *Continue to Question 3.*

### Worksheet Summary

#### **Compliance Determination**

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The structure/insurable property are not located in a FEMA-designated Special Flood Hazard Area. Attached is FEMA/FIRMette map 20045C0176E (eff. 9/2/2015). While flood insurance may not be mandatory in this instance, HUD recommends that all insurable structures maintain flood insurance under the National Flood Insurance Program (NFIP). The project is in compliance with flood insurance requirements.

**Are formal compliance steps or mitigation required?**

Yes

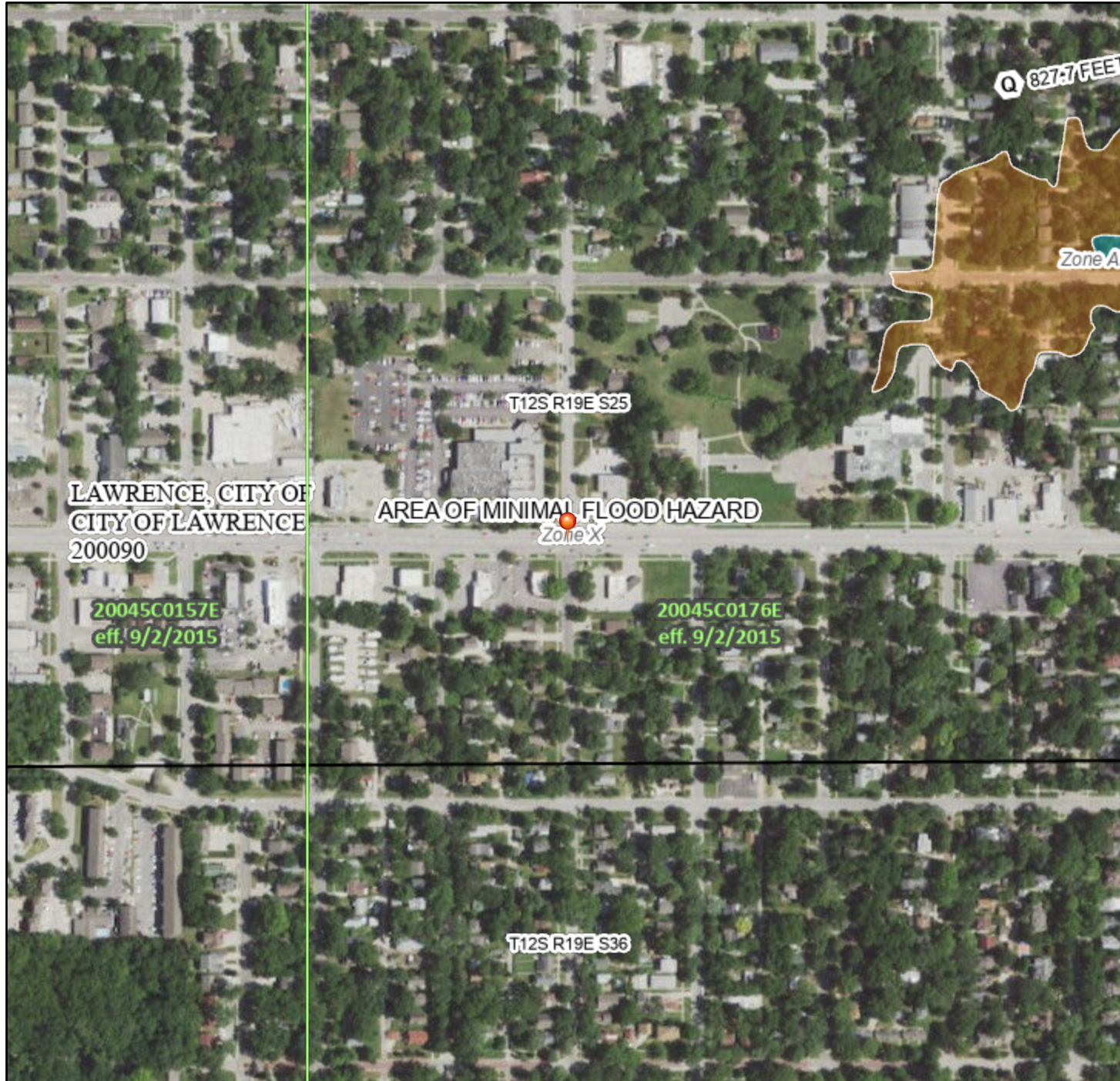
No



# National Flood Hazard Layer FIRMMette



95°15'10"W 38°58'37"N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped

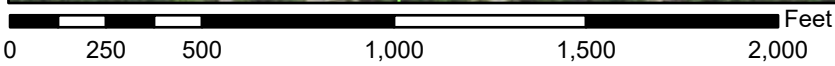


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **7/10/2023 at 2:40 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



1:6,000

95°14'33"W 38°58'9"N

Basemap Imagery Source: USGS National Map 2023

## Air Quality (CEST and EA)

General Requirements	Legislation	Regulation
The Clean Air Act is administered by the U.S. Environmental Protection Agency (EPA), which sets national standards on ambient pollutants. In addition, the Clean Air Act is administered by States, which must develop State Implementation Plans (SIPs) to regulate their state air quality. Projects funded by HUD must demonstrate that they conform to the appropriate SIP.	Clean Air Act (42 USC 7401 et seq.) as amended particularly Section 176(c) and (d) (42 USC 7506(c) and (d))	40 CFR Parts 6, 51 and 93
<b>Reference</b>		
<a href="https://www.hudexchange.info/environmental-review/air-quality">https://www.hudexchange.info/environmental-review/air-quality</a>		

### Scope of Work

- 1. Does your project include new construction or conversion of land use facilitating the development of public, commercial, or industrial facilities OR five or more dwelling units?**

Yes

→ Continue to Question 2.

No

*Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.*

### Worksheet Summary

#### **Compliance Determination**

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

Based on the project description, this project includes no activities that would require further evaluation under the Clean Air Act. The project is in compliance with the Clean Air Act.

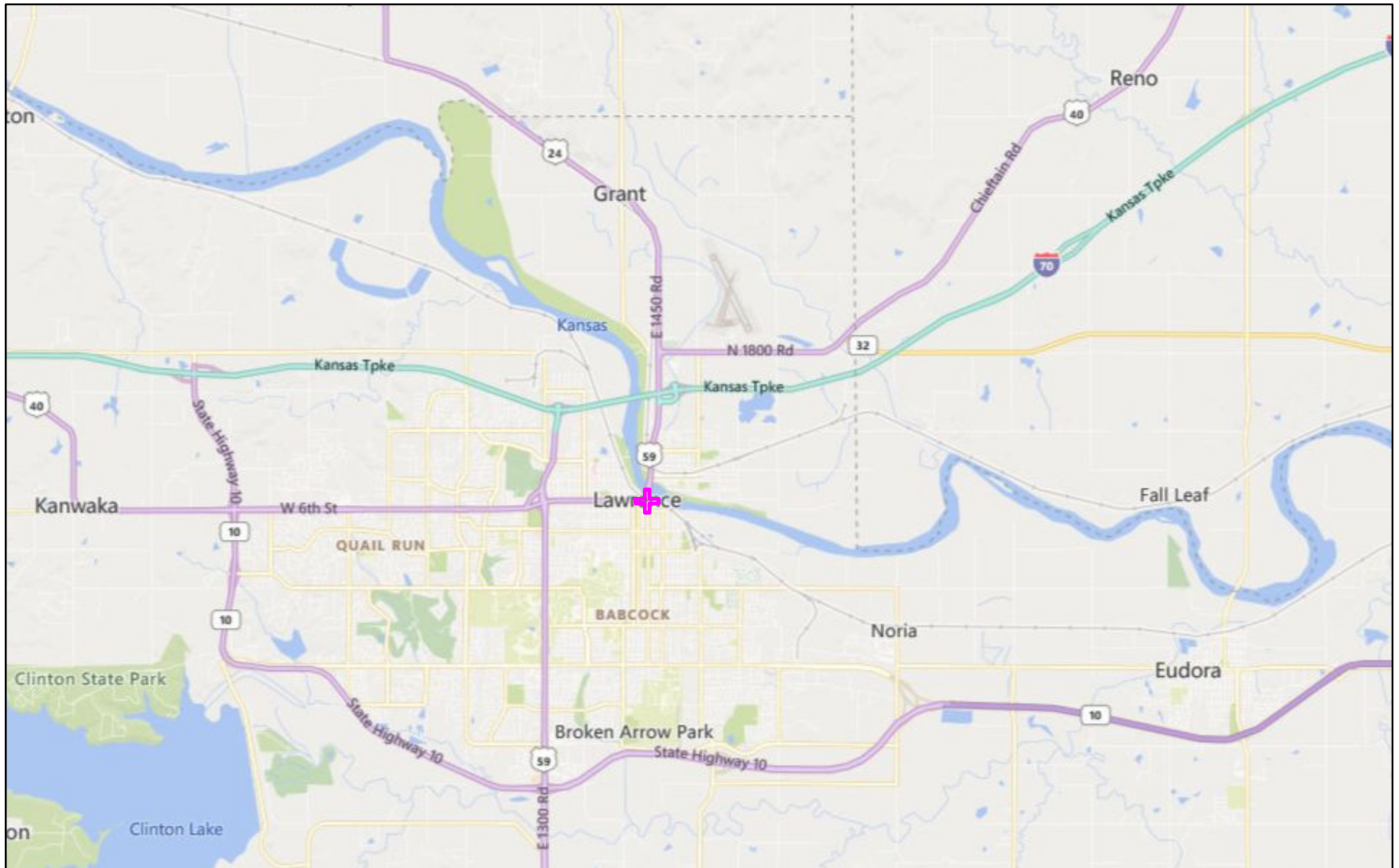
**Are formal compliance steps or mitigation required?**

Yes

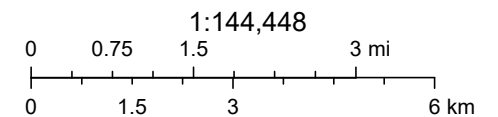
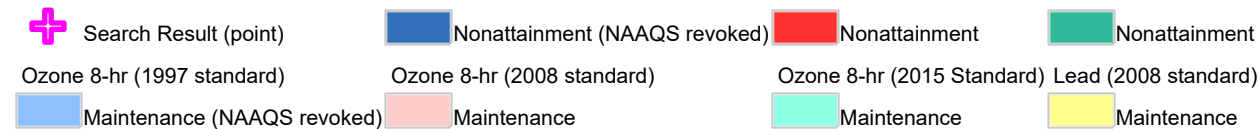
No



# Air Quality Nonattainment/Maintenance Areas - Lawrence, KS



April 7, 2021



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**You are here:** EPA Home > Green Book > >National Area and County-Level Multi-Pollutant Information >Kansas Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

## Kansas Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

Data is current as of July 31, 2023

Listed by County, NAAQS, Area. The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.

\* The 1997 Primary Annual PM-2.5 NAAQS (level of 15 µg/m<sup>3</sup>) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016. (81 FR 58009)

Change the State:

KANSAS

Important Notes

Download National Dataset: [dbf](#) | [xls](#) | [Data dictionary \(PDF\)](#)

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/Part County	Population (2010)	State/County FIPS Codes
<b>KANSAS</b>								
Johnson County	1-Hour Ozone (1979)-NAAQS revoked	Kansas City, MO-KS		07/23/1992	Other	Whole	544,179	20/091
Saline County	Lead (2008)	Saline County, KS	11121314151617181920212223	//		Part	9	20/169
Wyandotte County	1-Hour Ozone (1979)-NAAQS revoked	Kansas City, MO-KS		07/23/1992	Other	Whole	157,505	20/209

Important Notes

Discover.

Connect.

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Follow.

2023-07-31



## Coastal Zone Management Act (CEST and EA)

General requirements	Legislation	Regulation
Federal assistance to applicant agencies for activities affecting any coastal use or resource is granted only when such activities are consistent with federally approved State Coastal Zone Management Act Plans.	Coastal Zone Management Act (16 USC 1451-1464), particularly section 307(c) and (d) (16 USC 1456(c) and (d))	15 CFR Part 930
References		
<a href="https://www.onecpd.info/environmental-review/coastal-zone-management">https://www.onecpd.info/environmental-review/coastal-zone-management</a>		

Projects located in the following states must complete this form.

Alabama	Florida	Louisiana	Mississippi	Ohio	Texas
Alaska	Georgia	Maine	New Hampshire	Oregon	Virgin Islands
American Samona	Guam	Maryland	New Jersey	Pennsylvania	Virginia
California	Hawaii	Massachusetts	New York	Puerto Rico	Washington
Connecticut	Illinois	Michigan	North Carolina	Rhode Island	Wisconsin
Delaware	Indiana	Minnesota	Northern Mariana Islands	South Carolina	

### 1. Is the project located in, or does it affect, a Coastal Zone as defined in your state Coastal Management Plan?

- No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within a Coastal Zone.*

### Worksheet Summary

#### Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The project is located in a state that does not participate in the Coastal Zone Management Program. Therefore, this project is in compliance with the Coastal Zone Management Act. Attached is the NOAA Office for Coastal Management list of states that participate in the Coastal Zone Management Program; Kansas is not listed.

#### Are formal compliance steps or mitigation required?

- Yes  
 No



# Coastal Zone Management Programs

Alabama [#alabama]	Alaska (*) [#alaska]	American Samoa [#samoa]
California [#california]	Connecticut [#connecticut]	Delaware [#delaware]
Florida [#florida]	Georgia [#georgia]	Guam [#guam]
Hawaii [#hawaii]	Illinois [#illinois]	Indiana [#indiana]
Louisiana [#louisiana]	Maine [#maine]	Maryland [#maryland]
Massachusetts [#massachusetts]	Michigan [#michigan]	Minnesota [#minnesota]
Mississippi [#mississippi]	New Hampshire [#newhampshire]	New Jersey [#newjersey]
New York [#newyork]	North Carolina [#northcarolina]	Northern Mariana Islands [#mariana]
Ohio [#ohio]	Oregon [#oregon]	Pennsylvania [#pennsylvania]
Puerto Rico [#puertorico]	Rhode Island [#rhodeisland]	South Carolina [#southcarolina]
Texas [#texas]	Virgin Islands [#virginislands]	Virginia [#virginia]
Washington [#washington]	Wisconsin [#wisconsin]	

*\* All 35 coastal and Great Lakes states and territories (with the exception of Alaska) participate in the National Coastal Zone Management Program.*

## ALABAMA

The Alabama Coastal Management Program [<http://www.adem.state.al.us/programs/coastal/default.cnt>] , approved by NOAA in 1979, is administered by two state agencies:

- The [Alabama Department of Conservation and Natural Resources](http://www.outdooralabama.com/alabama-coastal-area-management-program) [<http://www.outdooralabama.com/alabama-coastal-area-management-program>] is responsible for planning, fiscal management, public education, and research management; and the
- Alabama Department of Environmental Management [<http://adem.alabama.gov/programs/coastal/default.cnt>] carries out permitting, regulatory, and enforcement functions.

The primary authority for the coastal management program is the Alabama Coastal Area Act of 1976 (Act 534). The Alabama coastal zone [<https://coast.noaa.gov/data/czm/media/StateCZBoundaries.pdf>] extends inland to the continuous 10-foot contour in Mobile and Baldwin Counties.

## ALASKA

Alaska withdrew from the voluntary National Coastal Zone Management Program [</czm/about/>] on July 1, 2011. Contact NOAA's Office for Coastal Management for additional information.

## AMERICAN SAMOA

The American Samoa Coastal Management Program [<http://www.doc.as/resource-management/ascmp/>] , approved by NOAA in 1980, is led by the American Samoa Department of Commerce. The coastal program has developed a unique approach that incorporates both western and traditional systems of management. The American Samoa Coastal Management Act provides the primary authority for the program. American Samoa's coastal zone boundary [<https://coast.noaa.gov/data/czm/media/StateCZBoundaries.pdf>] consists of seven islands, totaling roughly 77 square miles, with a coastline of 126 miles.

## CALIFORNIA

The California Coastal Management Program, approved by NOAA in 1978, is administered by three state agencies:

## Contamination and Toxic Substances (Multifamily and Non-Residential Properties)

General requirements	Legislation	Regulations
It is HUD policy that all properties that are being proposed for use in HUD programs be free of hazardous materials, contamination, toxic chemicals and gases, and radioactive substances, where a hazard could affect the health and safety of the occupants or conflict with the intended utilization of the property.		24 CFR 58.5(i)(2) 24 CFR 50.3(i)
Reference		
<a href="https://www.hudexchange.info/programs/environmental-review/site-contamination">https://www.hudexchange.info/programs/environmental-review/site-contamination</a>		

**1. How was site contamination evaluated?<sup>1</sup> Select all that apply.**

- ASTM Phase I ESA
- ASTM Phase II ESA
- Remediation or clean-up plan
- ASTM Vapor Encroachment Screening
- None of the above

→ Provide documentation and reports and include an explanation of how site contamination was evaluated in the Worksheet Summary.

Continue to Question 2.

**2. Were any on-site or nearby toxic, hazardous, or radioactive substances found that could affect the health and safety of project occupants or conflict with the intended use of the property? (Were any recognized environmental conditions or RECs identified in a Phase I ESA and confirmed in a Phase II ESA?)**

- No

**Explain:**

---

<sup>1</sup> HUD regulations at 24 CFR § 58.5(i)(2)(ii) require that the environmental review for multifamily housing with five or more dwelling units or non-residential property include the evaluation of previous uses of the site or other evidence of contamination on or near the site. For acquisition and new construction of multifamily and nonresidential properties HUD strongly advises the review include an ASTM Phase I Environmental Site Assessment (ESA) to meet real estate transaction standards of due diligence and to help ensure compliance with HUD's toxic policy at 24 CFR §58.5(i) and 24 CFR §50.3(i). Also note that some HUD programs require an ASTM Phase I ESA.

There are no Superfund (NPL), Brownfields (ACRES), Toxic Substances Control Act (TSCA), CERCLIS, CERCLIS NFRAP, RCRA CORRACTS Facilities, RCRA non-CORRACTS TSD Facilities within one mile of the project site. There are no Federal Institutional Control/Engineering Control Registry, or Emergency Response Notification System (ERNS) sites on the property. There are two Toxic Release Inventory (TRI) sites within one mile of the project site. The ECHO reports for the TRI sites are attached and indicate no violations identified in the last 12 quarters for both locations. There are no RCRA Generators located near the project site. There are six identified Leaking Underground Storage Tank (LUST) sites within .5 miles of the project site. Four of the sites are listed as Project Phase Complete; one site is listed as Permanently Out of Service and one is listed as Temporarily Out of Service. There is one Kansas Identified Sites List (ISL) within .5 miles of the project site located at 611 Florida St, Scotch Cleaners. The site is currently in long term monitoring. There are no identified city dumps or solid waste landfills within .5 miles of the project site. There are no registered storage tanks on or adjoining the subject property.

GIS aerial maps were examined from 1941, 1954, 1976, 1986, 1995, 2000, 2003, 2006, 2009, 2013, 2016, 2018, and 2020. The area surrounding the project site appears mostly residential until the 1976 aerial.

*→ Based on the response, the review is in compliance with this section.  
Continue to the Worksheet Summary below.*

## **Worksheet Summary**

### **Compliance Determination**

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

There are no Superfund (NPL), Brownfields (ACRES), Toxic Substances Control Act (TSCA), CERCLIS, CERCLIS NFRAP, RCRA CORRACTS Facilities, RCRA non-CORRACTS TSD Facilities within one mile of the project site. There are no Federal Institutional Control/Engineering Control Registry, or Emergency Response Notification System (ERNS) sites on the property. There are two Toxic Release Inventory (TRI) sites within one mile of the project site. The ECHO reports for the TRI sites are attached and indicate no violations identified in the last 12 quarters for both locations. There are no RCRA Generators located near the project site. There are six identified Leaking Underground Storage Tank (LUST) sites within .5 miles of the project site. Four of the sites are listed as Project Phase Complete; one site is listed as Permanently Out of Service and one is listed as Temporarily Out of Service. There is one Kansas Identified Sites List (ISL) within .5 miles of the project site located at 611 Florida St, Scotch Cleaners. The site is currently in long term monitoring. There are no identified city dumps or solid waste landfills within .5 miles of the project site. There are no registered storage tanks on or adjoining the subject property.

GIS aerial maps were examined from 1941, 1954, 1976, 1986, 1995, 2000, 2003, 2006, 2009, 2013, 2016, 2018, and 2020. The area surrounding the project site appears mostly residential until the 1976 aerial.

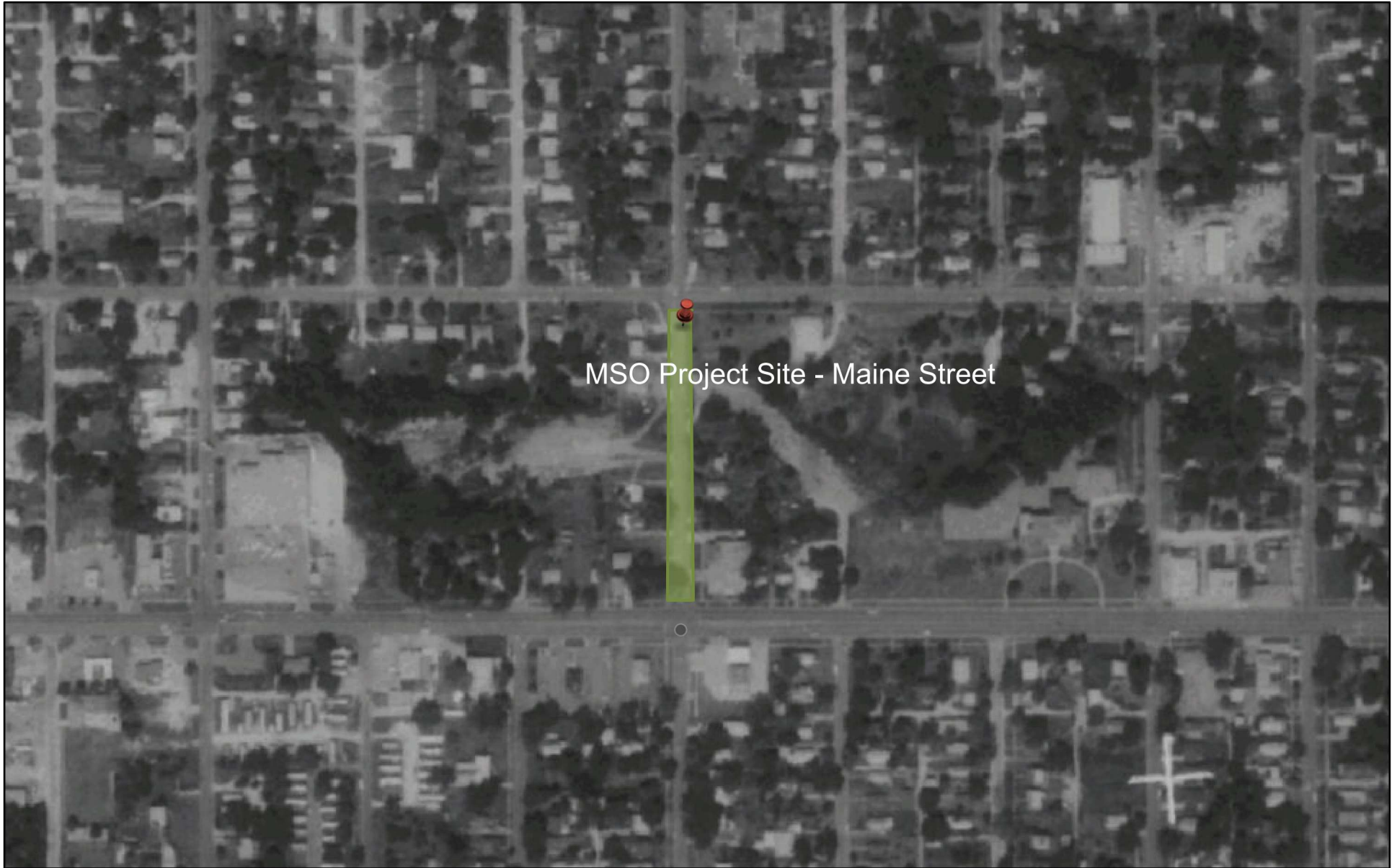
On-site or nearby toxic, hazardous, or radioactive substances that could affect the health and safety of project occupants or conflict with the intended use of the property were not found. The project is in compliance with contamination and toxic substances requirements.

**Are formal compliance steps or mitigation required?**

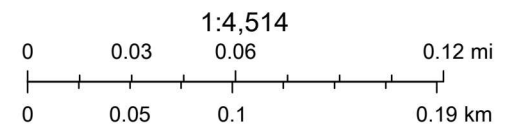
- Yes
- No



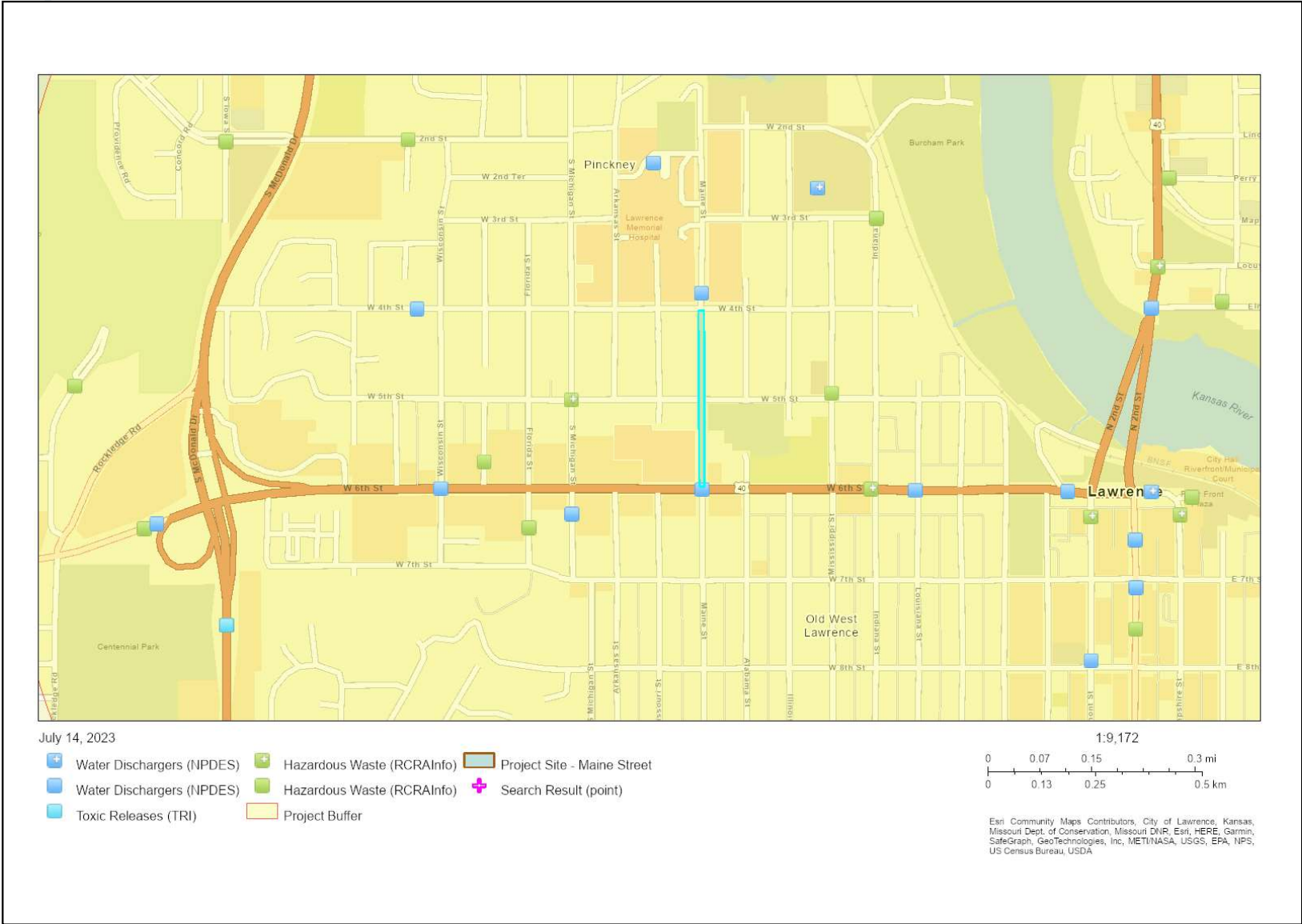
# Maine Street - 1976 Aerial



8/8/2023, 10:12:59 PM



**Project Site - Maine Street**  
Map



**Geographic coordinates:**

POLYGON (38.976908,-95.247693,38.976908,-95.247539,38.973211,-95.247530,38.973218,-95.247667,38.976908,-95.247693)  
 with buffer 1 mile

Note: The information in the following reports is based on publicly available databases and web services. The National Report uses nationally available datasets and the State Reports use datasets available through the EPA Regions. Click on the hyperlinked question to view the data source and associated metadata.

## National Report

Project Area	0.00 sq mi
Within 1 mile of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Federal Land?	no
Within 1 mile of an impaired stream?	yes
Within 1 mile of an impaired waterbody?	yes
Within 1 mile of a waterbody?	yes
Within 1 mile of a stream?	yes
Within 1 mile of an NWI wetland?	<a href="#">click here</a> <b>May take several minutes</b>
Within 1 mile of a Brownfields site?	no
Within 1 mile of a Superfund site?	no
Within 1 mile of a Toxic Release Inventory (TRI) site?	yes
Within 1 mile of a water discharger (NPDES)?	yes
Within 1 mile of a hazardous waste (RCRA) facility?	yes
Within 1 mile of an air emission facility?	yes
Within 1 mile of a school?	yes
Within 1 mile of an airport?	no
Within 1 mile of a hospital?	yes
Within 1 mile of a designated sole source aquifer?	no
Within 1 mile of a historic property on the National Register of Historic Places?	yes
Within 1 mile of a Toxic Substances Control Act (TSCA) site?	no
Within 1 mile of a Land Cession Boundary?	yes

Within 1 mile of a tribal area (lower 48 states)?	no
Within 1 mile of the service area of a mitigation or conservation bank?	yes
Within 1 mile of the service area of an In-Lieu-Fee Program?	yes
Within 1 mile of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 1 mile of a Munitions Response Site?	no
Within 1 mile of an Essential Fish Habitat (EFH)?	no
Within 1 mile of a Habitat Area of Particular Concern (HAPC)?	no
Within 1 mile of an EFH Area Protected from Fishing (EFHA)?	no
Within 1 mile of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 1 mile of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 1 mile of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

Save to Excel

Save as PDF

**Kansas Report** 

**Demographic Reports** 

**USFWS IPaC Report** 

---

**Maine Street - 6th to 4th**

Maine Street - 6th to 4th

prepared for:

Ref:

2023-07-14

## ***Environmental Radius Report***

# Summary

## Federal

	< 1/4	1/4 - 1/2	1/2 - 1
Lists of Federal NPL (Superfund) sites	0	0	0
Lists of Federal Delisted NPL sites	0	0	-
Lists of Federal sites subject to CERCLA removals and CERCLA orders	0	0	-
Lists of Federal CERCLA sites with NFRAP	0	0	-
Lists of Federal RCRA facilities undergoing Corrective Action	0	0	0
Lists of Federal RCRA TSD facilities	0	0	-
Lists of Federal RCRA generators	0	-	-
Federal institutional control/engineering control registries	0	-	-
Federal ERNS list	0	-	-

## State

	< 1/4	1/4 - 1/2	1/2 - 1
Lists of state and tribal Superfund equivalent sites	0	2	4
Lists of state and tribal hazardous waste facilities	2	3	-
Lists of state and tribal landfills and solid waste disposal facilities	0	0	-
Lists of state and tribal leaking storage tanks	3	3	-
Lists of state and tribal registered storage tanks	4	-	-
State and tribal institutional control/engineering control registries	0	-	-
Lists of state and tribal voluntary cleanup sites	0	0	-
Lists of state and tribal brownfields sites	0	0	-

## Other

	< 1/4	1/4 - 1/2	1/2 - 1
State and/or tribal lists of spills and spill responses	0	0	-
State and/or tribal lists of dry cleaners	0	1	-
State and/or tribal lists of clandestine laboratory cleanups	2	2	-
State and/or tribal lists of permitted facilities	6	-	-
Resource Conservation and Recovery Act Information (RCRAInfo)	4	5	-
U.S. EPA Underground Storage Tanks (UST)	6	-	-
U.S. EPA Toxic Release Inventory System (TRIS)	0	0	-

---

## **Lists of Federal NPL (Superfund) sites**

The National Priorities List (NPL) is the list of sites of national priority among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. The NPL is intended primarily to guide the EPA in determining which sites warrant further investigation. The NPL is updated periodically, as mandated by CERCLA.

**There were no Federal NPL sites found within a one-mile radius of the target property.**



---

## **Lists of Federal Delisted NPL sites**

The EPA may delete a final NPL site if it determines that no further response is required to protect human health or the environment. Under Section 300.425(e) of the NCP (55 FR 8845, March 8, 1990), a site may be deleted when no further response is appropriate if EPA determines that one of the following criteria has been met: 1) EPA, in conjunction with the state, has determined that responsible parties have implemented all appropriate response action required, 2) EPA, in consultation with the state, has determined that all appropriate Superfund-financed responses under CERCLA have been implemented and that no further response by responsible parties is appropriate, 3) A remedial investigation/feasibility study (RI/FS) has shown that the release poses no significant threat to public health or the environment and, therefore, remedial measures are not appropriate.

**There were no Federal Delisted NPL sites found within a half-mile radius of the target property.**

---

## **Lists of Federal sites subject to CERCLA removals and CERCLA orders**

CERCLA identifies the classes of parties liable under CERCLA for the cost of responding to releases of hazardous substances. In addition, CERCLA contains provisions specifying when Federal installations must report releases of hazardous substances and the cleanup procedures they must follow. Executive Order No. 12580, Superfund Implementation, delegates response authorities to EPA and the Coast Guard. Generally, the head of the Federal agency has the delegated authority to address releases at the Federal facilities in its jurisdiction.

**There were no Federal sites subject to CERCLA removals and/or orders found within a half-mile radius of the target property.**

---

## **Lists of Federal CERCLA sites with NFRAP**

No Further Remedial Action Planned (NFRAP) is a decision made as part of the Superfund remedial site evaluation process to denote that further remedial assessment activities are not required and that the facility/site does not pose a threat to public health or the environment sufficient to qualify for placement on the National Priorities List (NPL) based on currently available information. These facilities/sites may be re-evaluated if EPA receives new information or learns that site conditions have changed. A NFRAP decision does not mean the facility/site is free of contamination and does not preclude the facility/site from being addressed under another federal, state or tribal cleanup program.

**There were no Federal CERCLA sites with No Further Remedial Action Planned (NFRAP) decisions found within a half-mile radius of the target property.**

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## **Lists of Federal RCRA facilities undergoing Corrective Action**

Corrective action is a requirement under the Resource Conservation and Recovery Act (RCRA) that facilities that treat, store or dispose of hazardous wastes investigate and cleanup hazardous releases into soil, ground water, surface water and air. Corrective action is principally implemented through RCRA permits and orders. RCRA permits issued to TSDFs must include provisions for corrective action as well as financial assurance to cover the costs of implementing those cleanup measures. In addition to the EPA, 44 states and territories are authorized to run the Corrective Action program.

**There were no Federal RCRA facilities undergoing corrective action(s) found within a one-mile radius of the target property.**

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## **Lists of Federal RCRA TSD facilities**

The final link in RCRA's cradle-to-grave concept is the treatment, storage, and disposal facility (TSD) that follows the generator and transporter in the chain of waste management activities. The regulations pertaining to TSDs are more stringent than those that apply to generators or transporters. They include general facility standards as well as unit-specific design and operating criteria.

**There were no Federal RCRA treatment, storage and disposal facilities (TSDs) found within a half-mile radius of target property.**



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## **Lists of Federal RCRA generators**

A generator is any person who produces a hazardous waste as listed or characterized in part 261 of title 40 of the Code of Federal Regulations (CFR). Recognizing that generators also produce waste in different quantities, EPA established three categories of generators in the regulations: very small quantity generators, small quantity generators, and large quantity generators. EPA regulates hazardous waste under the Resource Conservation and Recovery Act (RCRA) to ensure that these wastes are managed in ways that protect human health and the environment. Generators of hazardous waste are regulated based on the amount of hazardous waste they generate in a calendar month, not the size of their business or facility.

**There were no Federal RCRA generators found at the target property and/or adjoining properties.**

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## Federal institutional control/engineering control registries

Institutional Controls (IC) are defined as non-engineered and/or legal controls that minimize the potential human exposure to contamination by limiting land or resource use. Whereas, Engineering Controls (EC) consist of engineering measures (e.g, caps, treatment systems, etc.) designed to minimize the potential for human exposure to contamination by either limiting direct contact with contaminated areas or controlling migration of contaminants through environmental media.

**There were no Federal institutional or engineering controls found at the target property.**

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## Federal ERNS list

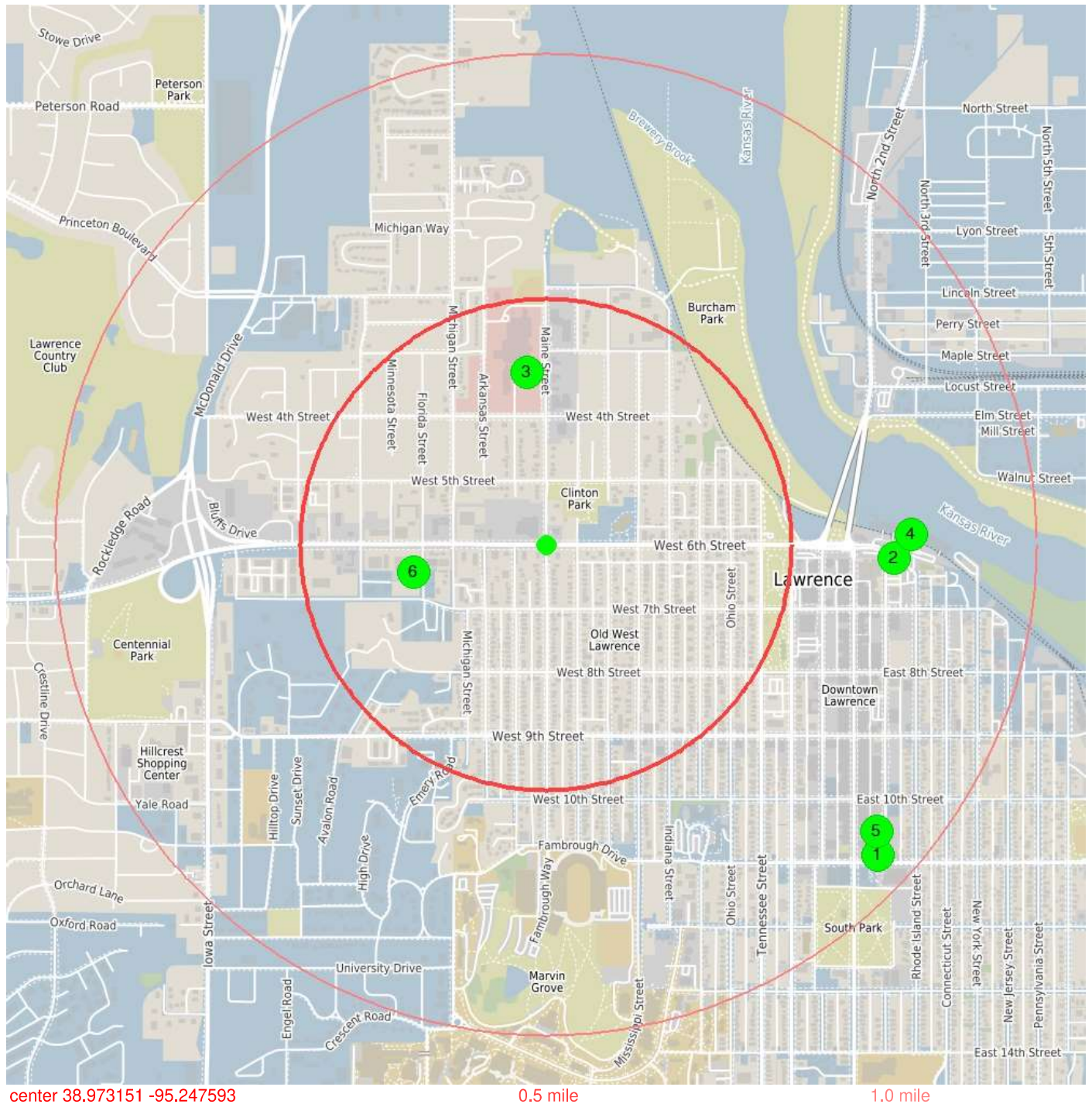
The Emergency Response Notification System (ERNS) is a database used to store information on notification of oil discharges and hazardous substances releases. The ERNS program is a cooperative data sharing effort encompassing the National Response Center (NRC), operated by the US Coast Guard, EPA HQ and EPA regional offices. ERNS data is used to analyze release notifications, track EPA responses and compliance to environmental laws, support emergency planning efforts, and assist decision-makers in developing spill prevention programs.

**There were no Federally recorded releases of oil and/or hazardous substances at the target property.**

# Lists of state and tribal Superfund equivalent sites

## KDHE - IDENTIFIED SITES LIST

Kansas Department of Health and the Environment (KDHE) maintains an Identified Sites List (ISL) which contains sites identified as contaminated, formerly contaminated, or that have been evaluated for contamination.



KDHE - IDENTIFIED SITES LIST

<b>1</b>	
Site Name	<b>ALLEN PRESS, INC</b>
Status Description	<b>Active</b>
Project Code	<b>C402373638</b>
Contamination Type	<b>Chlorides Refined Petroleum VOC</b>
Has Environmental Use Covenant (EUC)	<b>No</b>
distance from center (miles)	0.9260
data source	last updated 2022-03-18 from KDHE-ISL

<b>2</b>	
Site Name	<b>FORMER REUTER ORGAN</b>
Status Description	<b>Active</b>
Project Code	<b>C402373731</b>
Contamination Type	<b>Heavy Metal, Refined Petroleum</b>
Has Environmental Use Covenant (EUC)	<b>No</b>
distance from center (miles)	0.7103
data source	last updated 2022-03-18 from KDHE-ISL

<b>3</b>	
Site Name	<b>LAWRENCE FORMER HOSPITAL SITE</b>
Status Description	<b>Resolved</b>
Project Code	<b>C402370808</b>
Contamination Type	<b>VOC</b>
Has Environmental Use Covenant (EUC)	<b>No</b>
distance from center (miles)	0.3537
data source	last updated 2022-03-18 from KDHE-ISL

<b>4</b>	
Site Name	<b>LAWRENCE RIVER FRONT MALL</b>
Status Description	<b>Resolved</b>
Project Code	<b>C402371477</b>
Contamination Type	<b>N/A</b>
Has Environmental Use Covenant (EUC)	<b>No</b>
distance from center (miles)	0.7449
data source	last updated 2022-03-18 from KDHE-ISL

<b>5</b>	
Site Name	<b>SCOTCH CLEANERS</b>
Status Description	<b>Active</b>
Project Code	<b>C402373686</b>
Contamination Type	<b>VOC</b>
Has Environmental Use Covenant (EUC)	<b>No</b>
distance from center (miles)	0.8924
data source	last updated 2022-03-18 from KDHE-ISL

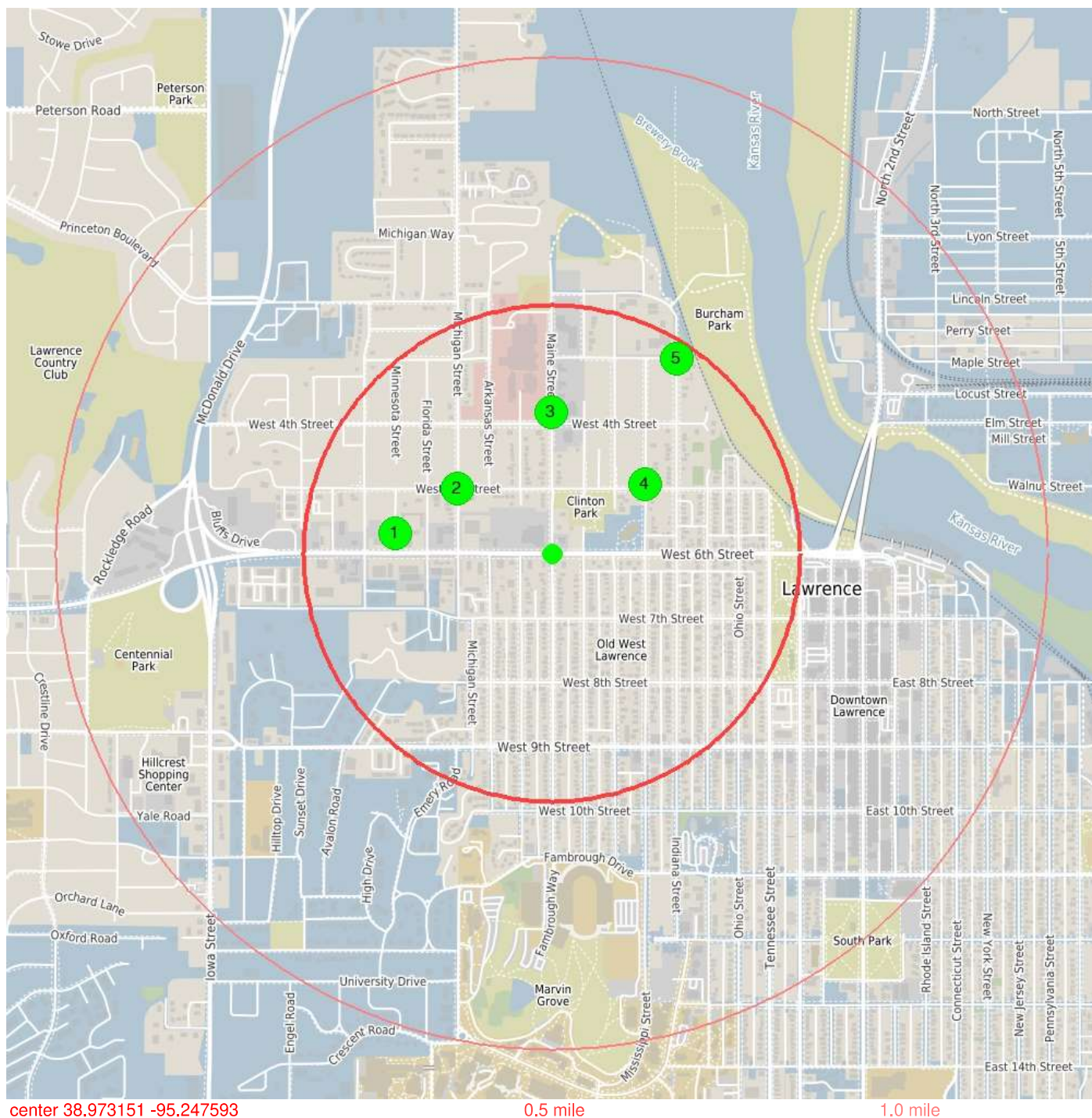
6

Site Name	<b>SCOTCH CLEANERS</b>
Status Description	<b>Active</b>
Project Code	<b>C402371948</b>
Contamination Type	<b>VOC</b>
Has Environmental Use Covenant (EUC)	<b>No</b>
distance from center (miles)	0.2753
data source	last updated 2022-03-18 from KDHE-ISL



# Lists of state and tribal hazardous waste facilities

## KDHE - RCRA HAZARDOUS WASTE FACILITIES



<b>1</b>	
RCRA Name	<b>BEAUS IMPORTS INC</b>
Source ID	<b>KSD130725542</b>
Facility Address	<b>545 MINNESOTA</b>
Facility City	<b>LAWRENCE</b>
Registry ID	<b>110003165832</b>
Significant Non-Compliance	<b>No</b>
distance from center (miles)	0.3182
data source	last updated 2022-02-14 from KDHE-HWF

<b>2</b>	
RCRA Name	<b>LAWRENCE BODY SHOP</b>
Source ID	<b>KSD984988188</b>
Facility Address	<b>501 MICHIGAN</b>
Facility City	<b>LAWRENCE</b>
Registry ID	<b>110008352870</b>
Significant Non-Compliance	<b>No</b>
distance from center (miles)	0.2297
data source	last updated 2022-02-14 from KDHE-HWF

<b>3</b>	
RCRA Name	<b>LAWRENCE MEMORIAL HOSP</b>
Source ID	<b>KS0000943613</b>
Facility Address	<b>325 MAINE</b>
Facility City	<b>LAWRENCE</b>
Registry ID	<b>110003143964</b>
Significant Non-Compliance	<b>No</b>
distance from center (miles)	0.2846
data source	last updated 2022-02-14 from KDHE-HWF

<b>4</b>	
RCRA Name	<b>LAWRENCE TRAFFIC ENGR CITY OF</b>
Source ID	<b>KSR000004572</b>
Facility Address	<b>445 S MISSISSIPPI</b>
Facility City	<b>LAWRENCE</b>
Registry ID	<b>110003206842</b>
Significant Non-Compliance	<b>No</b>
distance from center (miles)	0.2338
data source	last updated 2022-02-14 from KDHE-HWF

5

RCRA Name	<b>LAWRENCE UTILITY DEPT CITY OF</b>
Source ID	<b>KSR000003186</b>
Facility Address	<b>3RD &amp; INDIANA</b>
Facility City	<b>LAWRENCE</b>
Registry ID	<b>110008355485</b>
Significant Non-Compliance	<b>No</b>
distance from center (miles)	0.4672
data source	last updated 2022-02-14 from KDHE-HWF

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## **Lists of state and tribal landfills and solid waste disposal facilities**

Title 40 of the CFR parts 239 through 259 contain the regulations for non-hazardous solid waste programs set up by the states. EPA has requirements for state solid waste permit programs, guidelines for the processing of solid waste, guidelines for storage and collection of commercial, residential and institutional solid waste, and the criteria for municipal solid waste landfills. State solid waste programs may be more stringent than the federal code requires.

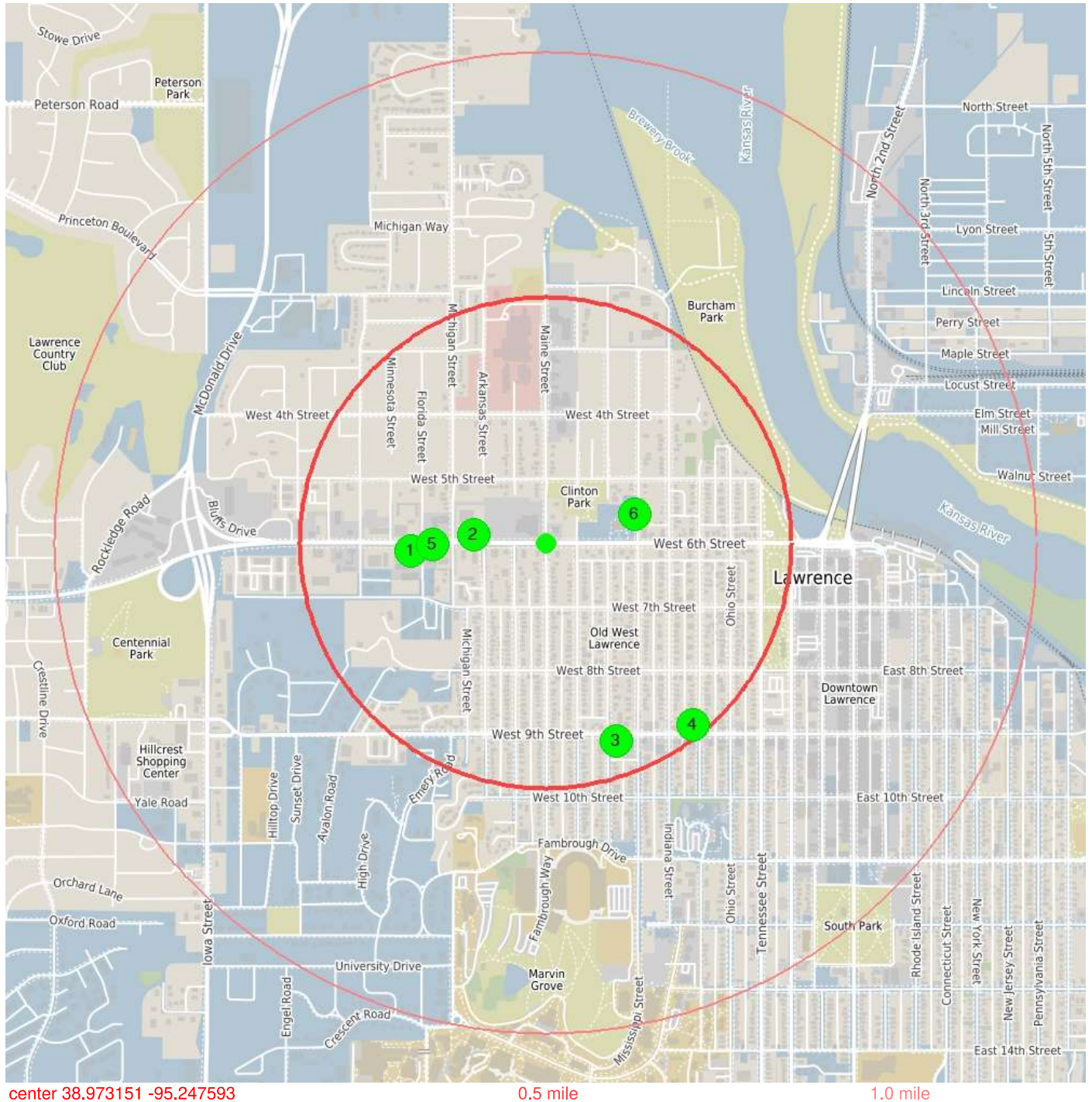
**There were no State and/or tribal landfills or solid waste disposal facilities found within a half-mile radius of the target property.**



# Lists of state and tribal leaking storage tanks

## KDHE - LEAKING UNDERGROUND STORAGE TANKS

The Kansas Department of Health and Environment (KDHE) Storage Tank Section enforces federal and state storage tank regulations and provides oversight and direction of investigations and remedial activities at sites where storage tank releases have taken place. Site remediation may be funded by responsible parties, or through reimbursement from the state Petroleum Storage Tank Reimbursement Fund or from the federal LUST Trust Fund.



<b>1</b>	
Name	<b>Former Texaco Filling Station (U4-023-00732)</b>
Address	<b>1501 6TH ST</b>
City	<b>LAWRENCE</b>
Project Status	<b>Monitoring</b>
Start Date	<b>1990-09-26</b>
End Date	<b>2005-03-31</b>
Link	<a href="#">Link</a>
distance from center (miles)	0.2749
data source	last updated 2021-12-14 from KDHE-LUST

<b>2</b>	
Name	<b>Jayhawk Oil Company, Inc. (U4-023-00175)</b>
Address	<b>1302-1306 WEST 6TH</b>
City	<b>LAWRENCE</b>
Project Status	<b>Risk Based Corrective Action</b>
Start Date	<b>1990-01-18</b>
End Date	<b>2008-08-28</b>
Link	<a href="#">Link</a>
distance from center (miles)	0.1464
data source	last updated 2021-12-14 from KDHE-LUST

<b>3</b>	
Name	<b>Kerr-McGee #6366 (U4-023-10514)</b>
Address	<b>900 ILLINOIS</b>
City	<b>LAWRENCE</b>
Project Status	<b>Monitoring</b>
Start Date	<b>1995-08-10</b>
End Date	<b>2004-04-29</b>
Link	<a href="#">Link</a>
distance from center (miles)	0.4294
data source	last updated 2021-12-14 from KDHE-LUST

<b>4</b>	
Name	<b>Presto Convenience Store #25 (U4-023-13799)</b>
Address	<b>602 W. 9TH STREET</b>
City	<b>LAWRENCE</b>
Project Status	<b>Operation Maintenance and Monitoring</b>
Start Date	<b>2006-04-29</b>
Link	<a href="#">Link</a>
distance from center (miles)	0.4764
data source	last updated 2021-12-14 from KDHE-LUST



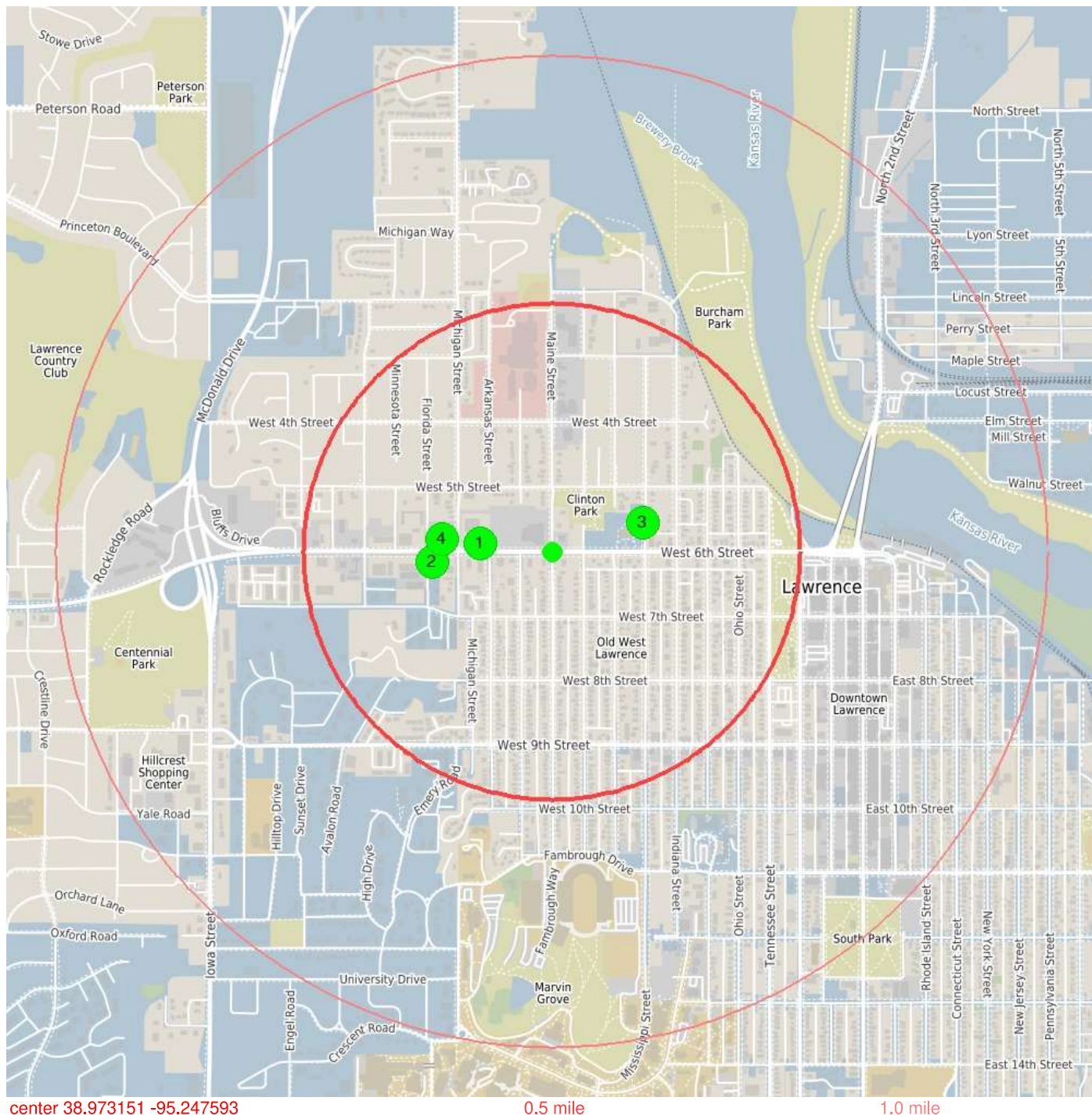
<b>5</b>	
Name	<b>Texaco - 1415 W. 6th (U4-023-01548)</b>
Address	<b>1415 WEST 6TH STREET</b>
City	<b>LAWRENCE</b>
Project Status	<b>Well Abandonment</b>
Start Date	<b>1993-12-14</b>
End Date	<b>2009-07-28</b>
Link	<a href="#">Link</a>
distance from center (miles)	0.2427
data source	last updated 2021-12-14 from KDHE-LUST

<b>6</b>	
Name	<b>USD 497, Pinckney Elementary (U4-023-12637)</b>
Address	<b>810 W 6TH ST</b>
City	<b>LAWRENCE</b>
Project Status	<b>Converted Payable Data</b>
Start Date	<b>1999-07-21</b>
End Date	<b>2000-01-03</b>
Link	<a href="#">Link</a>
distance from center (miles)	0.1915
data source	last updated 2021-12-14 from KDHE-LUST

# Lists of state and tribal registered storage tanks

## KDHE - STORAGE TANKS

The Kansas Department of Health and Environment (KDHE) Storage Tank Section enforces federal and state storage tank regulations and provides oversight and direction of investigations and remedial activities at sites where storage tank releases have taken place.



<b>1</b>	
Project Code	U4-023-00175
Facility ID	25120
Project Name	Jayhawk Oil
Owner	Jayhawk Oil
Address	1302-1306 West 6th
City	Lawrence
Status	Closed
Initial Report Date	1990-01-19 00:00:00
Discovery Date	1990-01-18 00:00:00
Substance Released	gasoline
KDHE Staff Name	Marvin Glotzbach
Assessment	A line leak was suspected ,Operator contacted Topeka Pump Company, stopped selling gas. When the system was checked,1 tank and a line were found to be leaking. Three tanks were removed. The 5000 gallon tank had a hole and both it and the 3000 gallon tan
distance from center (miles)	0.1452
data source	last updated 2022-03-04 from KDHE-TANKS

<b>2</b>	
Project Code	U4-023-01548
Facility ID	28943
Project Name	Texaco, Lawrence
Owner	Uni Mart Convenient Stores Inc
Address	1415 W 6th
City	Lawrence
Status	Closed
Initial Report Date	1993-12-15 00:00:00
Discovery Date	1993-12-16 00:00:00
Substance Released	gasoline
Leak Type	Piping
KDHE Staff Name	Dan Kellerman
Assessment	~1/4" free gas product in underground storage tank basin. Pump labeled #1 is location of release. Observation tubes E, C & D all had product. I informed Mr Benefiel of trust fund in event that emergency response is needed.
distance from center (miles)	0.2419
data source	last updated 2022-03-04 from KDHE-TANKS

<b>3</b>	
Project Code	U4-023-12637
Facility ID	09118
Project Name	Usd 497, Pinckney Elementary
Owner	Usd 497
Address	810 W 6th St
City	Lawrence
Status	Closed
Initial Report Date	1999-07-22 00:00:00
Substance Released	fuel oil
KDHE Staff Name	Danial Wells
Assessment	1-3000 gal ust filled in place in '86. contam recently discovered during geotech work for new addition being built over top of tank. soil probe advanced. samples from backfill around each end of tank @ 4ft stained w/strong odor & 2000ppm tph each. p
distance from center (miles)	0.1920
data source	last updated 2022-03-04 from KDHE-TANKS

KDHE - STORAGE TANKS

4

Project Code	U4-023-13036
Facility ID	81788
Project Name	Westridge Medical Plaza
Owner	Paley Properties
Address	1400 W 6th St
City	Lawrence
Status	Closed
Initial Report Date	2000-01-29 00:00:00
Substance Released	gas, diesel
KDHE Staff Name	Dan Kellerman
Assessment	Release found during phase II for property transaction. Six soil probes advanced. samples from 16-20ft = 292 & 227mg/kg Total petroleum hydrocarbons. Groundwater sample did not indicate btex or tph > maximum contaminant levels. Site not operated as ga
distance from center (miles)	0.2080
data source	last updated 2022-03-04 from KDHE-TANKS

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## State and tribal institutional control/engineering control registries

Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Engineering controls consist of engineering measures (e.g., caps, treatment systems, etc.) designed to minimize the potential for human exposure to contamination by either limiting direct contact with contaminated areas or controlling migration of contaminants through environmental media. It is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable.

**There were no State and/or tribal institutional and/or engineering controls found filed against the target property.**

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## **Lists of state and tribal voluntary cleanup sites**

State cleanup programs play a significant role in assessing and cleaning up contaminated sites. State cleanup programs typically are programs authorized by state statutes to address brownfields and other lower-risk sites that are not of federal interest. The EPA has historically supported the use of state cleanup programs and continues to provide grant funding to establish and enhance the programs. This approach was codified in 2002 as Section 182 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

**There were no State and/or tribal voluntary cleanup sites found within a half-mile radius of the target property.**



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## **Lists of state and tribal brownfields sites**

Since its inception in 1995, EPA's Brownfields and Land Revitalization Program has grown into a proven, results-oriented program that has changed the way communities address and manage contaminated property. The program is designed to empower states, tribes, communities, and other stakeholders to work together to prevent, assess, safely clean up, and sustainably reuse brownfields. Beginning in the mid-1990s, EPA provided small amounts of seed money to local governments that launched hundreds of two-year Brownfields pilot projects and developed guidance and tools to help states, communities and other stakeholders in the cleanup and redevelopment of brownfields sites.

**There were no State and/or tribal brownfields sites found within a half-mile radius of the target property.**

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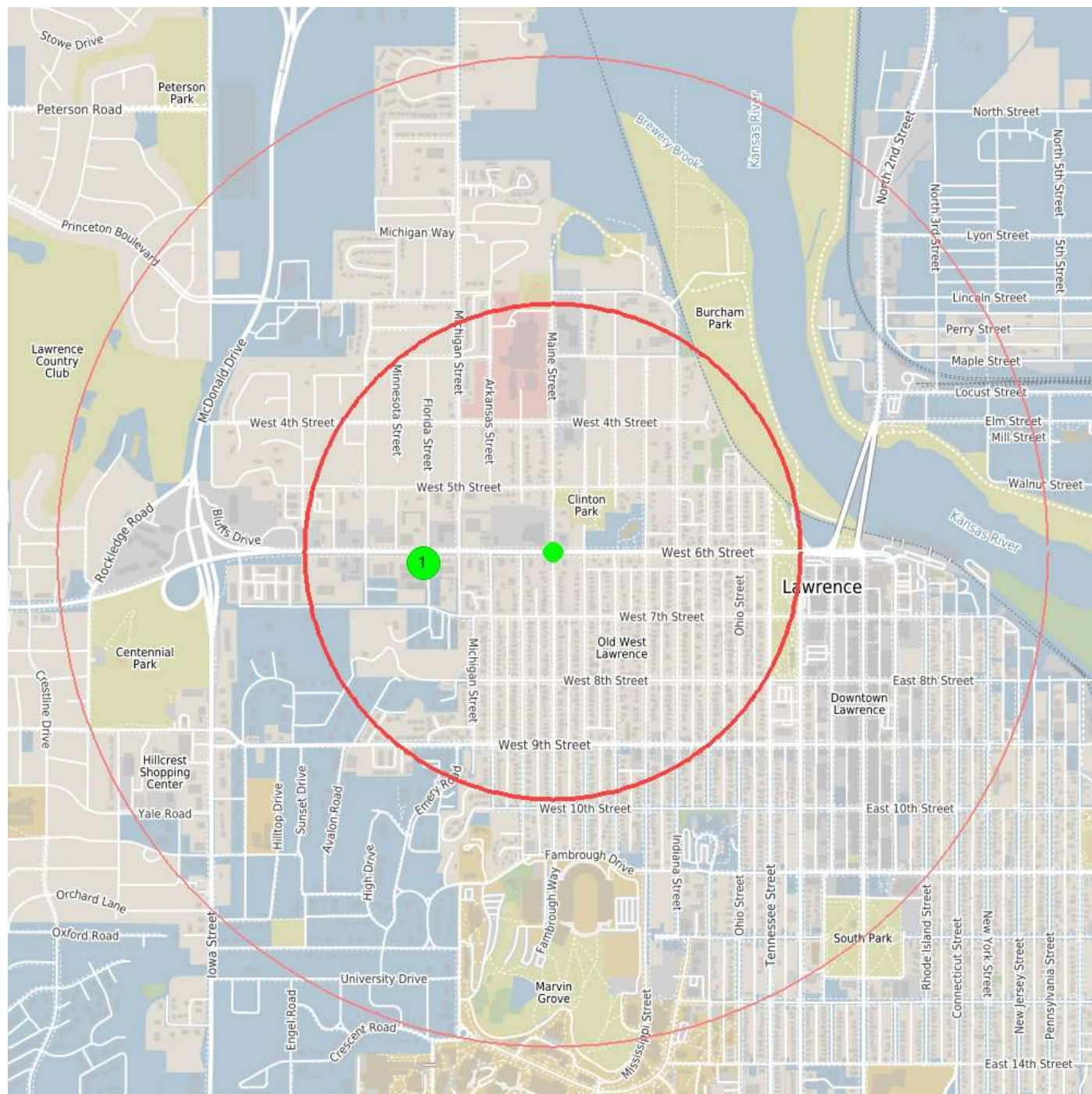
## State and/or tribal lists of spills and spill responses

No records found

# State and/or tribal lists of dry cleaners

## KDHE - DRYCLEANERS

The Kansas Dry Cleaning Program was created when the Kansas Drycleaner Environmental Response Act became effective on July 1, 1995. The Program addresses facility registration, pollution prevention, and soil and groundwater contamination at retail dry cleaning facilities. A Dry Cleaning Facility Release Trust Fund was developed as a funding mechanism for conducting state-led investigations and remediation of soil and ground water contamination at sites that have applied and been accepted into the Dry Cleaning Facility Release Trust Fund.



1

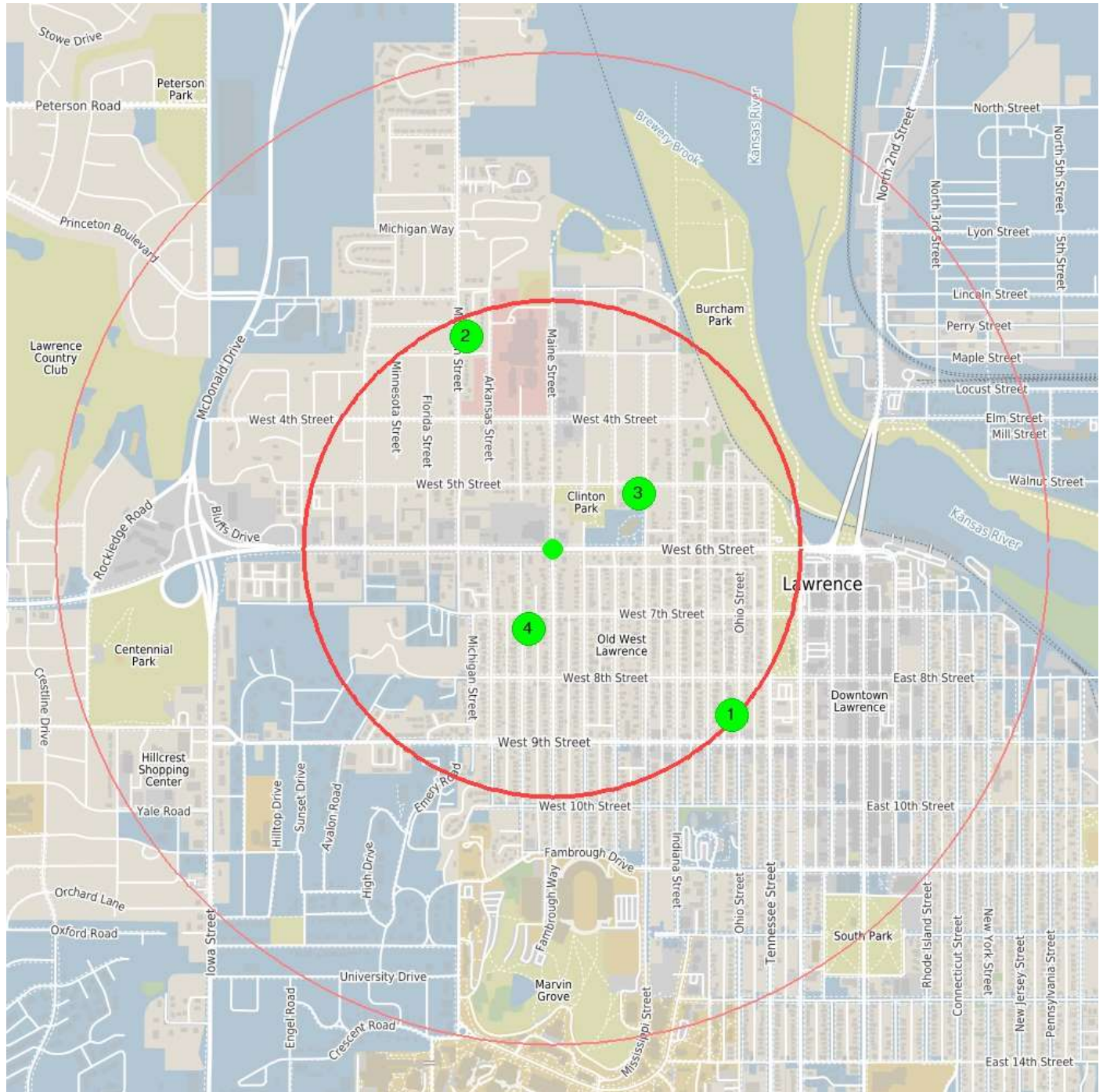
Facility Name	<b>SCOTCH FABRIC CARE SERVICES</b>
Address	<b>611 FLORIDA ST</b>
City	<b>LAWRENCE</b>
Description	<b>Dry Cleaners</b>
Status	<b>Active</b>
distance from center (miles)	0.2622
data source	last updated 2021-12-14 from KDHE-DC



# State and/or tribal lists of clandestine laboratory cleanups

## CLANDESTINE DRUG LABS

The United States Drug Enforcement Administration (DEA) maintains National Clandestine Laboratory Register Data, which is a list that contains addresses of some locations where law enforcement agencies reportedly found chemicals or other items, indicating the presence of either clandestine drug laboratories or dumpsites.



center 38.973151 -95.247593

0.5 mile

1.0 mile

<b>1</b>	distance from center (miles)	0.4940
	data source	last updated 2020-11-02 from CLANDESTINE DRUG LABS

2

distance from center (miles)	0.4619
data source	last updated 2020-11-02 from CLANDESTINE DRUG LABS

3

distance from center (miles)	0.2072
data source	last updated 2020-11-02 from CLANDESTINE DRUG LABS

4

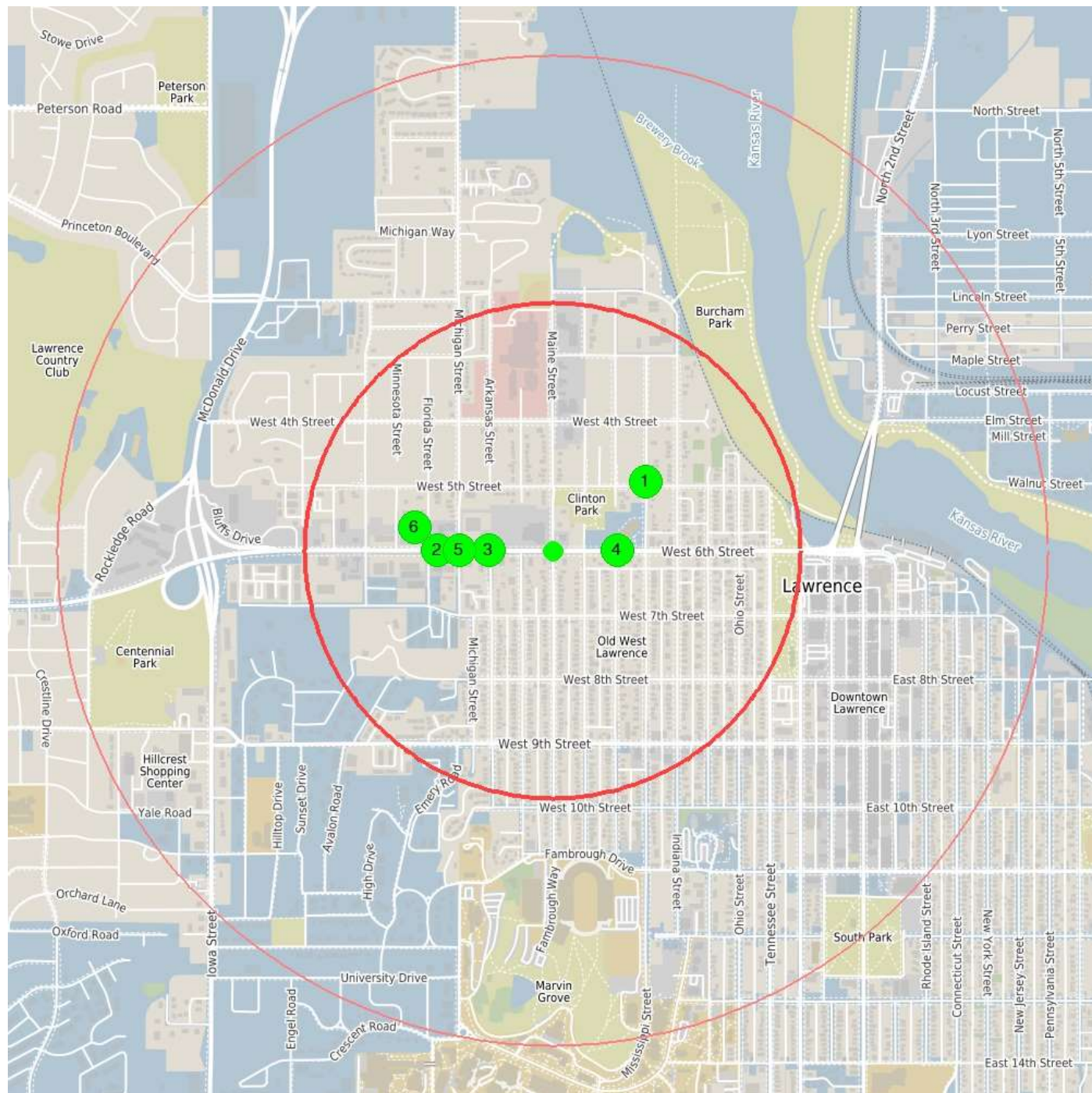
distance from center (miles)	0.1691
data source	last updated 2020-11-02 from CLANDESTINE DRUG LABS



# State and/or tribal lists of permitted facilities

## KANSAS - FACILITY PROFILE

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



center 38.973151 -95.247593

0.5 mile

1.0 mile

<b>1</b>	
Registry ID	110017529076
Name	CITY SIGN MAINT. SHOP
Address	445 MISSISSIPPI ST
City	LAWRENCE
Site Type	STATIONARY
Program Acronyms	KS-FP:1451282
Interest Type	STATE MASTER
Point of Reference Description	CENTER OF A FACILITY OR STATION
Date Created	20-APR-04
Date Updated	16-FEB-12
FRS Facility Detail Report URL	<a href="#">Link</a>
distance from center (miles)	0.2338
data source	last updated from FACILITY REGISTRY SERVICE

<b>2</b>	
Registry ID	110017459711
Name	FASTLANE
Address	1414 W 6TH ST
City	LAWRENCE
Site Type	STATIONARY
Program Acronyms	KS-FP:1436988
Interest Type	STATE MASTER
Point of Reference Description	CENTER OF A FACILITY OR STATION
Date Created	20-APR-04
Date Updated	16-FEB-12
FRS Facility Detail Report URL	<a href="#">Link</a>
distance from center (miles)	0.2319
data source	last updated from FACILITY REGISTRY SERVICE

<b>3</b>	
Registry ID	110017542140
Name	JAYHAWK OIL INC
Address	1302-1306 W 6TH ST
City	LAWRENCE
Site Type	STATIONARY
Program Acronyms	KS-FP:1447161
Interest Type	STATE MASTER
Point of Reference Description	ENTRANCE POINT OF A FACILITY OR STATION
Date Created	20-APR-04
Date Updated	16-FEB-12
FRS Facility Detail Report URL	<a href="#">Link</a>
distance from center (miles)	0.1279
data source	last updated from FACILITY REGISTRY SERVICE

<b>4</b>	
Registry ID	110017491365
Name	USD #497
Address	810 W 6TH ST
City	LAWRENCE
Site Type	STATIONARY
Program Acronyms	KS-FP:1437387
Interest Type	STATE MASTER
Point of Reference Description	CENTER OF A FACILITY OR STATION
Date Created	20-APR-04
Date Updated	16-FEB-12
FRS Facility Detail Report URL	<a href="#">Link</a>
distance from center (miles)	0.1312
data source	last updated from FACILITY REGISTRY SERVICE

<b>5</b>	
Registry ID	110017553100
Name	WESTRIDGE MEDICAL PLAZA
Address	1400 W 6TH ST
City	LAWRENCE
Site Type	STATIONARY
Program Acronyms	KS-FP:1489267
Interest Type	STATE MASTER
Point of Reference Description	ENTRANCE POINT OF A FACILITY OR STATION
Date Created	20-APR-04
Date Updated	16-FEB-12
FRS Facility Detail Report URL	<a href="#">Link</a>
distance from center (miles)	0.1878
data source	last updated from FACILITY REGISTRY SERVICE

<b>6</b>	
Registry ID	110017466222
Name	ZAROCO 66 #6
Address	1415 W 6TH ST
City	LAWRENCE
Site Type	STATIONARY
Program Acronyms	KS-FP:1463329
Interest Type	STATE MASTER
Point of Reference Description	CENTER OF A FACILITY OR STATION
Date Created	20-APR-04
Date Updated	16-FEB-12
FRS Facility Detail Report URL	<a href="#">Link</a>
distance from center (miles)	0.2314
data source	last updated from FACILITY REGISTRY SERVICE

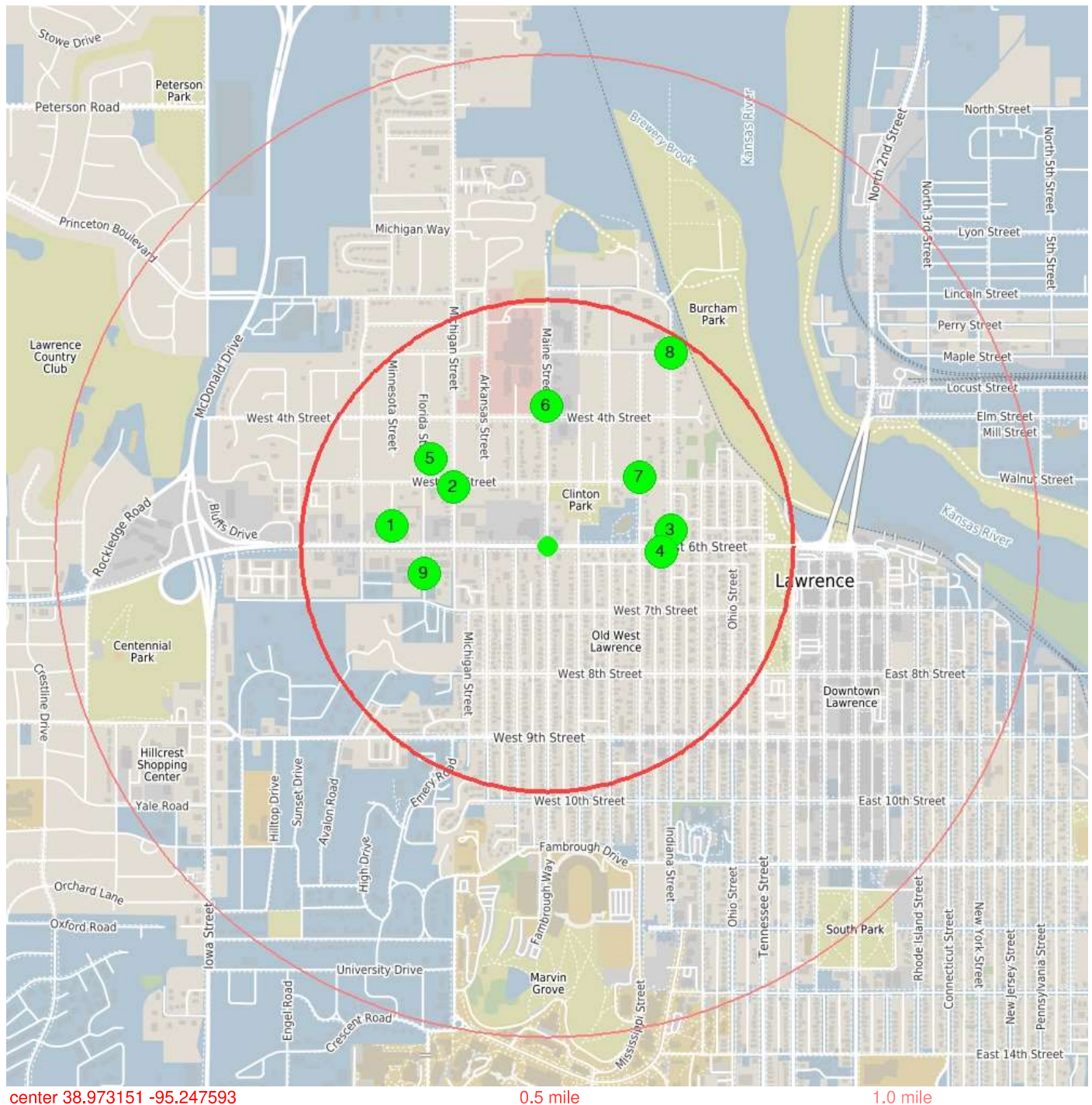


# Resource Conservation and Recovery Act Information (RCRAInfo)

## RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste.

Please note that RCRAInfo contains all hazardous waste handlers in addition to TSDFs, generators, and facilities undergoing RCRA corrective action. One may encounter duplicate records from the TSDF, generators, and/or the RCRA corrective action sections. This source was searched for all records within a half-mile of the target property.



center 38.973151 -95.247593

0.5 mile

1.0 mile

<b>1</b>	
Registry ID	110003165832
Name	BEAUS IMPORTS INC
Address	545 MINNESOTA
City	LAWRENCE
Site Type	STATIONARY
Program Acronyms	RCRAINFO:KSD130725542
Interest Type	VSQG
Point of Reference Description	CENTER OF A FACILITY OR STATION
Date Created	01-MAR-00
Date Updated	29-DEC-14
FRS Facility Detail Report URL	<a href="#">Link</a>
distance from center (miles)	0.3182
data source	last updated from FACILITY REGISTRY SERVICE

<b>2</b>	
Registry ID	110008345610
Name	COMET CORP
Address	508 MICHIGAN
City	LAWRENCE
Site Type	STATIONARY
Program Acronyms	RCRAINFO:KSD045099710
Interest Type	UNSPECIFIED UNIVERSE
Point of Reference Description	ENTRANCE POINT OF A FACILITY OR STATION
Date Created	01-MAR-00
Date Updated	29-DEC-14
FRS Facility Detail Report URL	<a href="#">Link</a>
distance from center (miles)	0.2238
data source	last updated from FACILITY REGISTRY SERVICE

<b>3</b>	
Registry ID	110003155148
Name	INDEPENDENT LAUNDRY & DRY CLEANING
Address	547 INDIANA
City	LAWRENCE
Site Type	STATIONARY
Program Acronyms	RCRAINFO:KSD045101193
Interest Type	UNSPECIFIED UNIVERSE
Point of Reference Description	ENTRANCE POINT OF A FACILITY OR STATION
Date Created	01-MAR-00
Date Updated	29-DEC-14
FRS Facility Detail Report URL	<a href="#">Link</a>
distance from center (miles)	0.2530
data source	last updated from FACILITY REGISTRY SERVICE

<b>4</b>	
Registry ID	110003195177
Name	K 2 GRAPHICS
Address	710 W 6TH
City	LAWRENCE
Site Type	STATIONARY
Program Acronyms	RCRAINFO:KSD985000009
Interest Type	UNSPECIFIED UNIVERSE
Point of Reference Description	ENTRANCE POINT OF A FACILITY OR STATION
Date Created	01-MAR-00
Date Updated	29-DEC-14
FRS Facility Detail Report URL	<a href="#">Link</a>
distance from center (miles)	0.2447
data source	last updated from FACILITY REGISTRY SERVICE

<b>5</b>	
Registry ID	110008352870
Name	LAWRENCE BODY SHOP
Address	501 MICHIGAN
City	LAWRENCE
Site Type	STATIONARY
Program Acronyms	RCRAINFO:KSD984988188
Interest Type	VSQG
Point of Reference Description	ENTRANCE POINT OF A FACILITY OR STATION
Date Created	01-MAR-00
Date Updated	29-DEC-14
FRS Facility Detail Report URL	<a href="#">Link</a>
distance from center (miles)	0.2297
data source	last updated from FACILITY REGISTRY SERVICE

<b>6</b>	
Registry ID	110003143964
Name	LAWRENCE MEMORIAL HOSP
Address	325 MAINE STREET
City	LAWRENCE
Site Type	STATIONARY
Program Acronyms	AIR:KS0000002004500052, AIR:KS00000020045C0018, AIRS/AFS:2004500052, AIRS/AFS:20045C0018, KS-FP:22223946, RCRAINFO:KS0000943613
Interest Type	AIR MINOR, STATE MASTER, VSQG
Point of Reference Description	CENTER OF A FACILITY OR STATION
Date Created	01-MAR-00
Date Updated	09-JAN-15
FRS Facility Detail Report URL	<a href="#">Link</a>
distance from center (miles)	0.2846
data source	last updated from FACILITY REGISTRY SERVICE



<b>7</b>	
Registry ID	110003206842
Name	LAWRENCE TRAFFIC ENGR CITY OF
Address	445 S MISSISSIPPI
City	LAWRENCE
Site Type	STATIONARY
Program Acronyms	RCRAINFO:KSR000004572
Interest Type	VSQG
Point of Reference Description	CENTER OF A FACILITY OR STATION
Date Created	01-MAR-00
Date Updated	29-DEC-14
FRS Facility Detail Report URL	<a href="#">Link</a>
distance from center (miles)	0.2338
data source	last updated from FACILITY REGISTRY SERVICE

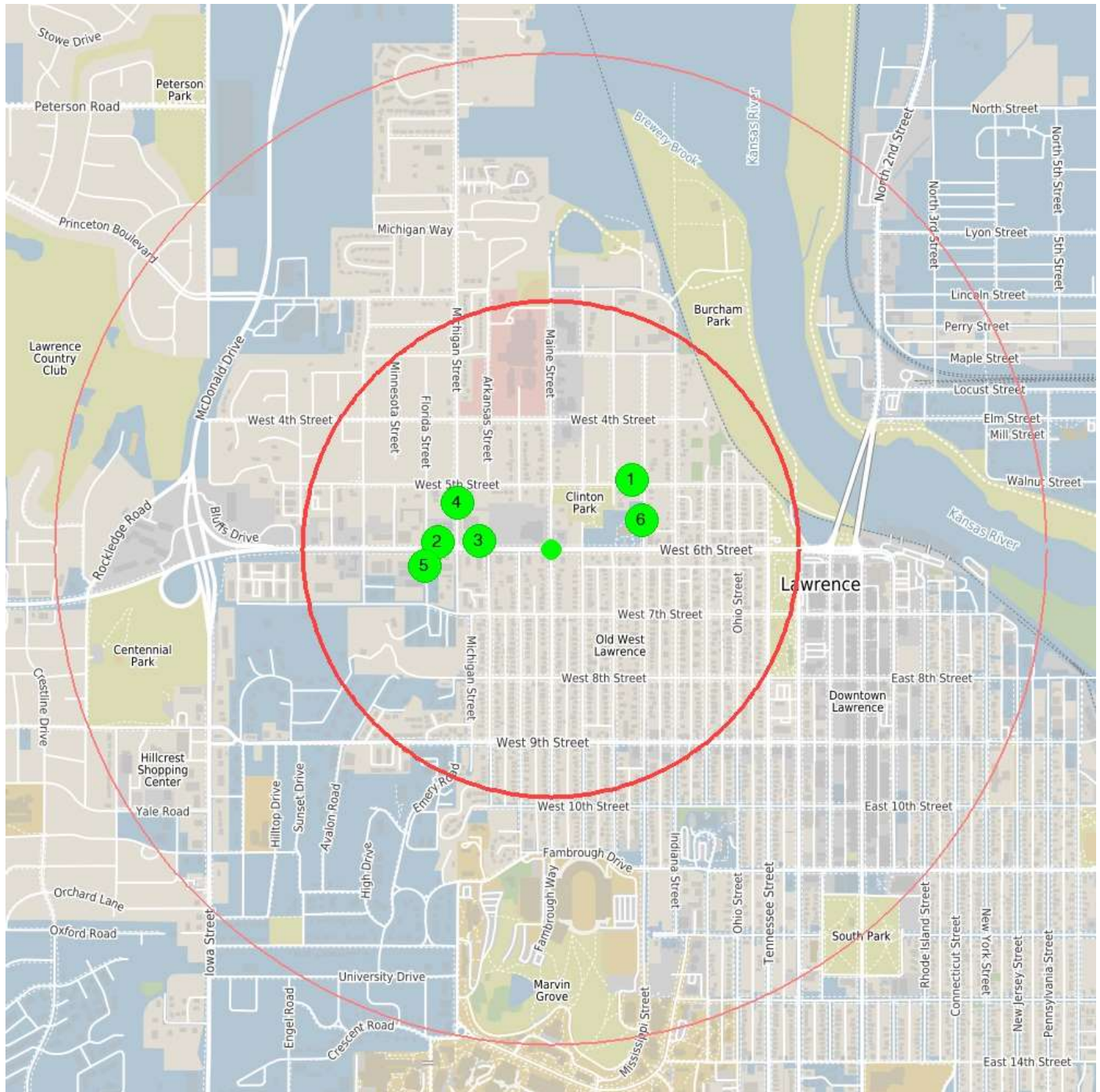
<b>8</b>	
Registry ID	110008355485
Name	LAWRENCE UTILITY DEPT CITY OF
Address	3RD & INDIANA
City	LAWRENCE
Site Type	STATIONARY
Program Acronyms	RCRAINFO:KSR000003186
Interest Type	VSQG
Point of Reference Description	ENTRANCE POINT OF A FACILITY OR STATION
Date Created	01-MAR-00
Date Updated	09-AUG-10
FRS Facility Detail Report URL	<a href="#">Link</a>
distance from center (miles)	0.4671
data source	last updated from FACILITY REGISTRY SERVICE

<b>9</b>	
Registry ID	110003173413
Name	SCOTCH FABRIC CARE - LAWRENCE
Address	611 FLORIDA STREET
City	LAWRENCE
Site Type	STATIONARY
Program Acronyms	AIR:KS0000002004500060, AIRS/AFS:2004500060, KS-FP:1798886, RCRAINFO:KSD981506165
Interest Type	AIR MINOR, STATE MASTER, UNSPECIFIED UNIVERSE
Point of Reference Description	CENTER OF A FACILITY OR STATION
Date Created	01-MAR-00
Date Updated	09-JAN-15
FRS Facility Detail Report URL	<a href="#">Link</a>
distance from center (miles)	0.2567
data source	last updated from FACILITY REGISTRY SERVICE

# U.S. EPA Underground Storage Tanks (UST)

## EPA - UNDERGROUND STORAGE TANKS

Approximately 542,000 underground storage tanks (USTs) nationwide store petroleum or hazardous substances. The greatest potential threat from a leaking UST is contamination of groundwater, the source of drinking water for nearly half of all Americans. EPA, states, territories, and tribes work in partnership with industry to protect the environment and human health from potential releases. EPA developed UST Finder, a mapping application containing a comprehensive, state-sourced national map of UST and leaking UST data. It provides attributes and locations of active and closed USTs, UST facilities, and LUST sites from states as of 2018-2019 and from Tribal lands and US territories as of 2020-2021. This data set was searched to return all records regarding the target and/or adjoining properties.



center 38.973151 -95.247593

0.5 mile

1.0 mile

1	
Facility ID	KS26091
Name	CITY SIGN MAINT. SHOP
Address	445 MISS.
City	LAWRENCE
County	Douglas
State	Kansas
ZIP Code	66044
Latitude	38.97516
Longitude	-95.24454
Closed USTs	2
Facility Status	Closed UST(s)
Land Use	Developed, Low Intensity
Population Within 1,500ft	850
Within Source Water Protection Area (SPA)	Yes
SPA Public Water System & Facility ID	KS2004503_4286
WHPA Public Water System & Facility ID	KS2004503_2183
Within Groundwater Wellhead Protection Area (WHPA)	Yes
Within 100-Year Floodplain	No
SPA Water Type	SW
SPA Facility Type	IN
distance from center (miles)	0.2149
data source	last updated 2020-11-18 from USEPA-UST

2	
Facility ID	KS09012
Name	FASTLANE
Address	1414 W. 6TH
City	LAWRENCE
County	Douglas
State	Kansas
ZIP Code	66044
Latitude	38.97336
Longitude	-95.25185
Open USTs	3
Facility Status	Open UST(s)
Land Use	Developed, Medium Intensity
Population Within 1,500ft	1319
Within Source Water Protection Area (SPA)	Yes
SPA Public Water System & Facility ID	KS2004503_4286
WHPA Public Water System & Facility ID	KS2004503_2183
Within Groundwater Wellhead Protection Area (WHPA)	Yes
Within 100-Year Floodplain	No
SPA Water Type	SW
SPA Facility Type	IN
distance from center (miles)	0.2291
data source	last updated 2020-11-18 from USEPA-UST

<b>3</b>	
Facility ID	<b>KS25120</b>
Name	<b>JAYHAWK OIL INC</b>
Address	<b>1306 W 6</b>
City	<b>LAWRENCE</b>
County	<b>Douglas</b>
State	<b>Kansas</b>
ZIP Code	<b>66044</b>
Latitude	<b>38.97338</b>
Longitude	<b>-95.25028</b>
Closed USTs	<b>3</b>
Facility Status	<b>Closed UST(s)</b>
Land Use	<b>Developed, High Intensity</b>
Population Within 1,500ft	<b>1209</b>
Within Source Water Protection Area (SPA)	<b>Yes</b>
SPA Public Water System & Facility ID	<b>KS2004503_4286</b>
WHPA Public Water System & Facility ID	<b>KS2004503_2183</b>
Within Groundwater Wellhead Protection Area (WHPA)	<b>Yes</b>
Within 100-Year Floodplain	<b>No</b>
SPA Water Type	<b>SW</b>
SPA Facility Type	<b>IN</b>
distance from center (miles)	0.1452
data source	last updated 2020-11-18 from USEPA-UST

<b>4</b>	
Facility ID	<b>KS30627</b>
Name	<b>JOHNSON PROPERTY</b>
Address	<b>508 MICHIGAN STREET</b>
City	<b>LAWRENCE</b>
County	<b>Douglas</b>
State	<b>Kansas</b>
ZIP Code	<b>66044</b>
Latitude	<b>38.974518</b>
Longitude	<b>-95.251076</b>
Closed USTs	<b>1</b>
Facility Status	<b>Closed UST(s)</b>
Land Use	<b>Developed, Low Intensity</b>
Population Within 1,500ft	<b>1193</b>
Within Source Water Protection Area (SPA)	<b>Yes</b>
SPA Public Water System & Facility ID	<b>KS2004503_4286</b>
WHPA Public Water System & Facility ID	<b>KS2004503_2183</b>
Within Groundwater Wellhead Protection Area (WHPA)	<b>Yes</b>
Within 100-Year Floodplain	<b>No</b>
SPA Water Type	<b>SW</b>
SPA Facility Type	<b>IN</b>
distance from center (miles)	0.2096
data source	last updated 2020-11-18 from USEPA-UST

<b>5</b>	
Facility ID	<b>KS28943</b>
Name	<b>SNAPPY MART</b>
Address	<b>1415 WEST 6TH STREET</b>
City	<b>LAWRENCE</b>
County	<b>Douglas</b>
State	<b>Kansas</b>
ZIP Code	<b>66044</b>
Latitude	<b>38.97285</b>
Longitude	<b>-95.25208</b>
Temporarily Out of Service USTs	<b>3</b>
Facility Status	<b>Open UST(s)</b>
Land Use	<b>Developed, Medium Intensity</b>
Population Within 1,500ft	<b>1383</b>
Within Source Water Protection Area (SPA)	<b>Yes</b>
SPA Public Water System & Facility ID	<b>KS2004503_4286</b>
WHPA Public Water System & Facility ID	<b>KS2004503_2183</b>
Within Groundwater Wellhead Protection Area (WHPA)	<b>Yes</b>
Within 100-Year Floodplain	<b>No</b>
SPA Water Type	<b>SW</b>
SPA Facility Type	<b>IN</b>
distance from center (miles)	0.2419
data source	last updated 2020-11-18 from USEPA-UST

<b>6</b>	
Facility ID	<b>KS09118</b>
Name	<b>USD #497</b>
Address	<b>810 W. 6TH</b>
City	<b>LAWRENCE</b>
County	<b>Douglas</b>
State	<b>Kansas</b>
Latitude	<b>38.974</b>
Longitude	<b>-95.24419</b>
Closed USTs	<b>1</b>
Facility Status	<b>Closed UST(s)</b>
Land Use	<b>Developed, Low Intensity</b>
Population Within 1,500ft	<b>978</b>
Within Source Water Protection Area (SPA)	<b>Yes</b>
SPA Public Water System & Facility ID	<b>KS2004503_4286</b>
WHPA Public Water System & Facility ID	<b>KS2004503_2183</b>
Within Groundwater Wellhead Protection Area (WHPA)	<b>Yes</b>
Within 100-Year Floodplain	<b>No</b>
SPA Water Type	<b>SW</b>
SPA Facility Type	<b>IN</b>
distance from center (miles)	0.1920
data source	last updated 2020-11-18 from USEPA-UST

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# U.S. EPA Toxic Release Inventory System (TRIS)

No records found

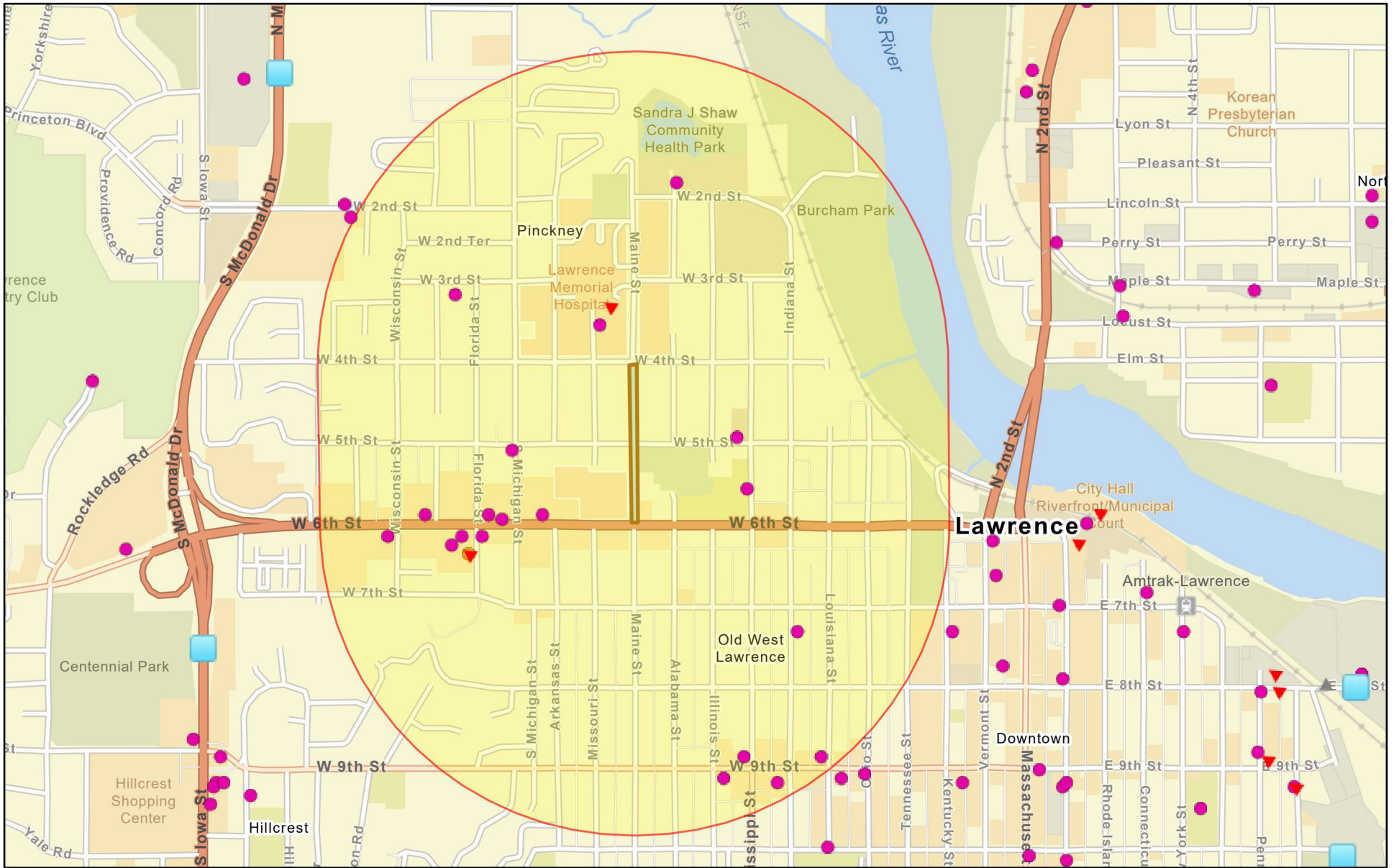


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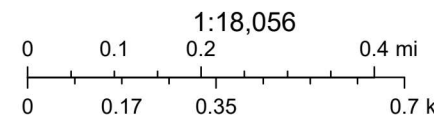
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# Maine Street Project - 1/2 Mile Buffer



August 8, 2023

- Toxic Releases (TRI)
- ▼ ISL: Identified Sites List
- ▲ TRI: Toxic Release Inventory
- Dry Cleaners
- Tanks: Above and Underground Storage Tanks
- Project Buffer
- Project Site - Maine St



Esri Community Maps Contributors, City of Lawrence, Kansas, Missouri Dept. of Conservation, Missouri DNR, Esri, HERE, Garmin, SafeGraph,

# Detailed Facility Report



## Detailed Facility Report

### Facility Summary

BIG HEART PET BRANDS INC

727 IOWA STREET, LAWRENCE, KS 66044

FRS (Facility Registry Service) ID: 110000445199

EPA Region: 07

Latitude: 38.970302

Longitude: -95.26042

Locational Data Source: TRIS

Industries: Food Manufacturing

Indian Country: N

### Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
<b>Compliance Status</b>	<b>No Violation Identified</b>
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	01/05/1988
<b>Compliance Status</b>	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

## Regulatory Information

**Clean Air Act (CAA):** Operating Minor (KS0000002004500001)  
**Clean Water Act (CWA):** No Information  
**Resource Conservation and Recovery Act (RCRA):** Active  
 VSQG, (KSD089294102)  
**Safe Drinking Water Act (SDWA):** No Information  
[Go To Enforcement/Compliance Details](#)  
[Known Data Problems](#)

## Other Regulatory Reports

**Air Emissions Inventory (EIS):** No Information  
**Greenhouse Gas Emissions (eGGRT):** No Information  
**Toxic Releases (TRI):** 66044QKRTS727NI  
**Compliance and Emissions Data Reporting Interface (CEDRI):** No Information

## Facility/System Characteristics

### Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		<a href="#">110000445199</a>					N	38.970302	-95.26042
ICIS-Air	CAA	KS0000002004500001	Minor Emissions	Operating	CAANSPS, CAASIP		N	38.9997	-95.2606
TRI	EP313	66044QKRTS727NI	Toxics Release Inventory	Last Reported for 2022			N	38.970302	-95.26042
RCRAInfo	RCRA	KSD089294102	VSQG	Active (H )			N	38.99732	-95.26164

## Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		<a href="#">110000445199</a>	BIG HEART PET BRANDS INC	727 IOWA STREET, LAWRENCE, KS 66044	Douglas County
ICIS-Air	CAA	KS0000002004500001	BIG HEART PET BRANDS - LAWRENCE	727 N IOWA ST, LAWRENCE, KS 660490000	Douglas County
TRI	EP313	66044QKRTS727NI	POST CONSUMER BRANDS	727 N IOWA ST, LAWRENCE, KS 66049	Douglas County
RCRAInfo	RCRA	KSD089294102	POST CONSUMER BRANDS - LAWRENCE	727 N IOWA, LAWRENCE, KS 66049	Douglas County

## Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	KS0000002004500001	2047	Dog And Cat Food

## Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
TRI	66044QKRTS727NI	311111	Dog and Cat Food Manufacturing
ICIS-Air	KS0000002004500001	311111	Dog and Cat Food Manufacturing
RCRAInfo	KSD089294102	311111	Dog and Cat Food Manufacturing

## Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

# Enforcement and Compliance

Compliance Monitoring History Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
---------	-----------	--------	---------------	----------------------------	-------------	------	-------------------------

No data records returned

*Entries in italics are not counted as EPA official inspections.*

## Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	KS0000002004500001	No	08/05/2023	0	08/04/2023
RCRA	KSD089294102	No	08/05/2023	0	08/04/2023

## Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
CAA (Source ID: KS0000002004500001)		10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23
Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
HPV History													
	Violation Type	Agency	Programs	Pollutants									

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: KSD089294102)		10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23
Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
---------	--------	-----------	----------------	-------------	------

No data records returned

*Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.*

Formal Enforcement Actions Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
---------	--------	-------------	-----------	----------------	----------	-------------	-----------	-------------------	---------------------	------------------------	--------------------------	------------------------------	--------------------------	-----------	------------------

No data records returned

# Environmental Conditions

## Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
--	---	---	---------------------------------	--------------------------------------	--	---

No data records returned

## Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
-------	--------------	--------------------	----------------------	-----------------	-----------------------	--------------------	--------------	----------------------	----------------	-----------

No data records returned

## Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
-----------	-----------------------------------	---	---------------------------------	---

No data records returned

## Pollutants

### Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site [TRI Pollution Prevention Report](#)

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-Site Releases	Total Off-Site Transfers
<a href="#">66044QKRTS727NI</a>	2021	--	--	2	--	--	0	32
<a href="#">66044QKRTS727NI</a>	2020	--	--	2	--	--	0	32
<a href="#">66044QKRTS727NI</a>	2019	--	--	2	--	--	0	5,326
<a href="#">66044QKRTS727NI</a>	2018	--	--	2	--	--	0	5,295
<a href="#">66044QKRTS727NI</a>	2017	--	--	2	--	--	0	5,672
<a href="#">66044QKRTS727NI</a>	2016	--	--	2	--	--	0	4,619
<a href="#">66044QKRTS727NI</a>	2015	--	--	2	--	--	0	5,156
<a href="#">66044QKRTS727NI</a>	2014	--	--	2	--	--	0	4,831
<a href="#">66044QKRTS727NI</a>	2013	--	--	2	--	--	0	4,982
<a href="#">66044QKRTS727NI</a>	2012	--	--	2	--	--	0	7,536

### Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Zinc compounds	32	32	5,326	5,295	5,672	4,619	5,156	4,831	4,982	7,536

### [CWA \(Clean Water Act\) Discharge Monitoring Report \(DMR\) Pollutant Loadings](#) [DMR and TRI Multi-Year Loading Report](#)

No data records returned

## Community

### Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJScreen home page](#).

#### EJScreen Indexes Shown

Compare to  US  State

Index Type  Environmental Justice  Supplemental

#### Related Reports

[EJScreen Community Report](#)

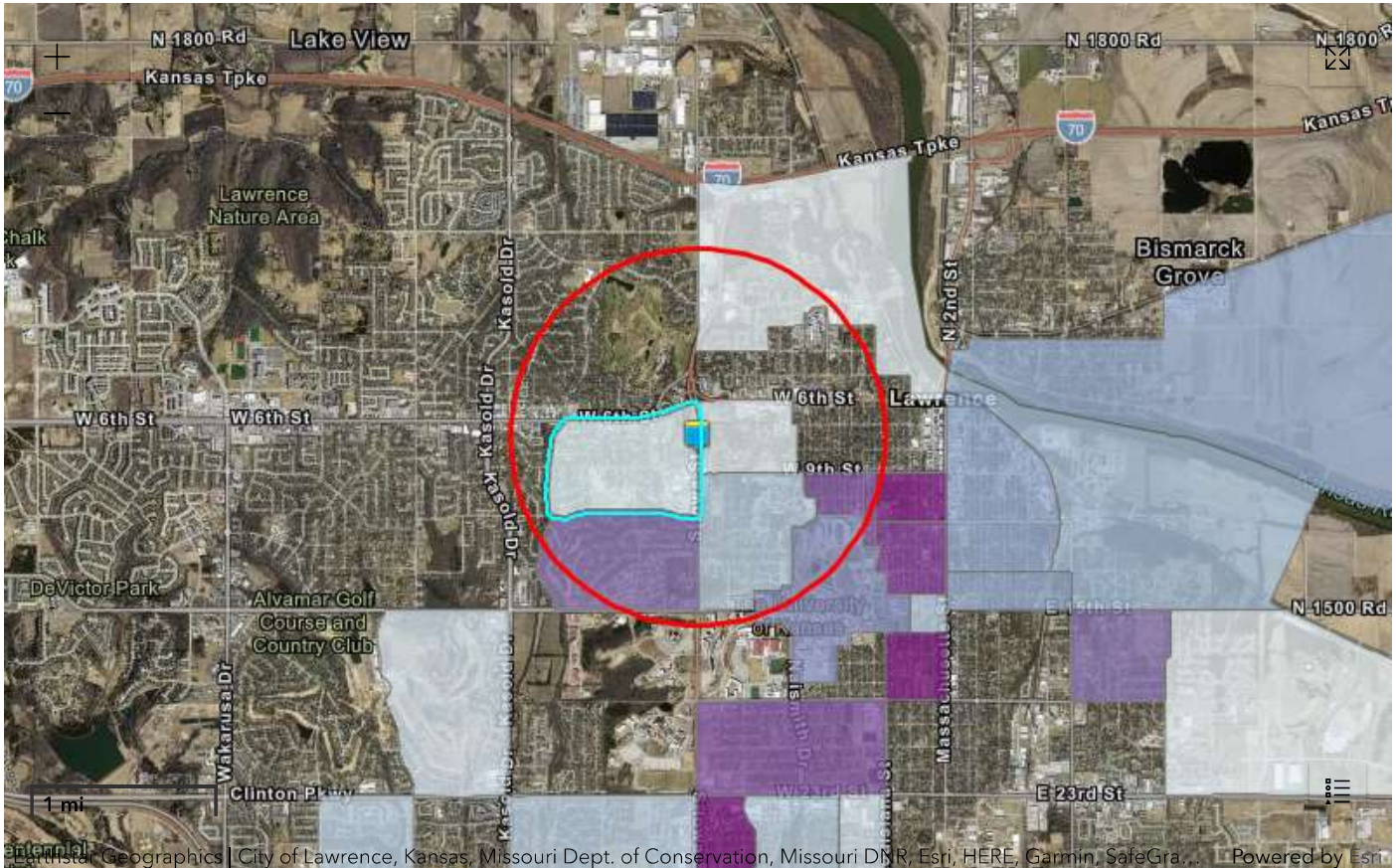
#### Download Data

Census Block Group ID: 200450007042	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	1	8
Particulate Matter 2.5	57	70
Ozone	45	58



Census Block Group ID: 200450007042	US (Percentile)	
Diesel Particulate Matter	75	88
Air Toxics Cancer Risk	65	78
Air Toxics Respiratory Hazard Index	58	70
Toxic Releases to Air	44	85
Traffic Proximity	65	87
Lead Paint	66	91
Risk Management Plan (RMP) Facility Proximity	63	82
Hazardous Waste Proximity	77	89
Superfund Proximity	33	50
Underground Storage Tanks (UST)	83	91
Wastewater Discharge	71	86

○ Facility 1-mile Radius    □ Facility Census Block Group



### Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics (U.S. Census)	
Total Persons	14,476
Population Density	4,631/sq.mi.
Housing Units in Area	6,408

General Statistics (ACS (American Community Survey))	
Total Persons	14,433
Percent People of Color	25%
Households in Area	6,210
Households on Public Assistance	25

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	562 (4%)
Minors 17 years and younger	1,708 (12%)
Adults 18 years and older	12,768 (88%)
Seniors 65 years and older	1,065 (7%)

Race Breakdown (U.S. Census) - Persons (%)	
White	12,418 (86%)
African-American	556 (4%)
Hispanic-Origin	711 (5%)

<b>General Statistics (ACS (American Community Survey))</b>	
Persons With Low Income	5,341
Percent With Low Income	42%
<b>Geography</b>	
Radius of Selected Area	1 mi.
Center Latitude	38.970302
Center Longitude	-95.26042
Land Area	100%
Water Area	0%

<b>Income Breakdown (ACS (American Community Survey)) - Households (%)</b>	
Less than \$15,000	1,351 (21.77%)
\$15,000 - \$25,000	600 (9.67%)
\$25,000 - \$50,000	1,183 (19.07%)
\$50,000 - \$75,000	964 (15.54%)
Greater than \$75,000	2,107 (33.96%)

<b>Race Breakdown (U.S. Census) - Persons (%)</b>	
Asian/Pacific Islander	549 (4%)
American Indian	201 (1%)
Other/Multiracial	753 (5%)
<b>Education Level (Persons 25 &amp; older) (ACS (American Community Survey)) - Persons (%)</b>	
Less than 9th Grade	92 (1.25%)
9th through 12th Grade	224 (3.06%)
High School Diploma	930 (12.69%)
Some College/2-year	1,344 (18.33%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	4,518 (61.63%)

LAST UPDATED ON SEPTEMBER 21, 2022

[DATA REFRESH INFORMATION](#)

# Detailed Facility Report



## Detailed Facility Report

### Facility Summary

HALLMARK CARDS - LAWRENCE

101 MCDONALD DRIVE, LAWRENCE, KS 66044

FRS (Facility Registry Service) ID: 110000793240

EPA Region: 07

Latitude: 38.98363

Longitude: -95.25814

Locational Data Source: FRS

Industries: Paper Manufacturing

Indian Country: N

### Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	5
Date of Last Compliance Monitoring Activity	12/06/2022
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--
Statute	CWA
Compliance Monitoring Activities (5 years)	2
Date of Last Compliance Monitoring Activity	06/10/2021
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	07/11/2012
<b>Compliance Status</b>	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

### Regulatory Information

**Clean Air Act (CAA):** Operating Synthetic Minor (KS0000002004500004)  
**Clean Water Act (CWA):** Minor, Permit Terminated; Compliance Tracking Off (KSR105083), Minor, Permit Admin Continued (KS0091481)  
**Resource Conservation and Recovery Act (RCRA):** Active SQG, (KSD086056637)  
**Safe Drinking Water Act (SDWA):** No Information

[Go To Enforcement/Compliance Details](#)  
[Known Data Problems](#)

### Other Regulatory Reports

**Air Emissions Inventory (EIS):** 4826511  
**Greenhouse Gas Emissions (eGGRT):** No Information  
**Toxic Releases (TRI):** 66044HLLMR101MC  
**Compliance and Emissions Data Reporting Interface (CEDRI):** No Information

## Facility/System Characteristics

### Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		<a href="#">110000793240</a>					N	38.98363	-95.25814
ICIS		1422					N	38.983598	-95.25814
ICIS-Air	CAA	KS0000002004500004	Synthetic Minor Emissions	Operating	CAASIP		N	38.9844	-95.2594
EIS	CAA	4826511					N	38.984403	-95.259382
ICIS-NPDES	CWA	KSR105083	Minor: General Permit Covered Facility	Terminated; Compliance Tracking Off		03/01/2017	N	38.98363	-95.25814
ICIS-NPDES	CWA	KS0091481	Minor: NPDES Individual Permit	Admin Continued		11/30/2021	N	38.98487	-95.25943
TRI	EP313	66044HLLMR101MC	Toxics Release Inventory	Last Reported for 1992			N	38.98363	-95.25814
RCRAInfo	RCRA	KSD086056637	SQG	Active (H )			N	38.98342	-95.25909

### Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		<a href="#">110000793240</a>	HALLMARK CARDS - LAWRENCE	101 MCDONALD DRIVE, LAWRENCE, KS 66044	Douglas County
ICIS		1422	HALLMARK CARDS, INC.	101 MCDONALD DR, LAWRENCE, KS 66044	Douglas County
ICIS-Air	CAA	KS0000002004500004	HALLMARK CARDS - LAWRENCE (AIR)	101 MCDONALD DRIVE, LAWRENCE, KS 660440099	Douglas County
EIS	CAA	4826511	HALLMARK CARDS - LAWRENCE	101 MCDONALD DR, LAWRENCE, KS 66044	Douglas County
ICIS-NPDES	CWA	KSR105083	HALLMARK SOUTH LOT	101 MCDONALD DR., LAWRENCE, KS 66044	Douglas County
ICIS-NPDES	CWA	KS0091481	HALLMARK CARDS INC.	101 MCDONALD DRIVE, LAWRENCE, KS 00000	Douglas County
TRI	EP313	66044HLLMR101MC	HALLMARK CARDS INC	101 MCDONALD DR, LAWRENCE, KS 660440099	Douglas County
RCRAInfo	RCRA	KSD086056637	HALLMARK GREETINGS PRODUCTION CENTER	101 MCDONALD DR, LAWRENCE, KS 66044	Douglas County

### Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	KS0000002004500004	2771	Greeting Cards
ICIS-NPDES	KS0091481	2771	Greeting Cards

### Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
------------	----------------------------------	--------------------------------

No data records returned

### Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
EIS	4826511	511191	Greeting Card Publishers
TRI	66044HLLMR101MC	511191	Greeting Card Publishers
ICIS-Air	KS0000002004500004	511191	Greeting Card Publishers
ICIS-NPDES	KS0091481	511191	Greeting Card Publishers
RCRAInfo	KSD086056637	322299	All Other Converted Paper Product Manufacturing

## Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
------------------	------------	---------------	---------------------------

No data records returned

## Enforcement and Compliance

### Compliance Monitoring History Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CAA	KS0000002004500004	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	12/06/2022	
CAA	KS0000002004500004	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	11/17/2021	
CAA	KS0000002004500004	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	11/17/2020	
CAA	KS0000002004500004	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	12/18/2019	
CAA	KS0000002004500004	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	01/22/2019	
CWA	KS0091481	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	06/10/2021	
CWA	KS0091481	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	06/10/2021	

Entries in italics are not counted as EPA official inspections.

### Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	KS0000002004500004	No	08/05/2023	0	08/04/2023
CWA	KSR105083	No	03/31/2023	0	08/04/2023
CWA	KS0091481	No	03/31/2023	0	08/04/2023
RCRA	KSD086056637	No	08/05/2023	0	08/04/2023

### Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
CAA (Source ID: KS0000002004500004)		10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	HPV History												
	Violation Type	Agency	Programs	Pollutants									

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: KSR105083)		04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-08/04/23
	Facility-Level Status	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit
	Quarterly Noncompliance Report History													
CWA (Source ID: KS0091481)		04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-08/04/23
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	Undetermined
	Quarterly Noncompliance Report History													

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: KSD086056637)		10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23	07/01-09/30/23
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

### Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

**Formal Enforcement Actions** Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
---------	--------	-------------	-----------	----------------	----------	-------------	-----------	-------------------	---------------------	------------------------	--------------------------	------------------------------	--------------------------	-----------	------------------

No data records returned

## Environmental Conditions

### Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
102701040503	Baldwin Creek-Kansas River	KANSAS R (1027010421)	No	No	--	Yes

### Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

### Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

## Pollutants

### Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

[Air Pollutant Report](#)

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-Site Releases	Total Off-Site Transfers
-----------------	------	---------------------	--------------------------	--	------------------------	------------------	------------------------	--------------------------

No data records returned

### Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
---------------

No data records returned

[DMR and TRI Multi-Year Loading Report](#)

### CWA (Clean Water Act) Discharge Monitoring Report (DMR) Pollutant Loadings

No data records returned

## Community

### Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJScreen home page](#).

#### EJScreen Indexes Shown

Compare to  US  State

Index Type  Environmental Justice  Supplemental

#### Related Reports

[EJScreen Community Report](#)

Facility 1-mile Radius  Facility Census Block Group

#### Download Data

Census Block Group ID: 200450005011	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	0	1
Particulate Matter 2.5	54	57
Ozone	43	45
Diesel Particulate Matter	71	78
Air Toxics Cancer Risk	62	65
Air Toxics Respiratory Hazard Index	55	58





Census Block Group ID: 200450005011	US (Percentile)	
Toxic Releases to Air	63	63
Traffic Proximity	59	75
Lead Paint	41	77
Risk Management Plan (RMP) Facility Proximity	70	70
Hazardous Waste Proximity	75	79
Superfund Proximity	31	35
Underground Storage Tanks (UST)	74	83
Wastewater Discharge	74	77



### Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2017 - 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics (U.S. Census)	
Total Persons	8,609
Population Density	2,775/sq.mi.
Housing Units in Area	4,110

General Statistics (ACS (American Community Survey))	
Total Persons	7,229
Percent People of Color	26%
Households in Area	3,397
Households on Public Assistance	14
Persons With Low Income	2,198
Percent With Low Income	30%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	38.98363
Center Longitude	-95.25814
Land Area	98%
Water Area	2%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	492 (14.49%)
\$15,000 - \$25,000	221 (6.51%)
\$25,000 - \$50,000	603 (17.76%)
\$50,000 - \$75,000	640 (18.85%)
Greater than \$75,000	1,440 (42.4%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	587 (7%)
Minors 17 years and younger	1,659 (19%)
Adults 18 years and older	6,950 (81%)
Seniors 65 years and older	733 (9%)

Race Breakdown (U.S. Census) - Persons (%)	
White	7,210 (84%)
African-American	498 (6%)
Hispanic-Origin	485 (6%)
Asian/Pacific Islander	206 (2%)
American Indian	161 (2%)
Other/Multiracial	534 (6%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	28 (.58%)
9th through 12th Grade	119 (2.45%)
High School Diploma	974 (20.04%)
Some College/2-year	877 (18.05%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	2,617 (53.85%)

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Tank Facility ID	Owner ID	Site Name	Site Address	Site County	District Code
▼	▼	▼	▼	▼	▼
28740	30404	CIRCLE K STORES, INC. 2721622	602 W. 9TH STREET, LAWRENCE, KS, 66044, US	Douglas	NEDO

UST
AST
Site Owner
Tank Inspection Info
KORA Information

Permitted : ■ Temporary Permit : ■ Pending Permit : ■ Not Permitted : ■

Currently Permitted	TankNum	TankCapacity	Substance	Status	Permit Number	Permit Start	Permit Issue	Permit Effective Date	Installed	Exempt	StandBy
✘	U001	8000	Gas (Incl Alcohol) (Cercla/CAS No: 8006-61-9 (Fire, Chronic, Acute))	Permanently Out of Service	UST-003118	Superseded	6/17/2005	6/17/2005	1976-01-01T00:00:00.00000000	No	
✘	U002	8000	Gas (Incl Alcohol) (Cercla/CAS No: 8006-61-9 (Fire, Chronic, Acute))	Permanently Out of Service	UST-003118	Superseded	6/17/2005	6/17/2005	1976-01-01T00:00:00.00000000	No	
✘	U003	4000	Gas (Incl Alcohol) (Cercla/CAS No: 8006-61-9 (Fire, Chronic, Acute))	Permanently Out of Service	UST-003118	Superseded	6/17/2005	6/17/2005	1976-01-01T00:00:00.00000000	No	
✘	U005	12000	Gas Ethanol E-10 (Cercla/CAS No: 8006-61-9 (Fire, Chronic, Acute))	Permanently Out of Service	UST-003118	Superseded	7/20/2015	7/20/2015	2006-01-01T00:00:00.00000000	No	
✘	U006	4000	Gas Unleaded Premium (Cercla/CAS No: 8006-61-9 (Fire, Chronic, Acute))	Permanently Out of Service	UST-003118	Superseded	7/20/2015	7/20/2015	2006-01-01T00:00:00.00000000	No	

Previous Page
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True

<input type="button" value="Clear Filters"/>		<input type="button" value="Reset Page"/>				
Tank Facility ID	Owner ID	Site Name	Site Address	Site County	District Code	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
▶ 09118	06064	USD #497	810 W 6TH ST, LAWRENCE, KS, 66044, US	Douglas	NEDO	
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▼ 06813	06802	KERR-MCGEE #6366	900 ILLINOIS, LAWRENCE, KS, 66044, US	Douglas	NEDO						
UST		AST		Site Owner		Tank Inspection Info		KORA Information			
Permitted : <span style="color: green;">■</span> Temporary Permit : <span style="color: blue;">■</span> Pending Permit : <span style="color: yellow;">■</span> Not Permitted : <span style="color: red;">■</span>											
Currently Permitted	TankNum	TankCapacity	Substance	Status	Permit Number	Permit Start	Permit Issue	Permit Effective Date	Installed	Exempt	StandBy
No records to display.											
Previous Page	Next Page	Currently Displaying 0 - 1 out of : 1									







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▼ 25120	16024	JAYHAWK OIL INC	1302-1306 WEST 6TH, LAWRENCE, KS, 66044, US	Douglas	NEDO						
UST		AST		Site Owner		Tank Inspection Info		KORA Information			
Permitted : <span style="color: green;">■</span> Temporary Permit : <span style="color: blue;">■</span> Pending Permit : <span style="color: yellow;">■</span> Not Permitted : <span style="color: red;">■</span>											
Currently Permitted	TankNum	TankCapacity	Substance	Status	Permit Number	Permit Start	Permit Issue	Permit Effective Date	Installed	Exempt	StandBy
No records to display.											
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(<https://www.facebook.com/KDHEnc>)

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Tank Facility ID	Owner ID	Site Name	Site Address	Site County	District Code
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
▼ 28943	28943	SNAPPY MART	1415 WEST 6TH STREET, LAWRENCE, KS, 66044, US	Douglas	NEDO

UST   
  AST   
  Site Owner   
  Tank Inspection Info   
  KORA Information

Permitted : ■ Temporary Permit : ■ Pending Permit : ■ Not Permitted : ■

Currently Permitted	TankNum	TankCapacity	Substance	Status	Permit Number	Permit Start	Permit Issue	Permit Effective Date	Installed	Exempt	StandBy
	U001	9600	Gas Unleaded Regular (Cercla/CAS No: 8006-61-9 (Fire, Chronic, Acute))	Temporarily Out of Service	UST-003205	Expired	9/23/2014	9/23/2014	1989-01-01T00:00:00.0000000	No	
	U002	6000	Gas Unleaded Regular (Cercla/CAS No: 8006-61-9 (Fire, Chronic, Acute))	Temporarily Out of Service	UST-003205	Expired	9/23/2014	9/23/2014	1989-01-01T00:00:00.0000000	No	
	U003	6000	Gas Ethanol E-10 (Cercla/CAS No: 8006-61-9 (Fire, Chronic, Acute))	Temporarily Out of Service	UST-003205	Expired	9/23/2014	9/23/2014	1989-01-01T00:00:00.0000000	No	

  
    
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Clear Filters		Reset Page									
Tank Facility ID	Owner ID	Site Name	Site Address	Site County	District Code						
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>						
▼ 29673	29673	TEXACO STATION	1501 6TH ST, LAWRENCE, KS, 66044, US	Douglas	NEDO						
UST		AST		Site Owner		Tank Inspection Info		KORA Information			
Permitted : <span style="color: green;">■</span> Temporary Permit : <span style="color: blue;">■</span> Pending Permit : <span style="color: yellow;">■</span> Not Permitted : <span style="color: red;">■</span>											
Currently Permitted	TankNum	TankCapacity	Substance	Status	Permit Number	Permit Start	Permit Issue	Permit Effective Date	Installed	Exempt	StandBy
No records to display.											
Previous Page	Next Page	Currently Displaying 0 - 1 out of : 1									







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**Kansas Department of Health and Environment  
Bureau of Environmental Remediation  
Identified Sites List Information**

**Project Code:** C402371948      **Site Status:** Active

**Site Name:** SCOTCH CLEANERS  
**CERCLIS Number:**  
**Other Names:** 1501 6TH, LAWRENCE - PCE SITE  
**Address:** 611 Florida St. **City:** LAWRENCE  
**Zip Code:** 66044  
**County:** DG **River Basin:** KS - Lower Republican  
**Latitude:** 38.9725 **Longitude:** -95.2525  
**Program Name:** BER - Dry Cleaner **Project Manager:** Mayria Becker (INACTIVE)  
**Contaminants:** VOC

**Environmental Use Control In Place ?** No

We are currently experiencing technical difficulties with requests for some documents. If an attempt to download an individual document from the "Documents/Photos Available" link does not return the expected results, please contact the Project Manager associated with the Identified Site or the Remedial Section at 785-296-1660. We are working to resolve this problem as quickly as possible and apologize for any inconvenience this may cause.

[Documents/Photos Available](#)  
(Opens in New Window)

**Site Narrative:**

The 1501 6th Street PCE site is in Lawrence, Kansas. The site lies within a commercially zoned strip mall on the south side of 6th Street. Residential property lies to the south and another commercial strip mall is located to the west.

Past monitoring well sampling and probing at the site suggested that the Scotch Cleaners drycleaning facility was the source of contamination. Site/property was referred to the Dryc cleaning program who sent out a request for an application.

Scotch Cleaners was accepted into the dry cleaning trust fund and is currently in semi-annual long term monitoring. The last LTM event occurred Fall 2020.

### Legal Description

Township	Range	Section	Parcel	Description
12	19E	25		SE, SW

### Actions Completed

Activity Type	Activity	Start	Completed
ASSESSMENT	Site Reconnaissance and Evaluation	12/05/2004	03/04/2005
TRANSFER	Transfer Within Bureau	03/04/2005	03/04/2005
MONITORING	Long Term Monitoring	10/07/2016	10/07/2016
MONITORING	Long Term Monitoring	03/01/2017	04/19/2017
MONITORING	Long Term Monitoring	04/25/2017	06/09/2017
MONITORING	Long Term Monitoring	09/01/2017	09/28/2017
MONITORING	Long Term Monitoring	03/01/2018	03/07/2018
MONITORING	Long Term Monitoring	03/01/2019	05/22/2019
MONITORING	Long Term Monitoring	11/03/2020	04/01/2021

### Actions Underway

Activity Type	Activity	Start	Completed
MASTER PROJECT	Master Project Details	12/05/2004	04/01/2021
ASSESSMENT	Expanded Site Assessment	08/05/2009	
MONITORING	Long Term Monitoring	04/01/2010	
MONITORING	Long Term Monitoring	04/27/2022	

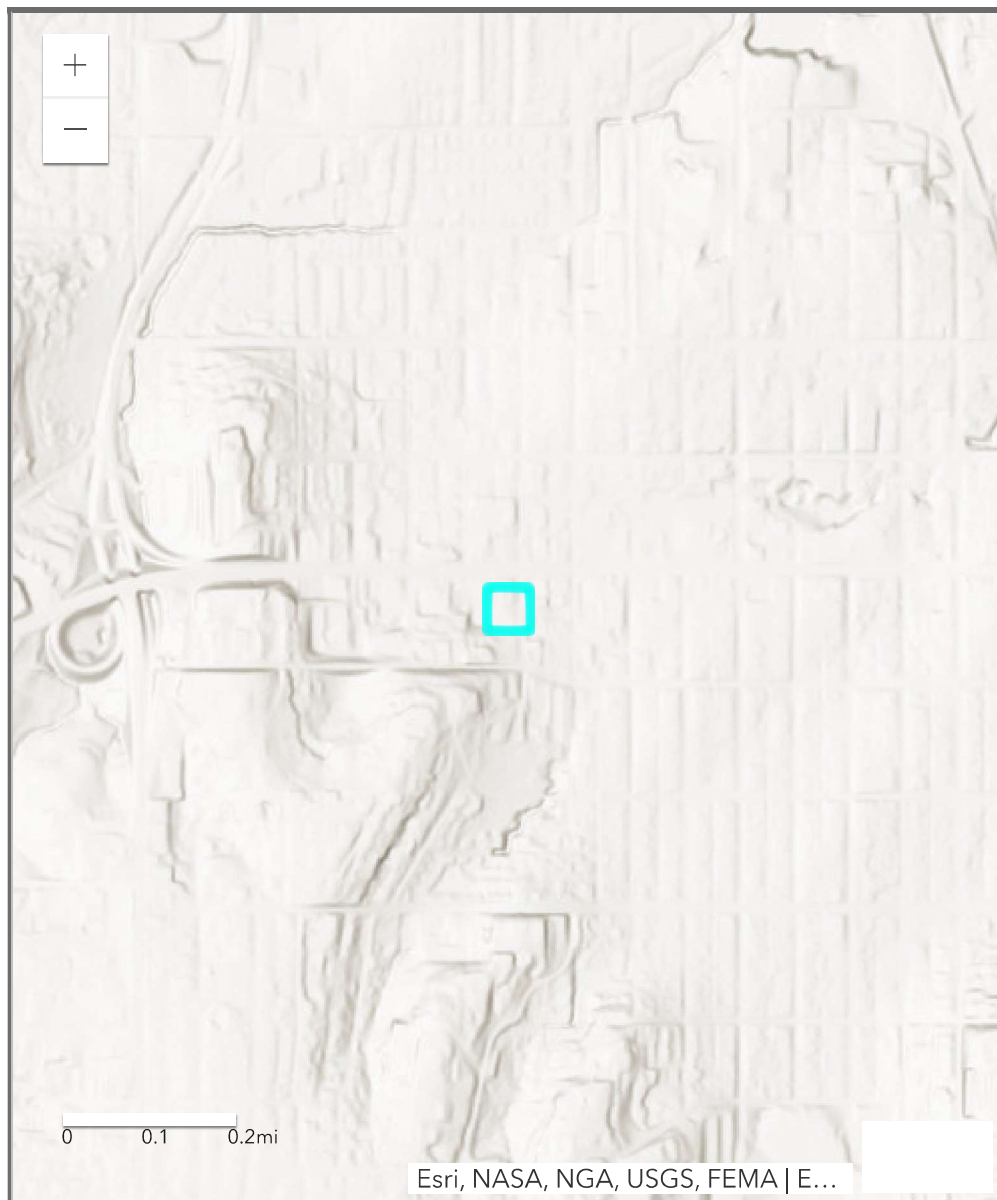
Activity Type	Activity	Start	Completed
---------------	----------	-------	-----------

### Actions Proposed

Activity Type	Activity	Start	Completed
No Actions Proposed Information Found			

### Map of Identified Site ((One-mile radius circle around selected site))

[Click here for interactive map](#)



Types of Sites in Area

- Selected Site
- Active
- Resolved
- Resolved with Restrictions
- Transferred out of Bureau

## Endangered Species Act (CEST and EA)

General requirements	ESA Legislation	Regulations
Section 7 of the Endangered Species Act (ESA) mandates that federal agencies ensure that actions that they authorize, fund, or carry out shall not jeopardize the continued existence of federally listed plants and animals or result in the adverse modification or destruction of designated critical habitat. Where their actions may affect resources protected by the ESA, agencies must consult with the Fish and Wildlife Service and/or the National Marine Fisheries Service (“FWS” and “NMFS” or “the Services”).	The Endangered Species Act of 1973 (16 U.S.C. 1531 <i>et seq.</i> ); particularly section 7 (16 USC 1536).	50 CFR Part 402
References		
<a href="https://www.hudexchange.info/environmental-review/endangered-species">https://www.hudexchange.info/environmental-review/endangered-species</a>		

### 1. Does the project involve any activities that have the potential to affect species or habitats?

- No, the project will have No Effect due to the nature of the activities involved in the project.  
 → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.*

### Worksheet Summary

#### Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region



The proposed pedestrian improvement project will have no effect on listed species or habitats due to the nature of the activities involved in the project. This project is in compliance with the Endangered Species Act.

**Are formal compliance steps or mitigation required?**

Yes

No

# Sidewalk - Maine St

## Biological Analysis

Prepared using IPaC

Generated by Caitlyn Dolar (cdolar@lawrenceks.org)

February 9, 2023

The purpose of this document is to assess the effects of the proposed project and determine whether the project may affect any federally threatened, endangered, proposed, or candidate species. If appropriate for the project, this document may be used as a biological assessment (BA), as it is prepared in accordance with legal requirements set forth under [Section 7 of the Endangered Species Act \(16 U.S.C. 1536 \(c\)\)](#).

In this document, any data provided by U.S. Fish and Wildlife Service is based on data as of February 8, 2023.

Prepared using IPaC version 6.87.0-rc7

# Sidewalk - Maine St Biological Assessment

## Table Of Contents

1 Description of the action	4
1.1 Project name	4
1.2 Executive summary	4
1.3 Effect determination summary	4
1.4 Project description	5
1.4.1 Location	5
1.4.2 Description of project habitat	5
1.4.3 Project proponent information	6
1.4.4 Project purpose	6
1.4.5 Project type and deconstruction	6
1.4.6 Anticipated environmental stressors	8
1.5 Action area	9
1.6 Conservation measures	9
1.7 Prior consultation history	9
1.8 Other agency partners and interested parties	10
1.9 Other reports and helpful information	10
2 Species effects analysis	11
2.1 Mead's Milkweed	11
Relevant documentation	11
Justification for exclusion	11
2.2 Monarch Butterfly	11
Relevant documentation	11
Justification for exclusion	11
2.3 Pallid Sturgeon	12
Relevant documentation	12
Justification for exclusion	12
2.4 Western Prairie Fringed Orchid	12
Relevant documentation	12
Justification for exclusion	12
3 Critical habitat effects analysis	13
4 Summary Discussion and Conclusion	14
4.1 Summary discussion	14
4.2 Conclusion	14



# 1 Description Of The Action

## 1.1 Project Name

Sidewalk - Maine St

## 1.2 Executive Summary

The City of Lawrence is considering funding the following pedestrian improvement project with federal funds from the U.S. Department of Housing and Urban Development (HUD):

New sidewalk on the east side of Maine St from 6th St to 4th St. Work will include removing and replacing concrete sidewalks and construction of new sidewalks and sidewalk ramps on the east side of Maine St from 6th St to 4th St.

## 1.3 Effect Determination Summary

SPECIES (COMMON NAME)	SCIENTIFIC NAME	LISTING STATUS	PRESENT IN ACTION AREA	EFFECT DETERMINATION
<a href="#">Mead's Milkweed</a>	Asclepias meadii	Threatened	No	NE
<a href="#">Monarch Butterfly</a>	Danaus plexippus	Candidate	Excluded from analysis	Excluded from analysis
Northern Long-eared Bat <sup>†</sup> . <b>This species or critical habitat is covered by a DKey.</b>	Myotis septentrionalis	Threatened		MA
<a href="#">Pallid Sturgeon</a>	Scaphirhynchus albus	Endangered	No	NE
<a href="#">Western Prairie Fringed Orchid</a>	Platanthera praeclara	Threatened	No	NE

<sup>†</sup> This species or critical habitat is covered by a DKey.

# 1.4 Project Description

## 1.4.1 Location



**LOCATION**  
Douglas County, Kansas

## 1.4.2 Description of project habitat

The City of Lawrence is considering funding the following pedestrian improvement project with federal funds from the U.S. Department of Housing and Urban Development (HUD):

New sidewalk on the east side of Maine St from 6th St to 4th St. Work will include removing and replacing concrete sidewalks and construction of new sidewalks and sidewalk ramps on the east side of Maine St from 6th St to 4th St.

### **Relevant documentation**

- [Site Map - Maine St](#)



### **1.4.3 Project proponent information**

*Provide information regarding who is proposing to conduct the project, and their contact information. Please provide details on whether there is a Federal nexus.*

#### ***Requesting Agency***

**FULL NAME**

Caitlyn Dolar

**STREET ADDRESS**

1 Riverfront Plaza

Ste 320

**CITY**

Lawrence

**STATE**

KS

**ZIP**

66044

**PHONE NUMBER**

7858323113

**E-MAIL ADDRESS**

cdolar@lawrenceks.org

#### ***Lead agency***

Department of Housing and Urban Development

### **1.4.4 Project purpose**

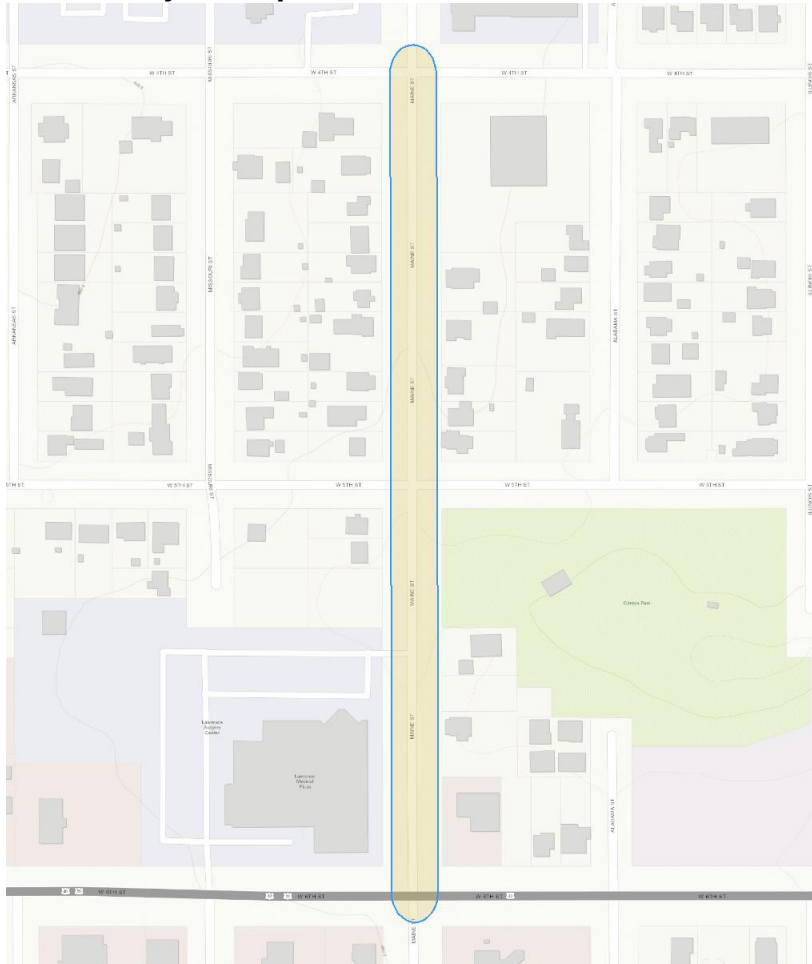
The City of Lawrence is considering funding the following pedestrian improvement project with federal funds from the U.S. Department of Housing and Urban Development (HUD):

New sidewalk on the east side of Maine St from 6th St to 4th St. Work will include removing and replacing concrete sidewalks and construction of new sidewalks and sidewalk ramps on the east side of Maine St from 6th St to 4th St.

### **1.4.5 Project type and deconstruction**

This project is a sidewalk construction project.

### 1.4.5.1 Project map



#### LEGEND



Project footprint



Sidewalk: Sidewalk/bike path (structure)

#### **1.4.5.2 sidewalk/bike path**

***Structure completion date***

July 31, 2023

***Removal/decommission date (if applicable)***

*Not applicable*

***Stressors***

This activity is not expected to have any impact on the environment.

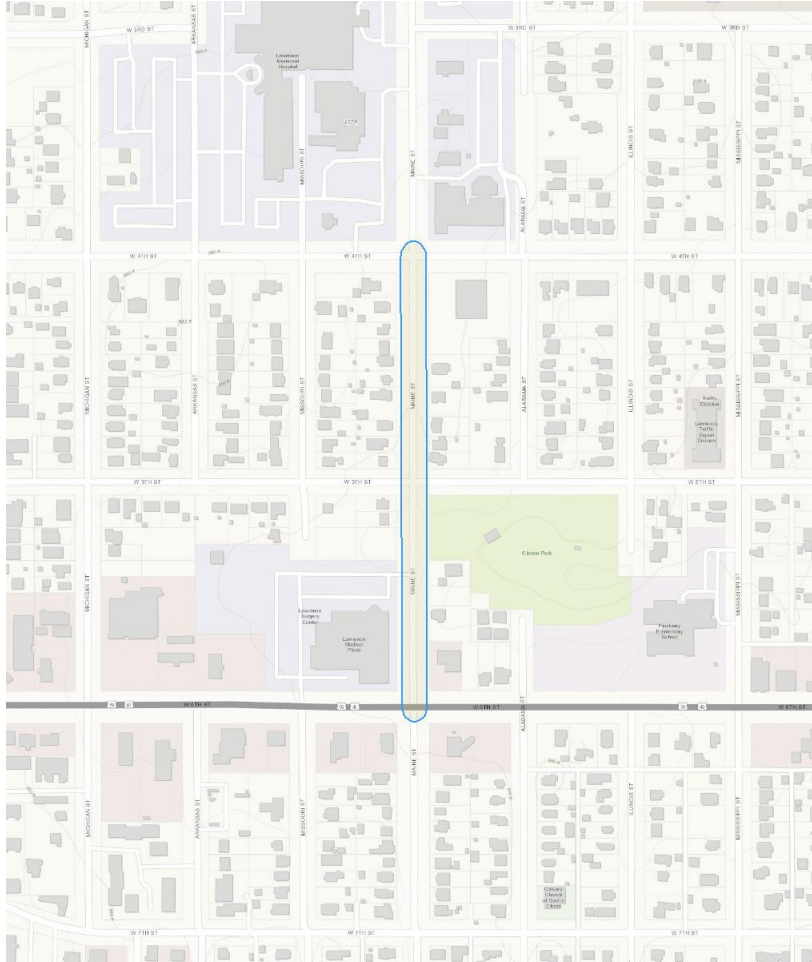
***Description***

This project involves only replacement/construction of sidewalk.

#### **1.4.6 Anticipated environmental stressors**

*Describe the anticipated effects of your proposed project on the aspects of the land, air and water that will occur due to the activities above. These should be based on the activity deconstructions done in the previous section and will be used to inform the action area.*

## 1.5 Action Area



## 1.6 Conservation Measures

*Describe any proposed measures being implemented as part of the project that are designed to reduce the impacts to the environment and their resulting effects to listed species. To avoid extra verbiage, don't list measures that have no relevance to the species being analyzed.*

*No conservation measures have been selected for this project.*

## 1.7 Prior Consultation History

We have not consulted with the USFWS on this project previously.

## **1.8 Other Agency Partners And Interested Parties**

We have contacted the interested Tribes for Section 106 Historic Preservation review, and have begun consultations with the Historic Resources Administrator locally, and will pursue consultation from the state SHPO if deemed necessary.

## **1.9 Other Reports And Helpful Information**

N/A

## 2 Species Effects Analysis

*This section describes, species by species, the effects of the proposed action on listed, proposed, and candidate species, and the habitat on which they depend. In this document, effects are broken down as direct interactions (something happening directly to the species) or indirect interactions (something happening to the environment on which a species depends that could then result in effects to the species).*

*These interactions encompass effects that occur both during project construction and those which could be ongoing after the project is finished. All effects, however, should be considered, including effects from direct and indirect interactions and cumulative effects.*

### 2.1 Mead's Milkweed

*This species has been excluded from analysis in this environmental review document.*

#### Relevant documentation

- [Douglas-County-Inventory-Report-Final-15Feb2016](#)

#### Justification for exclusion

This project affects existing infrastructure which does not occur on a tallgrass prairie or on a slope/ridge of a hill.

### 2.2 Monarch Butterfly

*This species has been excluded from analysis in this environmental review document.*

#### Relevant documentation

- [Douglas-County-Inventory-Report-Final-15Feb2016](#)

#### Justification for exclusion

The monarch butterfly's habitat is open fields and meadows with milkweed. This is during the spring and the summer. This project is not in a meadow or open field, it is work to existing public infrastructure.



## **2.3 Pallid Sturgeon**

*This species has been excluded from analysis in this environmental review document.*

### **Relevant documentation**

- [Douglas-County-Inventory-Report-Final-15Feb2016](#)

### **Justification for exclusion**

The project site is not near a waterway.

## **2.4 Western Prairie Fringed Orchid**

*This species has been excluded from analysis in this environmental review document.*

### **Relevant documentation**

- [Douglas-County-Inventory-Report-Final-15Feb2016](#)

### **Justification for exclusion**

The site is not associated with a moderate to steep slope or swale of tallgrass prairie on glacial drift or on level to hilly, unglaciated upland prairies covered with a thin, discontinuous mantle of loess.

### **3 Critical Habitat Effects Analysis**

*No critical habitats intersect with the project action area.*

## **4 Summary Discussion And Conclusion**

### **4.1 Summary Discussion**

The City of Lawrence is considering funding the following pedestrian improvement project with federal funds from the U.S. Department of Housing and Urban Development (HUD):

New sidewalk on the east side of Maine St from 6th St to 4th St. Work will include removing and replacing concrete sidewalks and construction of new sidewalks and sidewalk ramps on the east side of Maine St from 6th St to 4th St. The project scope only impacts the existing sidewalk area.

### **4.2 Conclusion**

The City of Lawrence is considering funding the following pedestrian improvement project with federal funds from the U.S. Department of Housing and Urban Development (HUD):

New sidewalk on the east side of Maine St from 6th St to 4th St. Work will include removing and replacing concrete sidewalks and construction of new sidewalks and sidewalk ramps on the east side of Maine St from 6th St to 4th St. There will be no impact to endangered species or habitats.



## United States Department of the Interior



FISH AND WILDLIFE SERVICE  
Kansas Ecological Services Field Office  
2609 Anderson Avenue  
Manhattan, KS 66502-2801  
Phone: (785) 539-3474 Fax: (785) 539-8567

In Reply Refer To:  
Project code: 2023-0043278  
Project Name: Sidewalk - Maine St

February 08, 2023

Subject: Verification letter for the 'Sidewalk - Maine St' project under the January 5, 2016, Programmatic Biological Opinion on Final 4(d) Rule for the Northern Long-eared Bat and Activities Excepted from Take Prohibitions.

Dear Caitlyn Dolar:

The U.S. Fish and Wildlife Service (Service) received on February 08, 2023 your effects determination for the 'Sidewalk - Maine St' (the Action) using the northern long-eared bat (*Myotis septentrionalis*) key within the Information for Planning and Consultation (IPaC) system. This IPaC key assists users in determining whether a Federal action is consistent with the activities analyzed in the Service's January 5, 2016, Programmatic Biological Opinion (PBO). The PBO addresses activities excepted from "take"<sup>[1]</sup> prohibitions applicable to the northern long-eared bat under the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.).

Based upon your IPaC submission, the Action is consistent with activities analyzed in the PBO. The Action may affect the northern long-eared bat; however, any take that may occur as a result of the Action is not prohibited under the ESA Section 4(d) rule adopted for this species at 50 CFR §17.40(o). Unless the Service advises you within 30 days of the date of this letter that your IPaC-assisted determination was incorrect, this letter verifies that the PBO satisfies and concludes your responsibilities for this Action under ESA Section 7(a)(2) with respect to the northern long-eared bat.

Additionally, please note that on March 23, 2022, the Service published a proposal to reclassify the northern long-eared bat (NLEB) as endangered under the Endangered Species Act. The U.S. District Court for the District of Columbia has ordered the Service to complete a new final listing determination for the NLEB by November 2022 (Case 1:15-cv-00477, March 1, 2021). The bat, currently listed as threatened, faces extinction due to the range-wide impacts of white-nose syndrome (WNS), a deadly fungal disease affecting cave-dwelling bats across the continent. The proposed reclassification, if finalized, would remove the current 4(d) rule for the NLEB, as these rules may be applied only to threatened species. Depending on the type of effects a project has on NLEB, the change in the species' status may trigger the need to re-initiate consultation for any

actions that are not completed and for which the Federal action agency retains discretion once the new listing determination becomes effective (anticipated to occur by December 30, 2022). If your project may result in incidental take of NLEB after the new listing goes into effect this will first need to be addressed in an updated consultation that includes an Incidental Take Statement. If your project may require re-initiation of consultation, please contact our office for additional guidance.

Please report to our office any changes to the information about the Action that you submitted in IPaC, the results of any bat surveys conducted in the Action area, and any dead, injured, or sick northern long-eared bats that are found during Action implementation. If the Action is not completed within one year of the date of this letter, you must update and resubmit the information required in the IPaC key.

This IPaC-assisted determination allows you to rely on the PBO for compliance with ESA Section 7(a)(2) only for the northern long-eared bat. It **does not** apply to the following ESA-protected species that also may occur in the Action area:

- Mead's Milkweed *Asclepias meadii* Threatened
- Monarch Butterfly *Danaus plexippus* Candidate
- Pallid Sturgeon *Scaphirhynchus albus* Endangered
- Western Prairie Fringed Orchid *Platanthera praeclara* Threatened

If the Action may affect other federally listed species besides the northern long-eared bat, a proposed species, and/or designated critical habitat, additional consultation between you and this Service office is required. If the Action may disturb bald or golden eagles, additional coordination with the Service under the Bald and Golden Eagle Protection Act is recommended.

---

[1]Take means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct [ESA Section 3(19)].

---

## Action Description

You provided to IPaC the following name and description for the subject Action.

### 1. Name

Sidewalk - Maine St

### 2. Description

The following description was provided for the project 'Sidewalk - Maine St':

The City of Lawrence is considering funding the following pedestrian improvement project with federal funds from the U.S. Department of Housing and Urban Development (HUD):

New sidewalk on the east side of Maine St from 6th St to 4th St. Work will include removing and replacing concrete sidewalks and construction of new sidewalks and sidewalk ramps on the east side of Maine St from 6th St to 4th St.

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@38.9750536500001,-95.24758635,14z>



## Determination Key Result

This Federal Action may affect the northern long-eared bat in a manner consistent with the description of activities addressed by the Service's PBO dated January 5, 2016. Any taking that may occur incidental to this Action is not prohibited under the final 4(d) rule at 50 CFR §17.40(o). Therefore, the PBO satisfies your responsibilities for this Action under ESA Section 7(a)(2) relative to the northern long-eared bat.

## Determination Key Description: Northern Long-eared Bat 4(d) Rule

This key was last updated in IPaC on May 15, 2017. Keys are subject to periodic revision.

This key is intended for actions that may affect the threatened northern long-eared bat.

The purpose of the key for Federal actions is to assist determinations as to whether proposed actions are consistent with those analyzed in the Service's PBO dated January 5, 2016.

Federal actions that may cause prohibited take of northern long-eared bats, affect ESA-listed species other than the northern long-eared bat, or affect any designated critical habitat, require ESA Section 7(a)(2) consultation in addition to the use of this key. Federal actions that may affect species proposed for listing or critical habitat proposed for designation may require a conference under ESA Section 7(a)(4).



## Determination Key Result

This project may affect the threatened Northern long-eared bat; therefore, consultation with the Service pursuant to Section 7(a)(2) of the Endangered Species Act of 1973 (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.) is required. However, based on the information you provided, this project may rely on the Service's January 5, 2016, *Programmatic Biological Opinion on Final 4(d) Rule for the Northern Long-Eared Bat and Activities Excepted from Take Prohibitions* to fulfill its Section 7(a)(2) consultation obligation.

## Qualification Interview

1. Is the action authorized, funded, or being carried out by a Federal agency?

Yes

2. Have you determined that the proposed action will have "no effect" on the northern long-eared bat? (If you are unsure select "No")

No

3. Will your activity purposefully **Take** northern long-eared bats?

No

4. Have you contacted the appropriate agency to determine if your project is near a known hibernaculum or maternity roost tree?

Location information for northern long-eared bat hibernacula is generally kept in state Natural Heritage Inventory databases – the availability of this data varies state-by-state. Many states provide online access to their data, either directly by providing maps or by providing the opportunity to make a data request. In some cases, to protect those resources, access to the information may be limited. A web page with links to state Natural Heritage Inventory databases and other sources of information on the locations of northern long-eared bat roost trees and hibernacula is available at [www.fws.gov/media/nleb-roost-tree-and-hibernacula-state-specific-data-links-0](http://www.fws.gov/media/nleb-roost-tree-and-hibernacula-state-specific-data-links-0).

Yes

5. Will the action affect a cave or mine where northern long-eared bats are known to hibernate (i.e., hibernaculum) or could it alter the entrance or the environment (physical or other alteration) of a hibernaculum?

No

6. Will the action involve Tree Removal?

No

---

## Project Questionnaire

**If the project includes forest conversion, report the appropriate acreages below. Otherwise, type '0' in questions 1-3.**

1. Estimated total acres of forest conversion:

0

2. If known, estimated acres of forest conversion from April 1 to October 31

0

3. If known, estimated acres of forest conversion from June 1 to July 31

0

**If the project includes timber harvest, report the appropriate acreages below. Otherwise, type '0' in questions 4-6.**

4. Estimated total acres of timber harvest

0

5. If known, estimated acres of timber harvest from April 1 to October 31

0

6. If known, estimated acres of timber harvest from June 1 to July 31

0

**If the project includes prescribed fire, report the appropriate acreages below. Otherwise, type '0' in questions 7-9.**

7. Estimated total acres of prescribed fire

0

8. If known, estimated acres of prescribed fire from April 1 to October 31

0

9. If known, estimated acres of prescribed fire from June 1 to July 31

0

**If the project includes new wind turbines, report the megawatts of wind capacity below. Otherwise, type '0' in question 10.**

10. What is the estimated wind capacity (in megawatts) of the new turbine(s)?

0

---

## **IPaC User Contact Information**

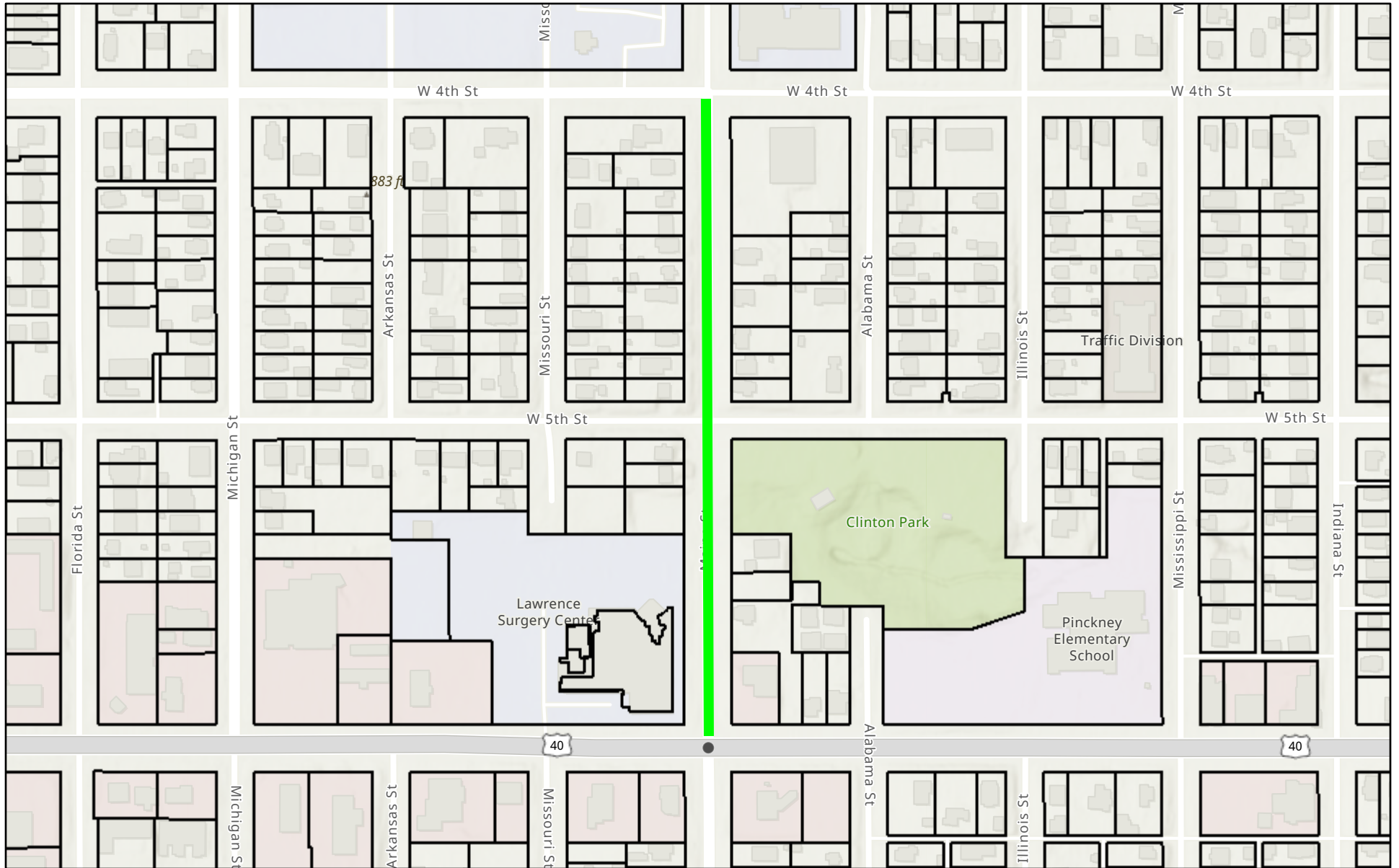
Agency: Lawrence city  
Name: Caitlyn Dolar  
Address: 1 Riverfront Plaza  
Address Line 2: Ste 320  
City: Lawrence  
State: KS  
Zip: 66044  
Email: cdolar@lawrenceks.org  
Phone: 7858323113

## **Lead Agency Contact Information**

Lead Agency: Department of Housing and Urban Development

---

# ArcGIS Web Map



2/8/2023, 4:28:47 PM

 Parcels

Esri Community Maps Contributors, City of Lawrence, Kansas, Missouri Dept. of Conservation, Missouri DNR, © OpenStreetMap, Microsoft, Esri,

Web AppBuilder for ArcGIS  
City of Lawrence Kansas

## Explosive and Flammable Hazards (CEST and EA)

General requirements	Legislation	Regulation
HUD-assisted projects must meet Acceptable Separation Distance (ASD) requirements to protect them from explosive and flammable hazards.	N/A	24 CFR Part 51 Subpart C
<b>Reference</b>		
<a href="https://www.hudexchange.info/environmental-review/explosive-and-flammable-facilities">https://www.hudexchange.info/environmental-review/explosive-and-flammable-facilities</a>		

**1. Is the proposed HUD-assisted project itself the development of a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals such as bulk fuel storage facilities and refineries)?**

No

→ Continue to Question 2.

**2. Does this project include any of the following activities: development, construction, rehabilitation that will increase residential densities, or conversion?**

Yes

→ Continue to Question 3.

**3. Within 1 mile of the project site, are there any current *or planned* stationary aboveground storage containers that are covered by 24 CFR 51C? Containers that are NOT covered under the regulation include:**

- Containers 100 gallons or less in capacity, containing common liquid industrial fuels  
OR
- Containers of liquified petroleum gas (LPG) or propane with a water volume capacity of 1,000 gallons or less that meet the requirements of the 2017 or later version of National Fire Protection Association (NFPA) Code 58.

If all containers within the search area fit the above criteria, answer “no.” For any other type of aboveground storage container within the search area that holds one of the flammable or explosive materials listed in Appendix I of 24 CFR part 51 subpart C, answer “yes.”

Yes

→ Continue to Question 4.

4. Visit HUD's website to identify the appropriate tank or tanks to assess and to calculate the required separation distance using the [electronic assessment tool](#). To document this step in the analysis, please attach the following supporting documents to this screen:

- Map identifying the tank selected for assessment, and showing the distance from the tank to the proposed HUD-assisted project site; and
- Electronic assessment tool calculation of the required separation distance.

**Based on the analysis, is the proposed HUD-assisted project site located at or beyond the required separation distance from all covered tanks?**

Yes

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

### **Worksheet Summary**

#### **Compliance Determination**

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

There is one current stationary aboveground storage container within 1 mile of the project site. The AST is a 13,500 gallon carbon dioxide tank located 1,584' to the NE at 720 W 3<sup>rd</sup> St. The ASD for Thermal Radiation for People is 817.89' and the ASD for Thermal Radiation for Buildings is 167.48'.

The Separation Distances from the project is acceptable.

There are no planned stationary aboveground storage containers of concern within 1 mile of the project site.

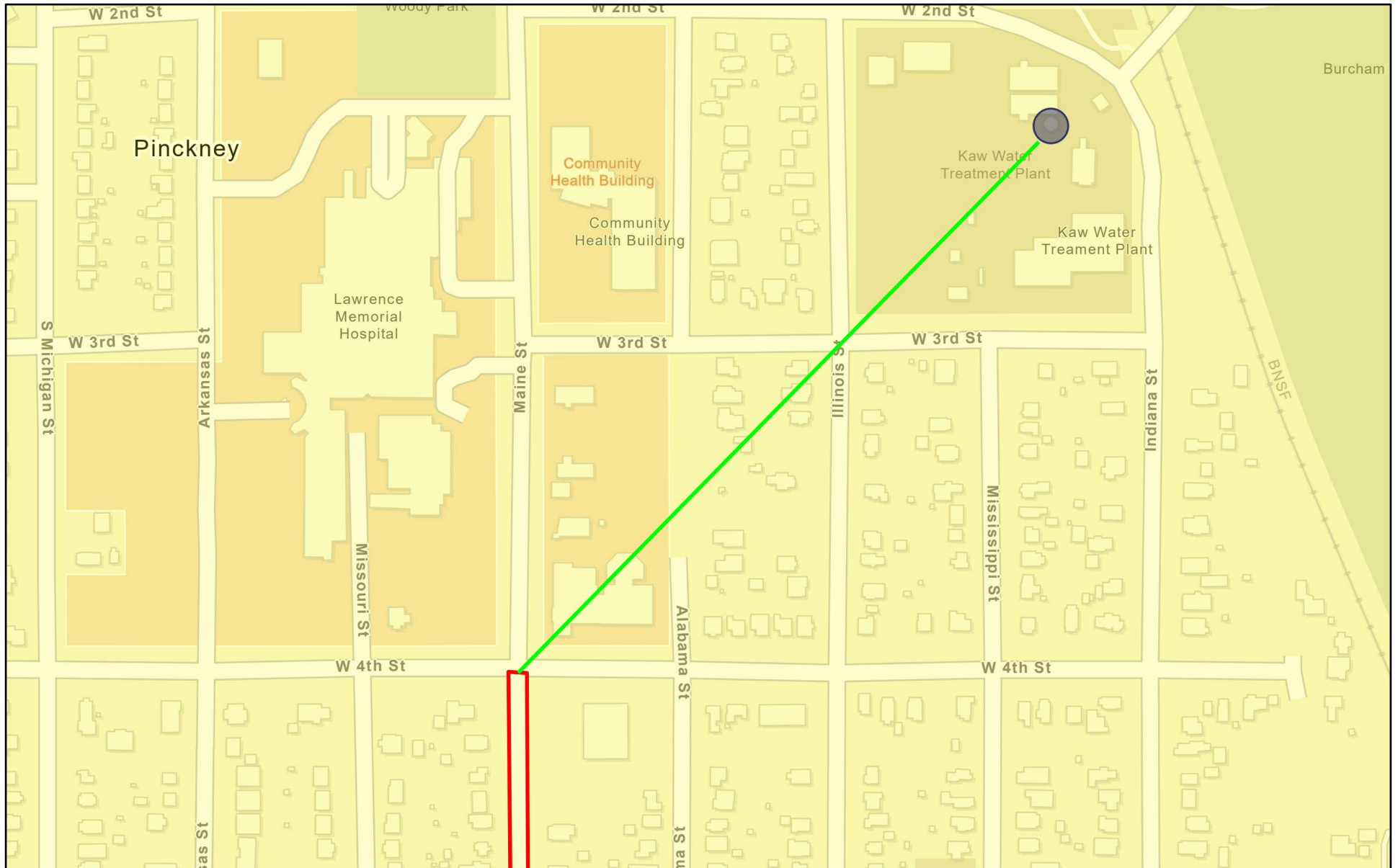
See attached Explosive and Flammable Facilities Worksheet packet.

**Are formal compliance steps or mitigation required?**





Yes

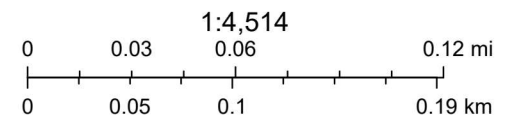
No

# Maine Street Project - Distance to AST w/ 1 Mile Buffer (Zoomed in)



July 12, 2023

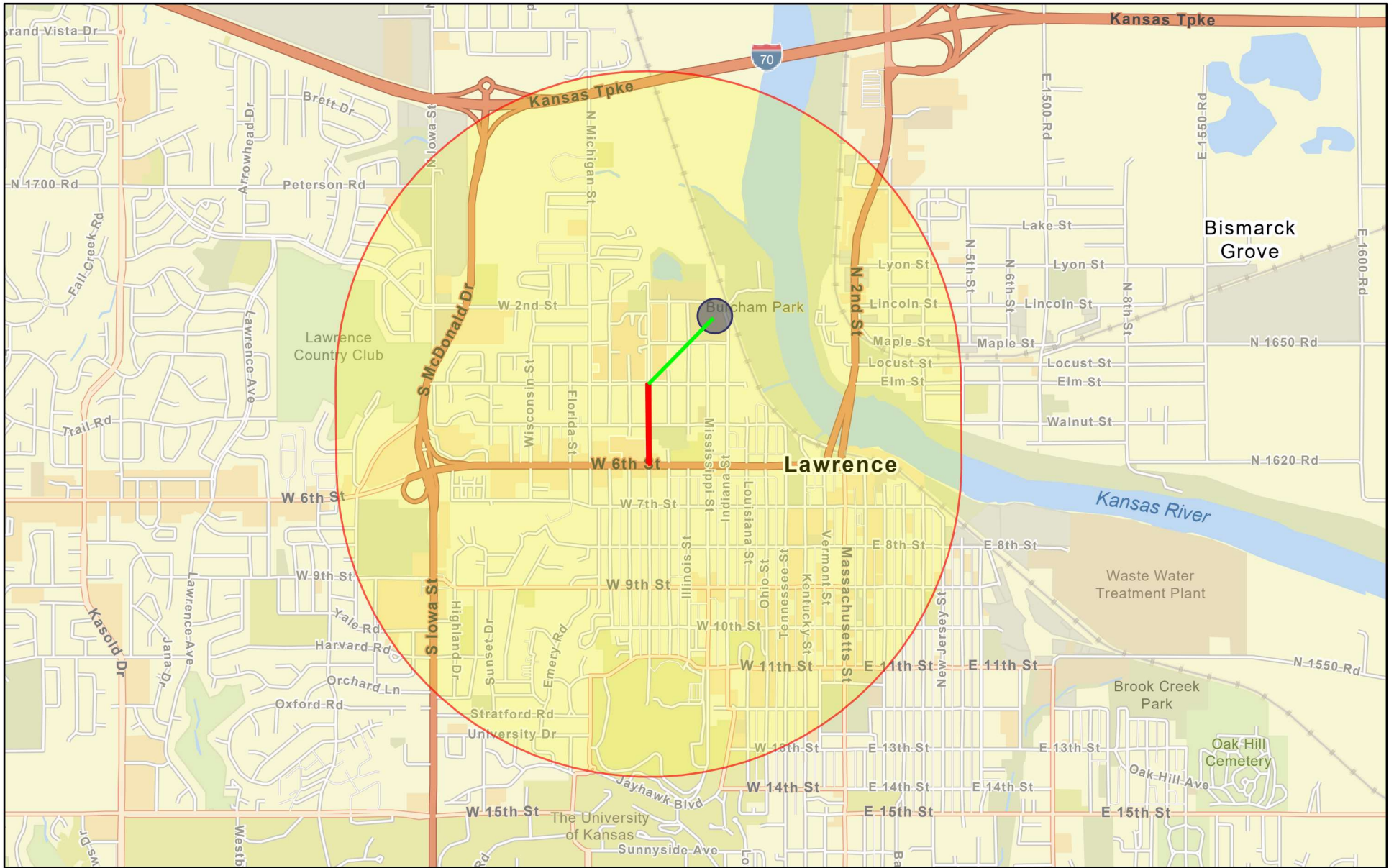
-  Distance to AST - 1,584 ft
-  Project Site - Maine St
-  Project Buffer
-  AST Location - 720 W 3rd St



Esri Community Maps Contributors, City of Lawrence, Kansas, Missouri Dept. of Conservation, Missouri DNR, © OpenStreetMap, Microsoft, Esri,

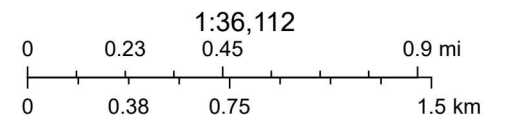


# Maine Street Project - Distance to AST w/ 1 Mile Buffer



July 12, 2023

- Distance to AST - 1,584 ft
- Project Site - Maine St
- Project Buffer
- AST Location - 720 W 3rd St



City of Lawrence, Kansas, Missouri Dept. of Conservation, Missouri DNR, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS.

# Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft<sup>2</sup> - hr - people and 10,000 BTU/ft<sup>2</sup> - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD- Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Siting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

**Note:** Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

## Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/>
Is the container under pressure?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
Does the container hold a cryogenic liquified gas?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
Is the container diked?	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
What is the volume (gal) of the container?	<input type="text"/>
What is the Diked Area Length (ft)?	<input type="text"/>
What is the Diked Area Width (ft)?	<input type="text"/>
<input type="button" value="Calculate Acceptable Separation Distance"/>	
Diked Area (sqft)	<input type="text"/>
ASD for Blast Over Pressure (ASDBOP)	<input type="text"/>
ASD for Thermal Radiation for People (ASDPPU)	<input type="text" value="817.89"/>
ASD for Thermal Radiation for Buildings (ASDBPU)	<input type="text" value="167.48"/>
ASD for Thermal Radiation for People (ASDPNPD)	<input type="text"/>
ASD for Thermal Radiation for Buildings (ASDBNPD)	<input type="text"/>

For mitigation options, please click on the following link: [Mitigation Options \(/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/\)](/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

## Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the [Contact Us \(https://www.hudexchange.info/contact-us/\)](https://www.hudexchange.info/contact-us/) form.

## Related Information

- [ASD User Guide \(/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/\)](/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)
- [ASD Flow Chart \(/resource/3840/acceptable-separation-distance-asd-flowchart/\)](/resource/3840/acceptable-separation-distance-asd-flowchart/)

## Farmlands Protection (CEST and EA)

General requirements	Legislation	Regulation
The Farmland Protection Policy Act (FPPA) discourages federal activities that would convert farmland to nonagricultural purposes.	Farmland Protection Policy Act of 1981 (7 U.S.C. 4201 et seq.)	<a href="#">7 CFR Part 658</a>
Reference		
<a href="https://www.hudexchange.info/environmental-review/farmlands-protection">https://www.hudexchange.info/environmental-review/farmlands-protection</a>		

1. Does your project include any activities, including new construction, acquisition of undeveloped land or conversion, that could convert agricultural land to a non-agricultural use?

No

**Explain how you determined that agricultural land would not be converted:**

According to NEPAssist, the project site is located in an urbanized area, and based on the project description, the project does not include new construction, acquisition of undeveloped land or conversion, that could convert agricultural land to a non-agricultural use.

→ Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documentation supporting your determination.

### Worksheet Summary

#### **Compliance Determination**

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

According to NEPAssist, the project site is located in an urbanized area, and based on the project description, the project does not include new construction, acquisition of undeveloped land or conversion, that could convert agricultural land to a non-agricultural use. The project is in compliance with the Farmland Policy Act. See attached Farmlands Protection Worksheet packet.

**Are formal compliance steps or mitigation required?**

Yes

No

## Floodplain Management (CEST and EA)

General Requirements	Legislation	Regulation
Executive Order 11988, Floodplain Management, requires Federal activities to avoid impacts to floodplains and to avoid direct and indirect support of floodplain development to the extent practicable.	Executive Order 11988	24 CFR 55
<b>Reference</b>		
<a href="https://www.hudexchange.info/environmental-review/floodplain-management">https://www.hudexchange.info/environmental-review/floodplain-management</a>		

1. Does [24 CFR 55.12\(c\)](#) exempt this project from compliance with HUD's floodplain management regulations in Part 55?

No → *Continue to Question 2.*

2. **Provide a FEMA/FIRM or ABFE map showing the site.**

The Federal Emergency Management Agency (FEMA) designates floodplains. The FEMA Map Service Center provides this information in the form of FEMA Flood Insurance Rate Maps (FIRMs) or Advisory Base Flood Elevations (ABFEs). For projects in areas not mapped by FEMA, use the best available information to determine floodplain information. Include documentation, including a discussion of why this is the best available information for the site.

### **Does your project occur in a floodplain?**

No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

## **Worksheet Summary**

### **Compliance Determination**

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

This project does not occur in a floodplain. The project is in compliance with Executive Order 11988. See attached Floodplain Management Worksheet Packet and FEMA/FIRMette map 20045C0176E (eff. 9/2/2015).

**Are formal compliance steps or mitigation required?**

Yes

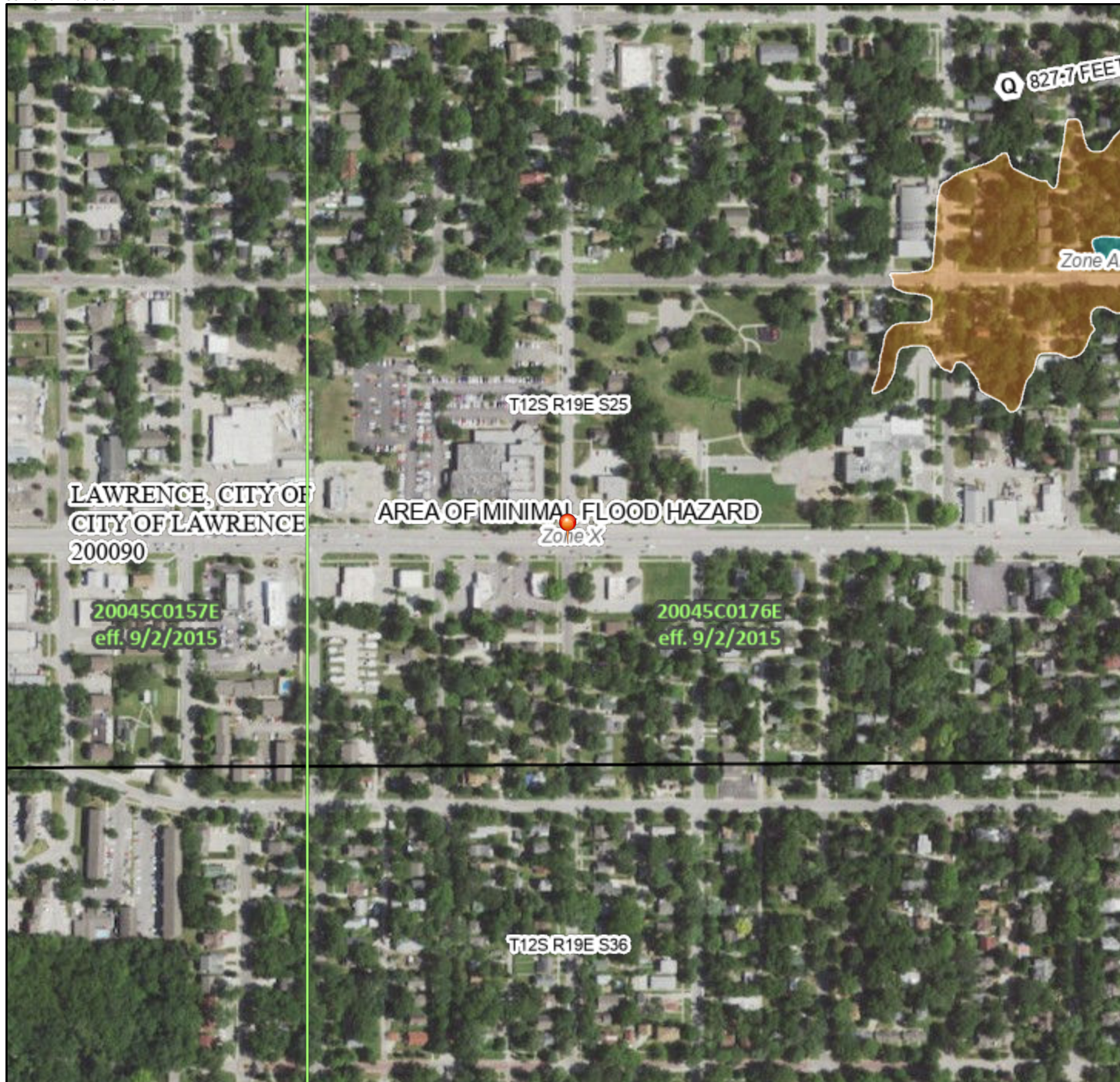
No



# National Flood Hazard Layer FIRMMette



95°15'10"W 38°58'37"N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard <i>Zone D</i>
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall

OTHER FEATURES		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

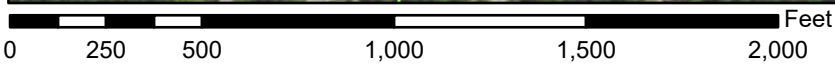
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **7/10/2023 at 2:40 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



1:6,000

95°14'33"W 38°58'9"N

Basemap Imagery Source: USGS National Map 2023

## Historic Preservation (CEST and EA)

General requirements	Legislation	Regulation
Regulations under Section 106 of the National Historic Preservation Act (NHPA) require a consultative process to identify historic properties, assess project impacts on them, and avoid, minimize, or mitigate adverse effects	Section 106 of the National Historic Preservation Act (16 U.S.C. 470f)	<a href="#">36 CFR 800 "Protection of Historic Properties"</a>
References		
<a href="https://www.hudexchange.info/environmental-review/historic-preservation">https://www.hudexchange.info/environmental-review/historic-preservation</a>		

### Threshold

#### Is Section 106 review required for your project?

- Yes, because the project includes activities with potential to cause effects (direct or indirect). → *Continue to Step 1.*

#### **The Section 106 Process**

After determining the need to do a Section 106 review, initiate consultation with regulatory and other interested parties, identify and evaluate historic properties, assess effects of the project on properties listed on or eligible for the National Register of Historic Places, and resolve any adverse effects through project design modifications or mitigation.

Note that consultation continues through all phases of the review.

Step 1: Initiate consultation

Step 2: Identify and evaluate historic properties

Step 3: Assess effects of the project on historic properties

Step 4: Resolve any adverse effects

### Step 1 - Initiate Consultation

The following parties are entitled to participate in Section 106 reviews: Advisory Council on Historic Preservation; State Historic Preservation Officers (SHPOs); federally recognized Indian tribes/Tribal Historic Preservation Officers (THPOs); Native Hawaiian Organizations (NHOs); local governments; and project grantees. The general public and individuals and organizations with a demonstrated interest in a project may participate as consulting parties at the discretion of the RE or HUD official. Participation varies with the nature and scope of a project. Refer to HUD's website for guidance on consultation, including the required timeframes for response. Consultation should begin early to enable full consideration of preservation options.



Use the [When To Consult With Tribes checklist](#) within [Notice CPD-12-006: Process for Tribal Consultation](#) to determine if you should invite tribes to consult on a particular project. Use the [Tribal Directory Assessment Tool \(TDAT\)](#) to identify tribes that may have an interest in the area where the project is located. Note that consultants may not initiate consultation with Tribes.

**Select all consulting parties below (check all that apply):**

- State Historic Preservation Officer (SHPO)
- Advisory Council on Historic Preservation
- Indian Tribes, including Tribal Historic Preservation Officers (THPOs) or Native
- Hawaiian Organizations (NHOs)

**List all tribes that were consulted here and their status of consultation:**

Absentee-Shawnee Tribe of Indians- No response  
Cheyenne and Arapaho Tribes of Oklahoma – No response  
Delaware Nation Oklahoma – No adverse effect  
Delaware Tribe of Indians – No response  
Eastern Shawnee Tribe of Oklahoma – No adverse effect  
Little Traverse Bay Bands of Odawa Indians, Michigan – No response  
Osage Nation – No response  
Prairie Band Potawatomi Nation – No response  
Seneca-Cayuga Nation – No response  
Wichita and Affiliated Tribes – No response

- Other Consulting Parties

**List all consulting parties that were consulted here and their status of consultation:**

- Lynne Braddock Zollner, Historic Resources Administrator, City of Lawrence – No adverse effect

**Describe the process of selecting consulting parties and initiating consultation here:**

A letter was sent to the above Tribes outlining the project and included maps and additional information. The Delaware Nation Oklahoma and Eastern Shawnee Tribe of Oklahoma both responded with a finding of “No Adverse Effect”. The State Historic Preservation Office was also consulted and also found this project will have no adverse effect.

*Provide all correspondence, notices, and notes (including comments and objections received) and continue to Step 2.*

**Step 2 - Identify and Evaluate Historic Properties**

**Define the Area of Potential Effect (APE), either by entering the address(es) or providing a map depicting the APE.** Attach an additional page if necessary.

The project area is Maine Street, between 6<sup>th</sup> and 4<sup>th</sup> Streets. See attached map.

Gather information about known historic properties in the APE. Historic buildings, districts and archeological sites may have been identified in local, state, and national surveys and registers, local historic districts, municipal plans, town and county histories, and local history websites. If not already listed on the National Register of Historic Places, identified properties are then evaluated to see if they are eligible for the National Register.

Refer to HUD's website for guidance on identifying and evaluating historic properties.

**In the space below, list historic properties identified and evaluated in the APE.**

Every historic property that may be affected by the project should be listed. For each historic property or district, include the National Register status, whether the SHPO has concurred with the finding, and whether information on the site is sensitive. Attach an additional page if necessary.

The project site is located in the West Lawrence subdivision platted in 1869 except a portion that was platted as the Pinckney Addition replat in 2015. The area is adjacent to structures that date from 1899 to 1950. The area is potentially eligible for listing in the National Register of Historic Places. The improvements of a sidewalk in the public right-of-way are consistent with other sidewalks in the area and will have no impact on the historic development pattern of the area. The proposed project will have no adverse effect on any property listed or eligible for listing in the National Register of Historic Places, the Register of Historic Kansas Places, or the Lawrence Register of Historic Places. The SHPO has concurred with these findings. Information on the site is not sensitive.

Provide the documentation (survey forms, Register nominations, concurrence(s) and/or objection(s), notes, and photos) that justify your National Register Status determination.

**Was a survey of historic buildings and/or archeological sites done as part of the project?**

If the APE contains previously unsurveyed buildings or structures over 50 years old, or there is a likely presence of previously unsurveyed archeological sites, a survey may be necessary. For Archeological surveys, refer to HP Fact Sheet #6, [Guidance on Archeological Investigations in HUD Projects](#).

No → *Continue to Step 3.*

**Step 3 - Assess Effects of the Project on Historic Properties**

Only properties that are listed on or eligible for the National Register of Historic Places receive further consideration under Section 106. Assess the effect(s) of the project by applying the Criteria of Adverse Effect. ([36 CFR 800.5](#)) Consider direct and indirect effects as applicable as per HUD guidance.

**Choose one of the findings below - No Historic Properties Affected, No Adverse Effect, or Adverse Effect; and seek concurrence from consulting parties.**

No Historic Properties Affected

**Document reason for finding:**

No historic properties present. → *Provide concurrence(s) or objection(s) and continue to the Worksheet Summary.*

Historic properties present, but project will have no effect upon them. → *Provide concurrence(s) or objection(s) and continue to the Worksheet Summary.*

If consulting parties concur or fail to respond to user's request for concurrence, project is in compliance with this section. No further review is required. If consulting parties object, refer to ([36 CFR 800.4\(d\)\(1\)](#)) and consult further to try to resolve objection(s).

No Adverse Effect

**Document reason for finding:**

The SHPO has determined that the proposed project will not adversely affect any property listed or determined eligible for listing in the National Register.

**Does the No Adverse Effect finding contain conditions?**

No → *Provide concurrence(s) or objection(s) and continue to the Worksheet Summary.*

If consulting parties concur or fail to respond to user's request for concurrence, project is in compliance with this section. No further review is required. If consulting parties object, refer to ([36 CFR 800.5\(c\)\(2\)](#)) and consult further to try to resolve objection(s).

### **Worksheet Summary**

#### **Compliance Determination**

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

Based on Section 106 consultation the project will have No Adverse Effect on historic properties. Conditions: None. The project is in compliance with Section 106. See attached Historic Preservation Worksheet packet.

**Are formal compliance steps or mitigation required?**

Yes

No

**PROGRAMMATIC AGREEMENT EXTENSION  
AMONG  
CERTAIN KANSAS LOCAL GOVERNMENTS  
THE KANSAS DEPARTMENT OF COMMERCE  
THE KANSAS HOUSING RESOURCES CORPORATION  
THE U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, AND  
THE KANSAS STATE HISTORIC PRESERVATION OFFICE  
FOR  
THE REVIEW OF HUD-FUNDED ACTIVITIES**

WHEREAS, a Programmatic Agreement (Agreement) to comply with Section 106 of the National Historic Preservation Act between the U.S. Department of Housing and Urban Development through various offices, including the Office of the Assistant Secretaries for Housing-Federal Housing Commissioner, Public and Indian Housing, and Community Planning and Development, the Kansas State Historic Preservation Office (SHPO), the State of Kansas, and units of general local government ("Responsible Entities") became effective on July 12, 2017, with a termination date of July 12, 2022; and

WHEREAS, in the Agreement, Stipulation VII. "TERM OF THE AGREEMENT" states that "at any time in the six-month period prior to the Agreement's expiration, the signatories may request that the SHPO extend the Agreement for five (5) additional years, provided the request is made in writing, that there are no substantive modifications, that HUD and the SHPO agree, and that any other signatory wishing to remain party to the Agreement also agrees;" and

WHEREAS, the Unified Government of Wyandotte County and Kansas City, Kansas, a signatory to the Agreement, requested in writing by email dated November 1, 2021, that the SHPO extend the Agreement for five additional years; and

WHEREAS, no substantive modifications were made to the Agreement; and

WHEREAS, the City of Lenexa, Kansas, was removed from the Agreement as a listed unit of general local government, June 18, 2020;

NOW, THEREFORE, HUD and the SHPO agree that the Agreement and all its terms shall be extended in accordance with Stipulation VII of the Agreement. All signatories wishing to remain party to the Agreement must agree in writing.

**PROGRAMMATIC AGREEMENT  
AMONG  
CERTAIN KANSAS LOCAL GOVERNMENTS  
THE KANSAS DEPARTMENT OF COMMERCE  
THE KANSAS HOUSING RESOURCES CORPORATION  
THE U. S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, AND  
THE KANSAS STATE HISTORIC PRESERVATION OFFICE  
FOR  
THE REVIEW OF HUD-FUNDED ACTIVITIES**

**WHEREAS**, the U.S. Department of Housing and Urban Development (“HUD”) through various offices, including the Offices of the Assistant Secretaries for Housing—Federal Housing Commissioner, Public and Indian Housing, and Community Planning and Development, provides grant funding, mortgage insurance and other assistance (“HUD Programs”) to a range of entities within the State of Kansas; and

**WHEREAS**, HUD is responsible for complying with Section 106 of the National Historic Preservation Act of 1966, as amended, (54 U.S.C. 306108), implemented pursuant to 36 C.F.R. Part 800 (“Section 106”) when HUD conducts an environmental review under 24 C.F.R. Part 50; and

**WHEREAS**, separately and distinctly, the State of Kansas or a unit of general local government (“Responsible Entities”) is responsible for complying with Section 106 when it conducts an environmental review under 24 C.F.R. Part 58, which allows a state or unit of general local government to assume HUD’s environmental responsibility; and

**WHEREAS**, agencies for the State of Kansas administering Section 106 responsibility under 24 C.F.R. Part 58 include the Kansas Department of Commerce and the Kansas Housing Resources Corporation; and

**WHEREAS**, units of general local government in the State of Kansas assuming Section 106 responsibility under 24 C.F.R. Part 58 include, but are not limited to, the City of Lawrence, the City of Leavenworth, the City of Lenexa, the City of Manhattan, the City of Overland Park, the City of Shawnee, the City of Topeka, the City of Wichita, Johnson County, the Unified Government of Wyandotte County and Kansas City, and other units of general local government in the State of Kansas that may act as a Responsible Entity pursuant to 24 C.F.R. Part 58; and

**WHEREAS**, Responsible Entities and HUD may undertake activities that include, but are not limited to, acquisition, land-banking, leasing, repair, rehabilitation, improvement, demolition, conversion and new construction of residential and non-residential properties, structures, or facilities, each of which is an undertaking (“Undertaking”) as defined pursuant to 36 C.F.R. § 800.16(y), and

**WHEREAS**, the Responsible Entities and HUD have determined that certain Undertakings funded by the HUD Programs have limited potential to affect properties included in or eligible for inclusion in the National Register of Historic Places and have consulted with the Kansas State Historic Preservation Officer (“SHPO”) pursuant to 36 C.F.R. § 800.14 of the regulations implementing Section 106; and

**WHEREAS**, in recognition of the unique government-to-government relationship between the Federal government and federally-recognized American Indian tribes, federally-recognized American Indian tribes and other tribes identified by the SHPO, collectively listed in Exhibit A, were notified and invited to comment and/or consult in the development of this Agreement; and

**WHEREAS**, the tribes listed in Exhibit A either did not provide comment or, in the case of the United Keetoowah Band of Cherokee Indians in Oklahoma, declined to participate in consultation but requested a copy of the executed Agreement; and

**WHEREAS**, in 1995 and 2006 the Advisory Council on Historic Preservation respectively issued and revised a “Policy Statement on Affordable Housing and Historic Preservation” that addresses implementation principles for Section 106 compliance, and those principles have been utilized in developing and revising this Agreement;

**NOW, THEREFORE**, the Responsible Entities, HUD, and the SHPO agree that the HUD Programs shall be administered in accordance with the following stipulations to satisfy the Section 106 responsibilities of the Responsible Entities and HUD, as appropriate to their respective responsibilities under 24 C.F.R. Part 58 or Part 50.

## **STIPULATIONS**

The Responsible Entities and HUD will insure that the following measures are carried out.

### **I. EXEMPTED UNDERTAKINGS**

The following proposed Undertakings have limited potential to affect historic properties and may be approved by the Responsible Entities under 24 C.F.R. Part 58 or HUD under 24 C.F.R. Part 50 without further consultation with the SHPO.

All Undertakings not identified under either (A) or (B) of this Stipulation must be reviewed in accordance with 36 C.F.R. Part 800.

#### **A. General Exemption**

1. Undertakings on existing residential or non-residential buildings, structures or facilities less than fifty years old, which may include demolition and rehabilitation, but not new construction. To qualify for this exemption, the property’s age or date of construction must be documented through written records (e.g., building permit, water permit, tax assessor, title records, fire insurance rate map, aerial photograph or other age-identifying record) and recent, clear, good quality photographic documentation.
2. Refinancing without demolition, rehabilitation or construction.
3. Leasing without demolition, rehabilitation or construction.
4. Acquisition of real property provided there is no reasonably foreseeable plan to rehabilitate, repair, improve or demolish the building(s).

#### **B. Exempt Activities**

The list of exempt activities applies to all Undertakings not otherwise made exempt under



Section I (A) “General Exemption.” For purposes of this Agreement, the term “in-kind replacement” is defined as installation of a new element that duplicates the material, dimensions, configuration and detailing of the original element.

## 1. Site Work

- a) Streets, driveways, alleys, and parking areas. Repair of existing concrete or asphalt surfaces and parking areas as long as they are not expanded.
- b) Curbs, gutters, sidewalks, retaining walls. Repair of existing concrete or asphalt surfaces or in-kind repair/replacement of brick, rock, or stone materials for curbs, gutters, sidewalks, and retaining walls.
- c) Site improvements. Repair or in-kind repair/replacement of site improvements, including, but not limited to fences, landscaping, and steps not attached to any building.
- d) Below Ground Utilities. Modifications to existing water, sewer, natural gas distribution, electric or telecommunication facilities where no new above-ground structures are involved and the ground at the site where such modifications will occur has been substantially disturbed, including previously disturbed utility corridors or road rights-of-way, not including brick streets.
- e) Above Ground Utilities. Repair or replacement of existing wires, anchors, crossarms, and other miscellaneous hardware on existing overhead lines; not including pole replacement or installation outside city limits. Water tower replacement is not exempt.
- f) Park and playground equipment. Installation, repair or replacement of park and playground equipment, excluding buildings.
- g) Temporary structures. Installation of temporary construction-related structures including scaffolding, barriers, screening, fences, protective walkways, signage, office trailers or restrooms.

## 2. Exterior Rehabilitation

- a) Foundations. Below-grade repair of brick or stone foundations that does not include applying weatherproofing or sealers, and repairs to all other types of foundation
- b) Windows and doors. Repair of windows and doors, including caulking and weather stripping of existing window or door frames, and installation of new single-glazed clear glass in existing sashes or doors, and replacement of glazing putty.
- c) Storm windows and storm doors. Installation of exterior storm windows and doors provided they conform to the shape and size of the historic windows and doors, that the meeting rails of storm windows coincide with that of existing sash, and installation is consistent with National Park Service Preservation Briefs #3: *Conserving Energy in Historic Buildings* and #9: *The Repair of Historic Wooden Windows*.
- d) Walls and Siding. Repair of wall or siding material or in-kind replacement of brick, stone, or stucco materials and wood siding consistent with National Park Service Preservation Brief #47, *Maintaining the Exterior of Small and Medium Size Historic Buildings*.
- e) Painted surfaces.
  1. Removal of exterior paint by non-destructive means, limited to hand scraping, low pressure water wash (less than 200 p.s.i.), heat plates or heat guns, or paint-removal chemicals, provided that the removal method is consistent with the provisions of 24 C.F.R. Part 35, “Lead-Based Poisoning Prevention in Certain Residential Structures,” and National Park Service Preservation Briefs #10: *Exterior Paint Problems on Historic*

*Woodwork, and #37: Appropriate Methods for Reducing Lead-Paint Hazards in Historic Housing.*

2. All lead paint abatement that does not involve removal or alteration of exterior features and/or windows.
  3. Application of exterior paint and caulking, other than on previously unpainted masonry.
- f) Porch elements. Minor repair or in-kind replacement of deteriorated porch elements that match existing materials and dimensions, such as columns, flooring, floor joists, ceilings, railing, balusters and balustrades, and lattice, consistent with the provisions of National Park Service Preservation Brief #45: *Preserving Historic Wood Porches* .
  - g) Roofing. Repair or in-kind replacement of roof cladding and sheeting, flashing, gutters, soffits, and downspouts with no change in roof pitch or configuration.
  - h) Awnings. Repair or in-kind replacement of awnings.
  - i) Mechanical systems. Placement and installation of exterior HVAC mechanical units and vents not on the front elevation.
  - j) Basement bulkhead doors. Replacement or repair of basement bulkhead doors and installation of basement bulkhead doors not on the front elevation.
  - k) Lighting. Repair or in-kind replacement of existing light fixtures and installation of additional decorative or security lights.
  - l) Mothballing. Securing or mothballing a property by boarding over window and door openings, making temporary roof repairs, and/or ventilating the building.
  - m) Accessibility Ramps. Temporary ramps that do not irreversibly impact porches or railings.

### **3. Interior Rehabilitation**

- a) Mechanical systems. Installation, replacement or repair of plumbing, HVAC systems and units, electrical wiring and fire protection systems, provided no structural alterations are involved. Included are restroom improvements for handicapped access, provided the work is contained within the existing restroom walls.
- b) Insulation. Installation of non-spray insulation in ceiling and attic spaces.
- c) Basement floor. Installation or repair of concrete basement floor in an existing basement.
- d) Asbestos abatement. Abatement or control of asbestos that does not involve removal or alteration of ornamental features (e.g., plaster molding, cornice, medallion).
- e) Surfaces. Repair or in-kind replacement of interior surface treatment, such as floors, walls, ceilings, plaster and woodwork. If covering historic features, such as wood floors, then carpet or sheet goods (linoleum or vinyl) shall be installed in a reversible manner, either through tacking or with an underlayment so historic floors shall not be irreversibly damaged.
- f) Painted surfaces.
  1. Removal of interior paint by non-destructive means, limited to hand scraping, heat plates or heat guns, or paint-removal chemicals, provided that the removal method is consistent with the provisions of 24 C.F.R. Part 35, "Lead-Based Poisoning Prevention in Certain Residential Structures," and National Park Service Preservation Brief #37: *Appropriate Methods for Reducing Lead-Paint Hazards in Historic Housing.*
  2. All lead paint abatement that does not involve removal or alteration of ornamental features.

## **II. DISCOVERIES AND UNFORESEEN EFFECTS**

If, during the implementation of these programs, a previously unidentified property that may be found eligible for inclusion in the National Register is encountered, or a known National Register historic property may be affected in an unanticipated manner, the Responsible Entity or HUD, as appropriate under Part 58 or Part 50, will assume its responsibilities pursuant to 36 C.F.R. § 800.13(b).

### **III. DISPUTE RESOLUTION**

At any time during the implementation of the measures stipulated in this Agreement, should an objection to any measure or manner of implementation be raised by a signatory, the Responsible Entity or HUD, as appropriate, which is responsible for the Undertaking, shall take the objection into account and consult with the objecting party and the SHPO to resolve the issue.

- A. The respective Responsible Entity or HUD, as appropriate under Part 58 or Part 50, shall represent themselves in all matters of dispute resolution that pertain specifically to this Agreement.
- B. The responsibilities of the signatories to carry out all other actions subject to the terms of this Agreement that are not the subject of the dispute remain unchanged.

### **IV. NOTIFICATION**

Notification or other communication between parties to this Agreement should be made in care of the addresses provided in Exhibit B.

### **V. AMENDMENT**

Any party may request that this Agreement be amended, whereupon HUD and the SHPO will consult with the other parties in accordance with 36 C.F.R. § 800.14(b) to consider an amendment. Amendments will only be considered if made in writing and must be approved in writing by all parties to this Agreement to go in effect.

### **VI. TERMINATION**

Any party to this Agreement may terminate its participation by providing thirty (30) days written notice to all other parties. In the event of termination, the terminating party will comply with 36 C.F.R. §§ 800.3 through 800.6 with respect to individual Undertakings covered by this Agreement. Should a party to this Agreement, other than HUD or the SHPO, choose to terminate its participation in the Agreement, the Agreement will not be nullified for the other parties. Termination by HUD or the SHPO will nullify the Agreement upon all parties.

### **VII. TERM OF THE AGREEMENT**

This Agreement shall continue in force and effect for five (5) years from the date all signatories have signed the Agreement. At any time in the six-month period prior to the Agreement's expiration, the signatories may request that the SHPO extend the Agreement for five (5) additional years, provided the request is made in writing, that there are no substantive modifications, that HUD and the SHPO agree, and that any other signatory wishing to remain party to the Agreement also agrees. Should a party to this Agreement, other than HUD or the

SHPO, choose to not extend its participation in the Agreement, the Agreement will not be nullified for the other parties.

**EXECUTION AND IMPLEMENTATION** of this Agreement evidences that the Responsible Entities and HUD have satisfied their responsibilities under Section 106 for Undertakings as described in this Agreement and funded by the HUD Programs. This Agreement may be executed in counterpart.

**KANSAS STATE HISTORIC PRESERVATION OFFICE**

By: 

Date: July 12, 2022

Name: Patrick Zollner

Title: State Historic Preservation Officer

Signed:

**U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT**

Digitally signed by: DANA BUCKNER

By:  Date: 2022.07.06 09:13:47 -05'00' Date: 7/6/2022

Name: Dana Buckner

Title: Director, Community Planning and Development

Signed:

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

By: Julie Miles Date: 6-27-22

Name: Julie Miles  
Title: Director (Kansas City Hub), Office of Public Housing



Signed:

**U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT**

By: **KENNETH COOPER** Digitally signed by KENNETH COOPER  
DN: CN = KENNETH COOPER C = US O = U.S. Government OU  
= Department of Housing and Urban Development, Office of  
Administration  
Date: 2022.06.14.16:46:56-0500 \_\_\_\_\_ Date: \_\_\_\_\_

Name: Kenneth Cooper

Title: Production Division Director, Southwest Region, Office of Housing

**KANSAS STATE HISTORIC PRESERVATION OFFICE**

By: \_\_\_\_\_ Date: \_\_\_\_\_

Name: Jennie Chin

Title: State Historic Preservation Officer



This document is now complete.

OK

CLOSE

State of Kansas PA Extention FULL.PDF

DocuSign Envelope ID: FA4A6B05-EBFE-4651-A826-5D0F94A316D5

**KANSAS DEPARTMENT OF COMMERCE**

By: David C. Toland Date: 7/5/2022

Name (Print): David C. Toland

Title: Secretary of Commerce



**KANSAS HOUSING RESOURCE CORPORATION**

By:  Date: June 14, 2022

Name (Print): **Ryan Vincent**

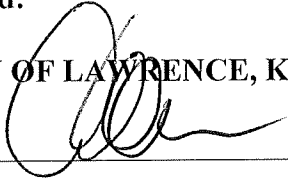
Title: **Executive Director**

The undersigned hereby executes this Counterpart Signature Page to the document titled "Programmatic Agreement Extension Among Certain Kansas Local Governments, the Kansas Department of Commerce, the Kansas Housing Resources Corporation, the U.S. Department of Housing and Urban Development, and the Kansas State Historic Preservation Office for the Review of HUD-Funded Activities" executed by HUD and the Kansas State Historic Preservation Office on or before July 12, 2022.

**Signed:**

**CITY OF LAWRENCE, KANSAS**

By: \_\_\_\_\_



Date: \_\_\_\_\_

6/29/22

Name (Print): Craig S. Owens

Title: City Manager

Signed:

CITY OF LEAVENWORTH, KANSAS

By: Camilla Leonhard

Date: 6/15/2022

Name (Print): Camilla Leonhard

Title: Mayor

**Signed:**

**CITY OF MANHATTAN, KANSAS**

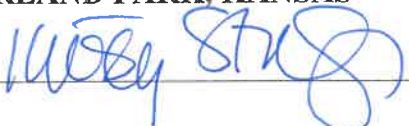
By: *Linda Morse* Date: 06/14/2022

Name (Print): Linda Morse

Title: Mayor

**Signed:**

**CITY OF OVERLAND PARK, KANSAS**

By:  Date: 6 27 22

Name (Print): KRISTY STALLINGS

Title: INTERIM CITY MANAGER



**Signed:**

**CITY OF SHAWNEE, KANSAS**

By:  \_\_\_\_\_ Date: 6-27-22

Name (Print): Michelle Distler

Title: Mayor

Signed:

CITY OF TOPEKA, KANSAS

By:  \_\_\_\_\_ Date: 6/14/2022

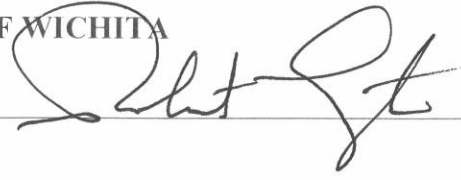
Name (Print): Corrie Wright

Title: Division Director

**Singed:**

**CITY OF WICHITA**

By: \_\_\_\_\_

A handwritten signature in black ink, appearing to read "Robert Layton", written over a horizontal line.

Date: 6-15-22

**Name (Print): Robert Layton**

**Title: City Manager**

Signed:

JOHNSON COUNTY, KANSAS

By: 

Date: 6/24/22

Name (Print): DAVID M. WARD

Title: Director of Housing Services

Signed:

UNIFIED GOVERNMENT OF WYANDOTTE COUNTY AND KANSAS CITY,  
KANSAS

By: *Tyrone A. Garner* Date: *6-23-22*

Name (Print): *TYRONE A. GARNER*

Title: *Mayor / CEO*



# City of Lawrence

PLANNING & DEVELOPMENT SERVICES

1 Riverfront Plaza, Suite 110  
P.O. Box 708  
Lawrence, KS 66044

[www.lawrenceks.org/pds](http://www.lawrenceks.org/pds)

Phone 785-832-7700  
Tdd 785-832-3205  
Fax 785-832-3110

Patrick Zollner  
State Historic Preservation Office  
6425 SW Sixth Avenue  
Topeka, KS 66615-1099

May 2, 2023

**Subject: City of Lawrence - Pedestrian Improvement Project**

Dear Mr. Zollner,

Pursuant to 36 CFR 800 requirements of the National Historic Preservation Act, we are submitting the following project for your review. We are proposing to use Federal HUD CDBG Grant money to fund this project.

The City's Municipal Services and Operations (MSO) Department plans to facilitate the following work:

**Modify existing streets/sidewalks for installation of new pedestrian crossing on Louisiana St just south of the intersection of Louisiana St & W 29<sup>th</sup> Terr.** Work will include removing and replacing sidewalks and curb & gutter on the east and west sides of Louisiana St, construction of sidewalk ramps with integral curb and detectable warning panels, rectangular rapid flashing beacons, and crossing signage on the east and west sides of Louisiana St.

The area is bounded by properties that were platted in 1972, 1982 and an unplatted park to the east. The open space park was dedicated in 1961 and has no contributing historic elements. The structures to the west are religious institutions and were constructed in 1970 and 1973. The church located at 601 W 29<sup>th</sup> Terrace may be eligible for listing in the National Register of Historic Places for its architecture. The proposed project is in the public right of way and will have no adverse effect on any property listed or eligible for listing in the National Register of Historic Places, the Register of Historic Kansas Places, or the Lawrence Register of Historic Places.

**Modify existing streets/sidewalks for installation of new pedestrian crossing on 11<sup>th</sup> St west of the intersection of 11<sup>th</sup> St & New Hampshire St.** Work will include removing and replacing sidewalks at the corner of 11<sup>th</sup> St and New Hampshire St, construction of sidewalk ramps with integral curb and detectable warning panels and rectangular rapid flashing beacons on the north and south sides of 11<sup>th</sup> St.

The proposed project is located in an area that is adjacent to two National Register of Historic Places historic districts and within 250 feet of properties listed in the Lawrence Register of Historic Places. The site is located in the original townsite plat for the City. The area is commercial and the Douglas County Courthouse (listed in the National Register) is located to the southwest. The English Lutheran Church (listed in the National Register) is located to the north east. The right-of-way is improved with concrete sidewalks and paved street. The proposed project will not alter the character-defining street grid pattern or the historic block pattern. Because the project is located in the right-of-way, there will have no adverse effect on any property listed or eligible for listing in the National Register of Historic Places, the Register of Historic Kansas Places, or the Lawrence Register of Historic Places.

**New sidewalk on the east side of Maine St from 6<sup>th</sup> St to 4<sup>th</sup> St.** Work will include removing and replacing concrete sidewalks and construction of new sidewalks and sidewalk ramps on the east side of Maine St from 6<sup>th</sup> St to 4<sup>th</sup> St.

The project site is located in the West Lawrence subdivision platted in 1869 with except a portion that was platted as the Pinckney Addition replat in 2015. The area is adjacent to structures that date from 1899 to 1950. The area is potentially eligible for listing in the National Register of Historic Places. The improvements of a sidewalk in the public right-of-way are consistent with other sidewalks in the area and will have no impact on the historic development pattern of the area. The proposed project will have no adverse effect on any property listed or eligible for listing in the National Register of Historic Places, the Register of Historic Kansas Places, or the Lawrence Register of Historic Places.

**Remove and replace defective sidewalks on Kentucky St from 12<sup>th</sup> St to 19<sup>th</sup> St.** Work will include removing and replacing concrete/brick sidewalks, pavement and sidewalk ramps, and construction of sidewalk ramps and integral sidewalks, retaining walls, and detectable warning panels on the east and west sides of Kentucky St from 12<sup>th</sup> St to 19<sup>th</sup> St.

The project site is located in an area that was platted between 1863 and 1905. The structures in the area date from 1862 to 2018. The area has been evaluated for inclusion in the National Register of Historic Places and would have sufficient integrity for a National Register of Historic Places historic district. A portion of the project site is located in a city urban conservation overlay district. The proposed project is located in the right-of-way. The areas located in the urban conservation overlay district will be repaired or replaced in-kind with brick. The remainder of the project site will have concrete sidewalks. The sidewalks will follow the grid street pattern right-of-way. The character defining brick sidewalks will be repaired or replaced in-kind and the addition or repair of concrete sidewalks will not alter the character-defining features of the potential historic district. The proposed project will have no adverse effect on any property listed or eligible for listing in the National Register of Historic Places, the Register of Historic Kansas Places, or the Lawrence Register of Historic Places.

We anticipate that your review might take approximately two weeks. If you need more information please call me at (785) 832-3113 or email [cdolar@lawrenceks.org](mailto:cdolar@lawrenceks.org) .



We have also submitted this project to the Lawrence/Douglas County Planning Department for review. The Historic Resources Administrator has reviewed the project and writes that she sees no adverse effect on any historic property.

Sincerely,

Caitlyn Dolar  
Housing Initiatives Project Specialist  
Planning & Development Services

Attachments: project map

Cc: Lynne Zollner, Planning

State Historic Preservation Office  
Cultural Resources Division  
6425 SW 6th Avenue  
Topeka KS 66615-1099



785-272-8681  
fax 785-272-8682  
kshs.shpo@ks.gov  
kshs.org

Patrick Zollner, Executive Director

Laura Kelly, Governor

KSR&C # 23-05-036  
June 2, 2023

Caitlyn Dolar  
Housing Initiatives Project Specialist  
City of Lawrence  
Via Email

Re: Pedestrian Improvements, City of Lawrence – Douglas County

The Kansas State Historic Preservation Office (SHPO) has reviewed the materials received May 2, 2023 regarding the above-referenced project in accordance with 36 CFR Part 800. In reviews of this nature, the SHPO determines whether a federally funded, licensed, or permitted project will adversely affect properties that are listed or determined eligible for listing in the National Register of Historic Places. The SHPO has determined that the proposed project will not adversely affect any property listed or determined eligible for listing in the National Register. As far as this office is concerned, the project may proceed.

Thank you for giving us the opportunity to comment on this proposal. Please refer to the Kansas State Review & Compliance number (KSR&C#) listed above on any future correspondence. Please submit any comments or questions regarding this review to Lauren Jones at [lauren.jones@ks.gov](mailto:lauren.jones@ks.gov).

Sincerely,

Patrick Zollner  
State Historic Preservation Officer

Katrina L. Ringler  
Acting Director, Cultural Resources Division  
Deputy State Historic Preservation Officer

## When To Consult With Tribes Under Section 106

Section 106 requires consultation with federally-recognized Indian tribes when a project may affect a historic property of religious and cultural significance to the tribe. Historic properties of religious and cultural significance include: archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places, traditional cultural landscapes, plant and animal communities, and buildings and structures with significant tribal association. The types of activities that may affect historic properties of religious and cultural significance include: ground disturbance (digging), new construction in undeveloped natural areas, introduction of incongruent visual, audible, or atmospheric changes, work on a building with significant tribal association, and transfer, lease or sale of properties of the types listed above.

**If a project includes any of the types of activities below, invite tribes to consult:**

- significant ground disturbance (digging)**  
Examples: new sewer lines, utility lines (above and below ground), foundations, footings, grading, access roads
- new construction in undeveloped natural areas**  
Examples: industrial-scale energy facilities, transmission lines, pipelines, or new recreational facilities, in undeveloped natural areas like mountaintops, canyons, islands, forests, native grasslands, etc., and housing, commercial, and industrial facilities in such areas
- incongruent visual changes**  
Examples: construction of a focal point that is out of character with the surrounding natural area, impairment of the vista or viewshed from an observation point in the natural landscape, or impairment of the recognized historic scenic qualities of an area
- incongruent audible changes**  
Examples: increase in noise levels above an acceptable standard in areas known for their quiet, contemplative experience
- incongruent atmospheric changes**  
Examples: introduction of lights that create skyglow in an area with a dark night sky
- work on a building with significant tribal association**  
Examples: rehabilitation, demolition or removal of a surviving ancient tribal structure or village, or a building or structure that there is reason to believe was the location of a significant tribal event, home of an important person, or that served as a tribal school or community hall
- transfer, lease or sale of a historic property of religious and cultural significance**  
Example: transfer, lease or sale of properties that contain archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, plant and animal communities, or buildings and structures with significant tribal association
- None of the above apply**

Pedestrian Improvement Project - Maine Street

**Project**

Caitlyn Dolar

**Reviewed By**

**Date**

Results from Query

Tribal Name	First Name	Last Name	Title	Street Address	City	State	Zip-Code	Work Phone	Fax Number	Cell Phone	Email	THPO	URL	County	State Name
Osage Nation	Andrea A.	Hunter	Director and THPO	827 Grandview Avenue	Pawhuska	OK	74656	(918) 287-5328	(918) 287-5376		ahunter@osagenation-nsn.gov	Y	http://www.osagenation-nsn.gov/	Douglas	Kansas
Osage Nation	Geoffrey	Standing Bear	Principal Chief	PO Box 779	Pawhuska	OK	74656	(918) 287-5555	(918) 287-5562		gsstandingbear@osagenation-nsn.gov	N	http://www.osagenation-nsn.gov/	Douglas	Kansas
Seneca-Cayuga Nation	William	Fisher	Chief	PO Box 453220	Grove	OK	74345-3220	(918) 787-5452	(918) 542-5521		wfisher@scribe.com	N	http://www.scribe.com/	Douglas	Kansas
Seneca-Cayuga Nation	William	Tarrant	THPO	PO Box 453220	Grove	OK	74345	(918) 787-5452 ext	(918) 787-9440		warrant@scribe.com	Y	http://www.scribe.com/	Douglas	Kansas
Wichita and Affiliated Tribes (Wichita, Keechi, Waco)	Terri	Partron	President	PO Box 729	Anadarko	OK	73005	(405) 247-2425	(405) 247-2430		Terri.Partron@wichtantribe.com	N	http://www.wichtantribe.com/	Douglas	Kansas
Wichita and Affiliated Tribes (Wichita, Keechi, Waco)	Gary	McAdams	THPO	Wichita and Affiliated Tribes P	Anadarko	OK	73005	(405) 247-8099 ext. 200			gary.mcadams@wichtantribe.com	Y	http://www.wichtantribe.com/	Douglas	Kansas
Delaware Tribe of Indians	Larry	Heady	THPO	125 Dove Lane	Grants Pass	OR	97527	(262) 825-7586			lheady@delawaretribes.org	Y	www.delawaretribes.org	Douglas	Kansas
Delaware Nation, Oklahoma	Deborah	Dutton	President	PO Box 825	Anadarko	OK	73005	(405) 247-2448	(405) 247-9393		ddutton@delawarenation-nsn.gov	Y	www.delawarenation.com	Douglas	Kansas
Cheyenne and Arapaho Tribes, Oklahoma	Raggle	Wissani	Governor	P.O. Box 38	Concho	OK	73022	(800) 422-8224	(405) 422-8224		rwissani@ca-tribes.org	N	www.ca-tribes.org	Douglas	Kansas
Cheyenne and Arapaho Tribes, Oklahoma	Max	Bear	THPO	700 Black Kettle Blvd	Concho	OK	73022	(405) 422-7415	(405) 422-7715		mbear@ca-tribes.org	Y	www.ca-tribes.org	Douglas	Kansas
Delaware Nation, Oklahoma	Erin	Paden	Director of Historic	PO Box 825	Anadarko	OK	73005	(405) 247-2448	(405) 247-9393		epaden@delawarenation.com	N	www.delawarenation.com	Douglas	Kansas
Little Traverse Bay Bands of Odawa Indians, Michigan	Regina	Guico Bentley	Chairperson	7500 Odawa Circle	Harbor Springs	MI	49740	(231) 242-1418	(231) 242-1411		tribeadmin@lbbodawa-nsn.gov	N	www.lbbodawa-nsn.gov	Douglas	Kansas
Little Traverse Bay Bands of Odawa Indians, Michigan	Melissa	Wiatolik	THPO	7500 Odawa Circle	Harbor Springs	MI	49740	(231) 242-1408	(231) 242-1416		MWiatolik@lbbodawa-nsn.gov	Y	www.lbbodawa-nsn.gov	Douglas	Kansas
Eastern Shawnee Tribe of Oklahoma	Glenn	Barton	THPO	PO Box 350	Seneca	MO	64865	(918) 666-2435	(918) 666-2186		gwallace@estoo.net	N	www.estoo-nsn.gov	Douglas	Kansas
Eastern Shawnee Tribe of Oklahoma	Paul	Barton	THPO/Director of C	270501 E. 122 Road	Wyanadette	OK	74170-3448	(918) 288-5155 ext	(918) 533-4006		pbarton@estoo.net	Y	www.estoo-nsn.gov	Douglas	Kansas
Delaware Tribe of Indians	Brad	Kilicrow	Chief	5100 Lueldo Boulevard	Barlowville	OK	74006	(918) 337-6590	(918) 337-6591		bkilicrow@delawaretribes.org	N	www.delawaretribes.org	Douglas	Kansas
Delaware Tribe of Indians	Susan	Bachar	Private/Notion Repre	126 University Circle	East Stroudsburg	PA	18261	(610) 763-7452			sbachar@delawaretribes.org	N	www.delawaretribes.org	Douglas	Kansas
Prairie Band Potawatomi Nation	Raphael	Wahwassuck	THPO	16281 Q Road	Mayetta	KS	66509	(785) 966-4048	(785) 966-4009		raphaelwahwassuck@pbpnation.org	Y	http://www.pbpdiantribe.com/	Douglas	Kansas
Absentee-Shawnee Tribe of Indians of Oklahoma	John	Johnson	Governor	2025 South Gordon Cooper Dr	Shawnee	OK	74801	(405) 275-4030	(405) 878-4543		johnson@astribes.com	N	www.astribes.com	Douglas	Kansas
Absentee-Shawnee Tribe of Indians of Oklahoma	Owyn	Fraser	THPO	2025 South Gordon Cooper Dr	Shawnee	OK	74801	(405) 275-4030 ext	5243		1004@KPKA@astribes.com	Y	www.astribes.com	Douglas	Kansas
Prairie Band Potawatomi Nation	Joseph	Rupick	Chairperson	16281 Q Road	Mayetta	KS	66509	(785) 966-4007	(785) 966-4009		josephrupick@pbpnation.org	N	http://www.pbpdiantribe.com/	Douglas	Kansas

Today

- Terri.Parton@wichita... 4:40 PM  
Consultation Invitation - Pe...  
Please see the attached
- wfisher@sctribe.com;... 4:38 PM  
Consultation Invitation - Pe...  
Please see the attached
- raphaelwahwassuck... 4:37 PM  
Consultation Invitation - Pe...  
Please see the attached
- tribalchair@ltbboda... 4:31 PM  
Consultation Invitation - Pe...  
Please see the attached
- gwallace@estoo.net; ... 4:30 PM  
Consultation Invitation - Pe...  
Please see the attached
- 'lheady@delawaretri... 4:28 PM  
Consultation Invitation - Pe...  
Please see the attached
- ddotson@delawaren... 4:26 PM  
Consultation Invitation - Pe...  
Please see the attached
- rwassana@c-a-tribes... 4:23 PM  
Consultation Invitation - Pe...  
Please see the attached
- jjohnson@astribe.co... 4:19 PM  
Consultation Invitation - Pe...  
Please see the attached
- Danelle Walters 3:26 PM  
RE: public notice  
Hi! It will publish tomorrow-
- ahunter@osagenatio... 3:20 PM  
Consultation Invitation - Pe...  
Please see the attached



Mon 2/6/2023 3:20 PM

Caitlyn Dolar

Consultation Invitation - Pedestrian Improvement Projects, Lawrence, KS

To ahunter@osagenation-nsn.gov; s106@osagenation-nsn.gov



Please see the attached request for consultation for pedestrian improvement projects in Lawrence, KS funded by Federal CDBG dollars.

Thank you,

Caitlyn Dolar, Housing Initiatives Project Specialist

[cdolar@lawrenceks.org](mailto:cdolar@lawrenceks.org)

City of Lawrence - Planning & Development Services

Housing Initiatives Division

1 Riverfront Plaza, Ste 320, Lawrence, KS 66044

phone (785) 832-3113 fax (785) 832-3110

[www.lawrenceks.org/pds](http://www.lawrenceks.org/pds)



City of Lawrence

PLANNING & DEVELOPMENT SERVICES

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# City of Lawrence

PLANNING & DEVELOPMENT SERVICES

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P.O. Box 708  
Lawrence, KS 66044

[www.lawrenceks.org/pds](http://www.lawrenceks.org/pds)

Phone 785-832-7700  
Tdd 785-832-3205  
Fax 785-832-3110

February 1, 2023

Absentee Shawnee Tribe of Indians of Oklahoma  
John Johnson, Governor  
Devon Frazier, THPO  
2025 South Gordon Cooper Drive  
Shawnee, OK, 74801

Re: CDBG-funded pedestrian improvement projects at Louisiana Street and West 29<sup>th</sup> Terrace, 11<sup>th</sup> Street and New Hampshire Street, Maine Street from 6<sup>th</sup> Street to 4<sup>th</sup> Street, and Kentucky Street from 12<sup>th</sup> Street to 19<sup>th</sup> Street, in Lawrence, Kansas.

Dear Absentee Shawnee Tribe of Indians of Oklahoma:

The City of Lawrence is considering funding the pedestrian improvement projects listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the City of Lawrence has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

The City of Lawrence will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

To meet project timeframes, if you would like to be a consulting party on this project, can you please let us know of your interest within 30 days? If you have any initial concerns with impacts of the project on religious or cultural properties, can you please note them in your response? You can respond via email at [dwalters@lawrenceks.org](mailto:dwalters@lawrenceks.org). If you could also let us know if you do not wish to consult we would appreciate it.



Enclosed is a map that shows the project area and, if applicable, any additional areas of potential indirect effects. The project will utilize Community Development Block Grant (CDBG) funds for the following pedestrian improvements:

- **Modify existing streets/sidewalks for installation of new pedestrian crossing on Louisiana St just south of the intersection of Louisiana St & W 29<sup>th</sup> Terr.** Work will include removing and replacing sidewalks and curb & gutter on the east and west sides of Louisiana St, construction of sidewalk ramps with integral curb and detectable warning panels, rectangular rapid flashing beacons, and crossing signage on the east and west sides of Louisiana St.

- **Modify existing streets/sidewalks for installation of new pedestrian crossing on 11<sup>th</sup> St west of the intersection of 11<sup>th</sup> St & New Hampshire St.** Work will include removing and replacing sidewalks at the corner of 11<sup>th</sup> St and New Hampshire St, construction of sidewalk ramps with integral curb and detectable warning panels and rectangular rapid flashing beacons on the north and south sides of 11<sup>th</sup> St.

- **New sidewalk on the east side of Maine St from 6<sup>th</sup> St to 4<sup>th</sup> St.** Work will include removing and replacing concrete sidewalks and construction of new sidewalks and sidewalk ramps on the east side of Maine St from 6<sup>th</sup> St to 4<sup>th</sup> St.

- **Remove and replace defective sidewalks on Kentucky St from 12<sup>th</sup> St to 19<sup>th</sup> St.** Work will include removing and replacing concrete/brick sidewalks, pavement and sidewalk ramps, and construction of sidewalk ramps and integral sidewalks, retaining walls, and detectable warning panels on the east and west sides of Kentucky St from 12<sup>th</sup> St to 19<sup>th</sup> St.

All proposed improvements are located in developed areas with existing infrastructure.

More information on the Section 106 review process is available at <http://www.onecpd.info/environmental-review/historic-preservation/>.

HUD's process for tribal consultation under Section 106 is described in a Notice available at <https://www.onecpd.info/resource/2448/notice-cpd-12-006-tribal-consultation-under-24-cfr-part-58>.

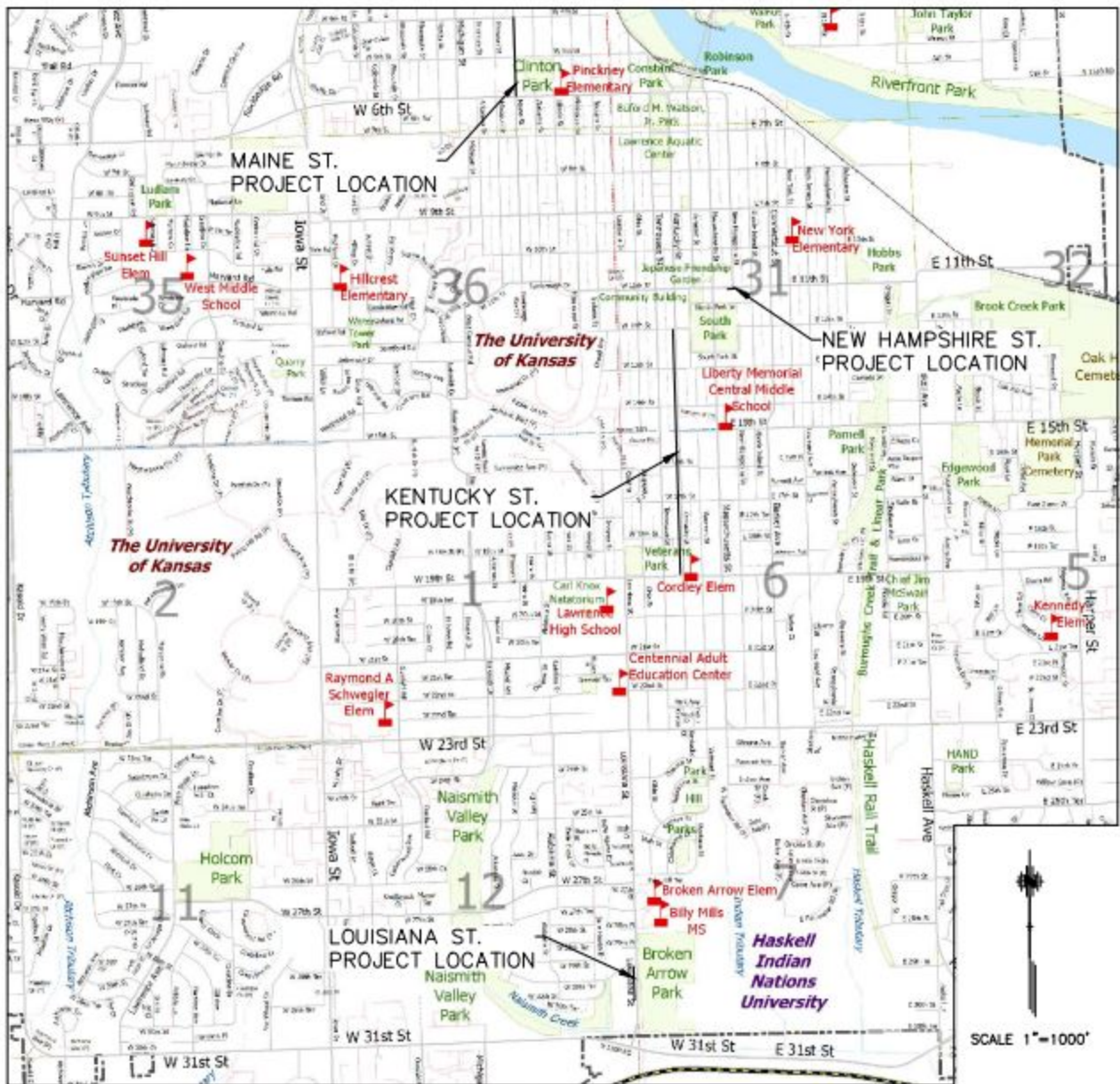
Thank you very much. We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your tribe that may be affected by this project.

Sincerely,



Danelle Walters  
Housing Initiatives Manager  
Planning & Development Services  
785-832-3108 fax 785-832-3110  
Email: [dwalters@lawrenceks.org](mailto:dwalters@lawrenceks.org)





PROJECT LOCATED IN THE S. 1/2 OF SECTION 1, TOWNSHIP 13 SOUTH, RANGE 19 EAST



# City of Lawrence

PLANNING & DEVELOPMENT SERVICES

1 Riverfront Plaza, Suite 320  
P.O. Box 708  
Lawrence, KS 66044

[www.lawrenceks.org/pds](http://www.lawrenceks.org/pds)

Phone 785-832-7700  
Tdd 785-832-3205  
Fax 785-832-3110

February 1, 2023

Cheyenne and Arapaho Tribes, Oklahoma  
Reggie Wassana, Governor  
Max Bear, THPO  
700 Black Kettle Blvd  
Concho, OK, 73022

Re: CDBG-funded pedestrian improvement projects at Louisiana Street and West 29<sup>th</sup> Terrace, 11<sup>th</sup> Street and New Hampshire Street, Maine Street from 6<sup>th</sup> Street to 4<sup>th</sup> Street, and Kentucky Street from 12<sup>th</sup> Street to 19<sup>th</sup> Street, in Lawrence, Kansas.

Dear Cheyenne and Arapaho Tribes, Oklahoma:

The City of Lawrence is considering funding the pedestrian improvement projects listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the City of Lawrence has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

The City of Lawrence will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

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Enclosed is a map that shows the project area and, if applicable, any additional areas of potential indirect effects. The project will utilize Community Development Block Grant (CDBG) funds for the following pedestrian improvements:

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- **New sidewalk on the east side of Maine St from 6<sup>th</sup> St to 4<sup>th</sup> St.** Work will include removing and replacing concrete sidewalks and construction of new sidewalks and sidewalk ramps on the east side of Maine St from 6<sup>th</sup> St to 4<sup>th</sup> St.

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All proposed improvements are located in developed areas with existing infrastructure.

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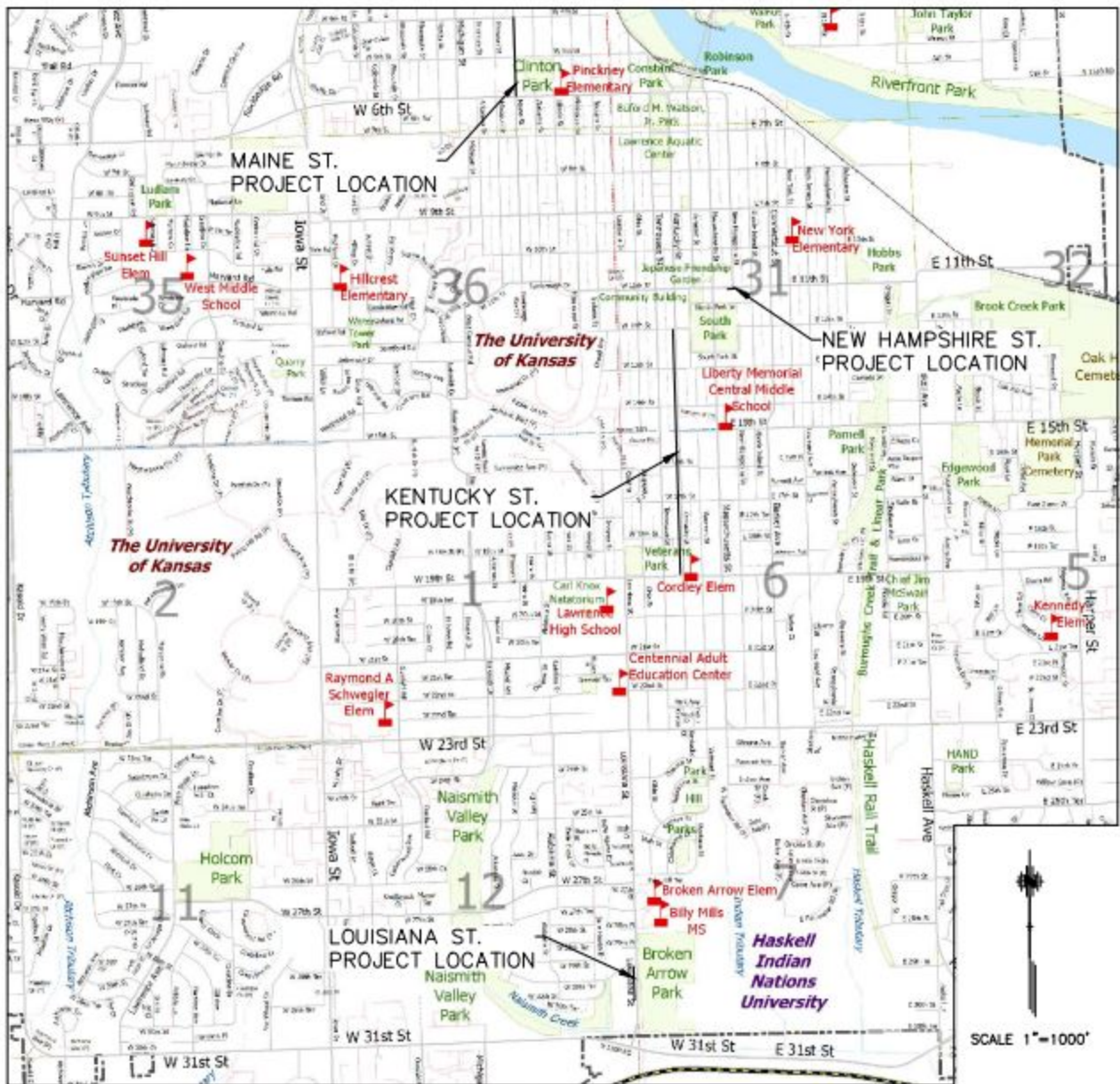
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Housing Initiatives Manager  
Planning & Development Services  
785-832-3108 fax 785-832-3110  
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PROJECT LOCATED IN THE S. 1/2 OF SECTION 1, TOWNSHIP 13 SOUTH, RANGE 19 EAST



# City of Lawrence

PLANNING & DEVELOPMENT SERVICES

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Phone 785-832-7700  
Tdd 785-832-3205  
Fax 785-832-3110

February 1, 2023

Delaware Nation, Oklahoma  
Deborah Dotson, President  
Erin Paden, Director of Historic Preservation  
PO Box 825  
Anadarko, OK 73005

Re: CDBG-funded pedestrian improvement projects at Louisiana Street and West 29<sup>th</sup> Terrace, 11<sup>th</sup> Street and New Hampshire Street, Maine Street from 6<sup>th</sup> Street to 4<sup>th</sup> Street, and Kentucky Street from 12<sup>th</sup> Street to 19<sup>th</sup> Street, in Lawrence, Kansas.

Dear Delaware Nation, Oklahoma:

The City of Lawrence is considering funding the pedestrian improvement projects listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the City of Lawrence has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

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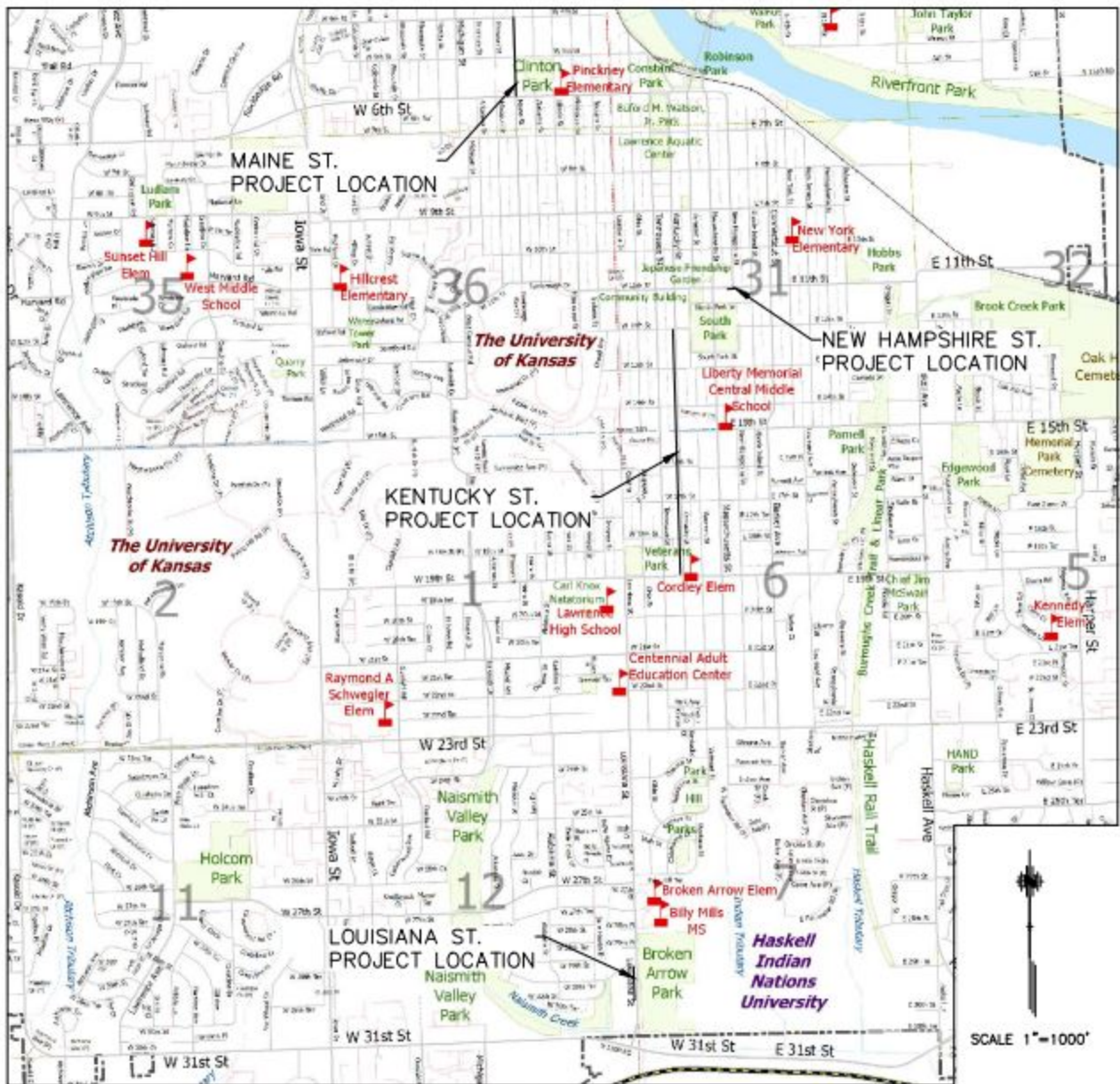
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PROJECT LOCATED IN THE S. 1/2 OF SECTION 1, TOWNSHIP 13 SOUTH, RANGE 19 EAST





# City of Lawrence

PLANNING & DEVELOPMENT SERVICES

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February 1, 2023

Delaware Tribe of Indians  
Chief Brad Killscrow  
Larry Heady, THPO  
Susan Bachor, Preservation Representative  
5100 Tuxedo Blvd  
Bartlesville, OK 74006

Re: CDBG-funded pedestrian improvement projects at Louisiana Street and West 29<sup>th</sup> Terrace, 11<sup>th</sup> Street and New Hampshire Street, Maine Street from 6<sup>th</sup> Street to 4<sup>th</sup> Street, and Kentucky Street from 12<sup>th</sup> Street to 19<sup>th</sup> Street, in Lawrence, Kansas.

Dear Delaware Tribe of Indians:

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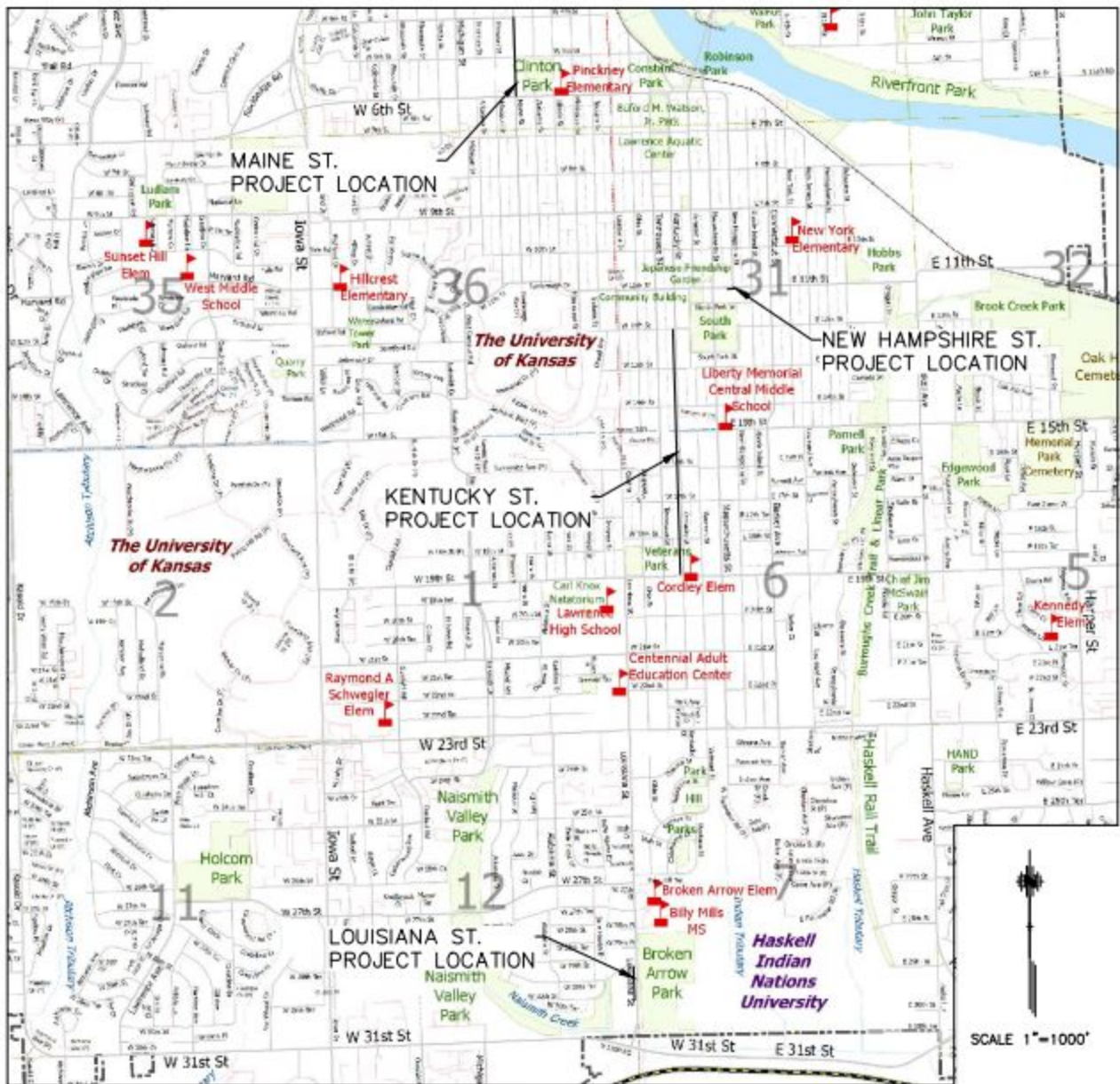
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Planning & Development Services  
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PROJECT LOCATED IN THE S. 1/2 OF SECTION 1, TOWNSHIP 13 SOUTH, RANGE 19 EAST



# City of Lawrence

PLANNING & DEVELOPMENT SERVICES

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Phone 785-832-7700  
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February 1, 2023

Eastern Shawnee Tribe of Oklahoma  
Chief Glenna Wallace  
Paul Barton, THPO  
PO Box 350  
Seneca, MO 64865

Re: CDBG-funded pedestrian improvement projects at Louisiana Street and West 29<sup>th</sup> Terrace, 11<sup>th</sup> Street and New Hampshire Street, Maine Street from 6<sup>th</sup> Street to 4<sup>th</sup> Street, and Kentucky Street from 12<sup>th</sup> Street to 19<sup>th</sup> Street, in Lawrence, Kansas.

Dear Eastern Shawnee Tribe of Oklahoma:

The City of Lawrence is considering funding the pedestrian improvement projects listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the City of Lawrence has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

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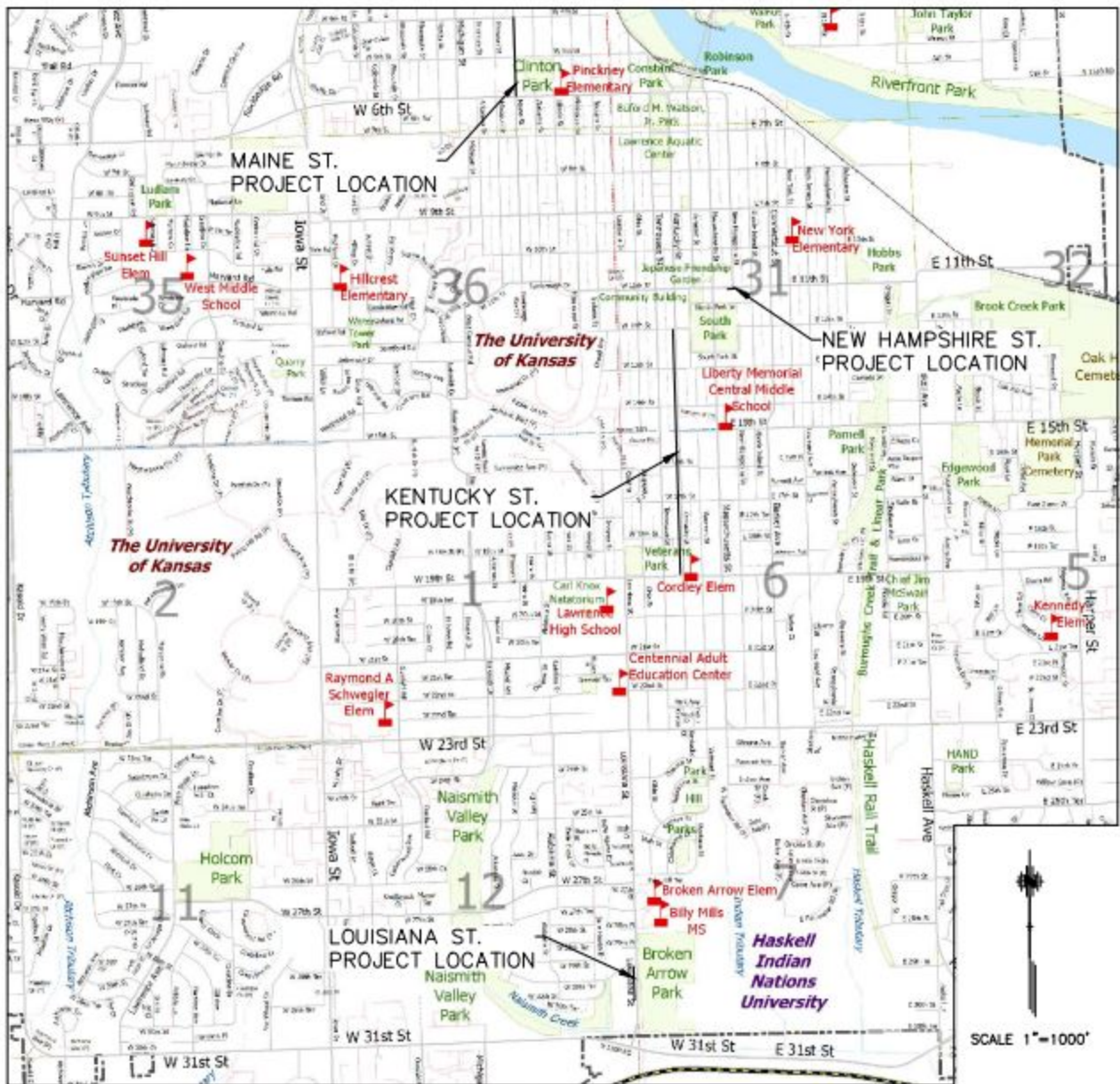
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Planning & Development Services  
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PROJECT LOCATED IN THE S. 1/2 OF SECTION 1, TOWNSHIP 13 SOUTH, RANGE 19 EAST



# City of Lawrence

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February 1, 2023

Little Traverse Bay Bands of Odawa Indians, Michigan  
Regina Gasco-Bentley, Chairperson  
Melissa Wiatrolik, THPO  
7500 Odawa Circle  
Harbor Springs, MI 49740

Re: CDBG-funded pedestrian improvement projects at Louisiana Street and West 29<sup>th</sup> Terrace, 11<sup>th</sup> Street and New Hampshire Street, Maine Street from 6<sup>th</sup> Street to 4<sup>th</sup> Street, and Kentucky Street from 12<sup>th</sup> Street to 19<sup>th</sup> Street, in Lawrence, Kansas.

Dear Little Traverse Bay Bands of Odawa Indians, Michigan:

The City of Lawrence is considering funding the pedestrian improvement projects listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the City of Lawrence has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

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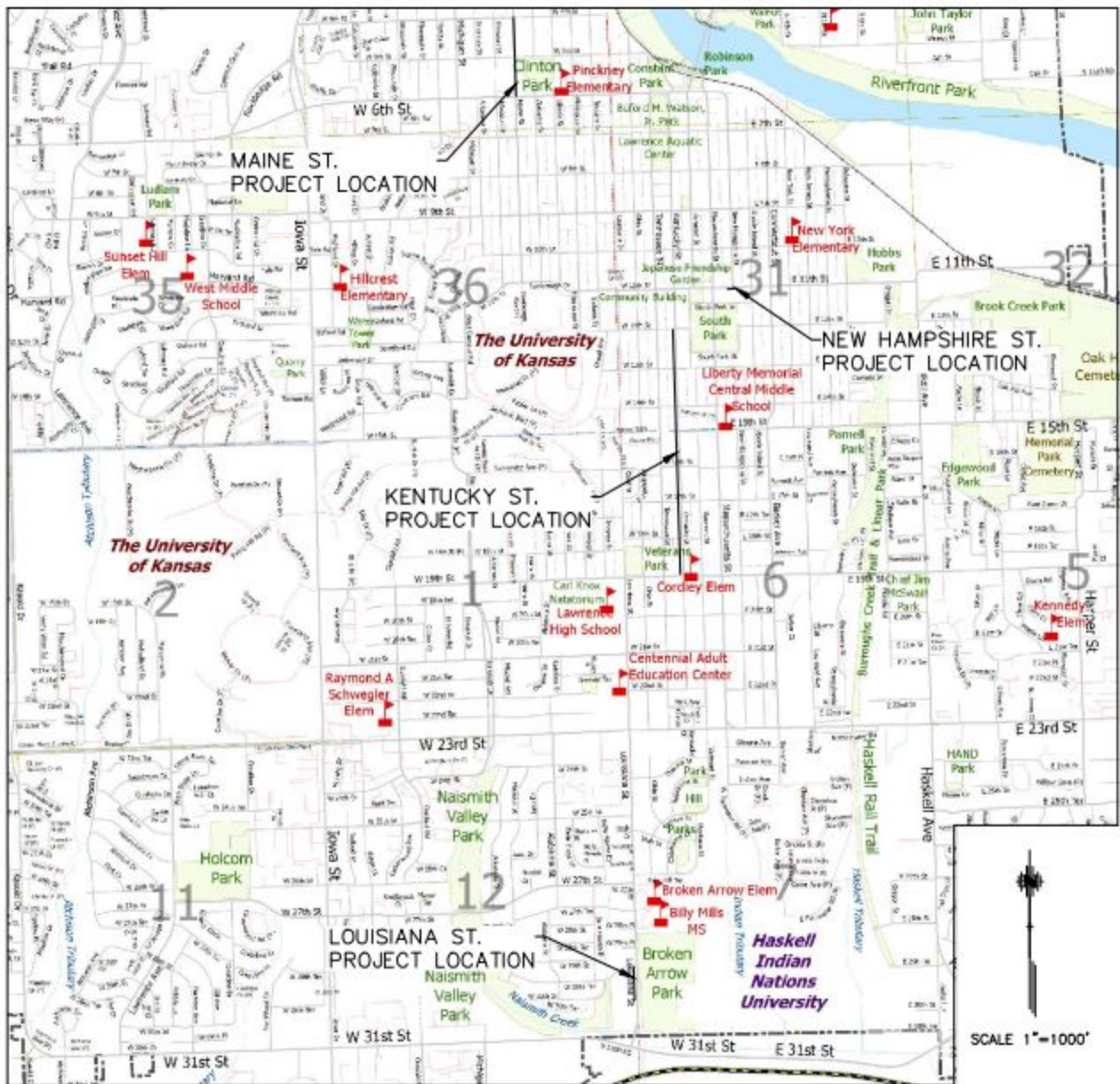
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PROJECT LOCATED IN THE S. 1/2 OF SECTION 1, TOWNSHIP 13 SOUTH, RANGE 19 EAST



# City of Lawrence

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February 1, 2023

Osage Nation  
Principal Chief Geoffrey Standing Bear  
Andrea A. Hunter, Director/THPO  
627 Grandview Avenue  
Pawhuska, OK 74056

Re: CDBG-funded pedestrian improvement projects at Louisiana Street and West 29<sup>th</sup> Terrace, 11<sup>th</sup> Street and New Hampshire Street, Maine Street from 6<sup>th</sup> Street to 4<sup>th</sup> Street, and Kentucky Street from 12<sup>th</sup> Street to 19<sup>th</sup> Street, in Lawrence, Kansas.

Dear Osage Nation:

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- **Remove and replace defective sidewalks on Kentucky St from 12<sup>th</sup> St to 19<sup>th</sup> St.** Work will include removing and replacing concrete/brick sidewalks, pavement and sidewalk ramps, and construction of sidewalk ramps and integral sidewalks, retaining walls, and detectable warning panels on the east and west sides of Kentucky St from 12<sup>th</sup> St to 19<sup>th</sup> St.

All proposed improvements are located in developed areas with existing infrastructure.

More information on the Section 106 review process is available at <http://www.onecpd.info/environmental-review/historic-preservation/>.

HUD's process for tribal consultation under Section 106 is described in a Notice available at <https://www.onecpd.info/resource/2448/notice-cpd-12-006-tribal-consultation-under-24-cfr-part-58>.

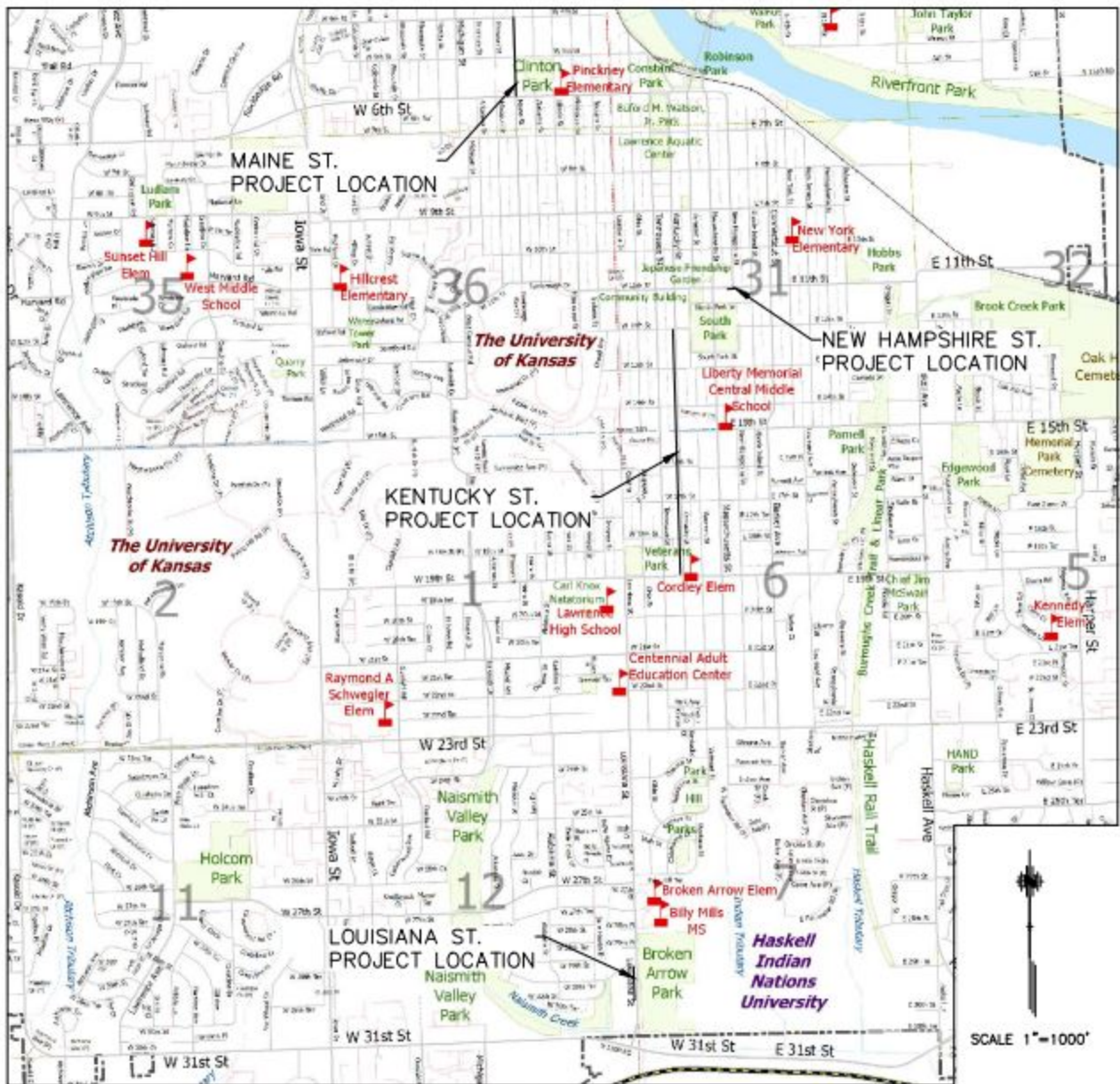
Thank you very much. We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your tribe that may be affected by this project.

Sincerely,



Danelle Walters  
Housing Initiatives Manager  
Planning & Development Services  
785-832-3108 fax 785-832-3110  
Email: [dwalters@lawrenceks.org](mailto:dwalters@lawrenceks.org)





PROJECT LOCATED IN THE S. 1/2 OF SECTION 1, TOWNSHIP 13 SOUTH, RANGE 19 EAST



# City of Lawrence

PLANNING & DEVELOPMENT SERVICES

1 Riverfront Plaza, Suite 320  
P.O. Box 708  
Lawrence, KS 66044

[www.lawrenceks.org/pds](http://www.lawrenceks.org/pds)

Phone 785-832-7700  
Tdd 785-832-3205  
Fax 785-832-3110

February 1, 2023

Prairie Band Potawatomi Nation  
Joseph Rupnick, Chairperson  
Raphael Wahwassuck, THPO  
16281 Q Road  
Mayetta, KS 66509

Re: CDBG-funded pedestrian improvement projects at Louisiana Street and West 29<sup>th</sup> Terrace, 11<sup>th</sup> Street and New Hampshire Street, Maine Street from 6<sup>th</sup> Street to 4<sup>th</sup> Street, and Kentucky Street from 12<sup>th</sup> Street to 19<sup>th</sup> Street, in Lawrence, Kansas.

Dear Prairie Band Potawatomi Nation:

The City of Lawrence is considering funding the pedestrian improvement projects listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the City of Lawrence has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

The City of Lawrence will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

To meet project timeframes, if you would like to be a consulting party on this project, can you please let us know of your interest within 30 days? If you have any initial concerns with impacts of the project on religious or cultural properties, can you please note them in your response? You can respond via email at [dwalters@lawrenceks.org](mailto:dwalters@lawrenceks.org). If you could also let us know if you do not wish to consult we would appreciate it.



Enclosed is a map that shows the project area and, if applicable, any additional areas of potential indirect effects. The project will utilize Community Development Block Grant (CDBG) funds for the following pedestrian improvements:

- **Modify existing streets/sidewalks for installation of new pedestrian crossing on Louisiana St just south of the intersection of Louisiana St & W 29<sup>th</sup> Terr.** Work will include removing and replacing sidewalks and curb & gutter on the east and west sides of Louisiana St, construction of sidewalk ramps with integral curb and detectable warning panels, rectangular rapid flashing beacons, and crossing signage on the east and west sides of Louisiana St.

- **Modify existing streets/sidewalks for installation of new pedestrian crossing on 11<sup>th</sup> St west of the intersection of 11<sup>th</sup> St & New Hampshire St.** Work will include removing and replacing sidewalks at the corner of 11<sup>th</sup> St and New Hampshire St, construction of sidewalk ramps with integral curb and detectable warning panels and rectangular rapid flashing beacons on the north and south sides of 11<sup>th</sup> St.

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All proposed improvements are located in developed areas with existing infrastructure.

More information on the Section 106 review process is available at <http://www.onecpd.info/environmental-review/historic-preservation/>.

HUD's process for tribal consultation under Section 106 is described in a Notice available at <https://www.onecpd.info/resource/2448/notice-cpd-12-006-tribal-consultation-under-24-cfr-part-58>.

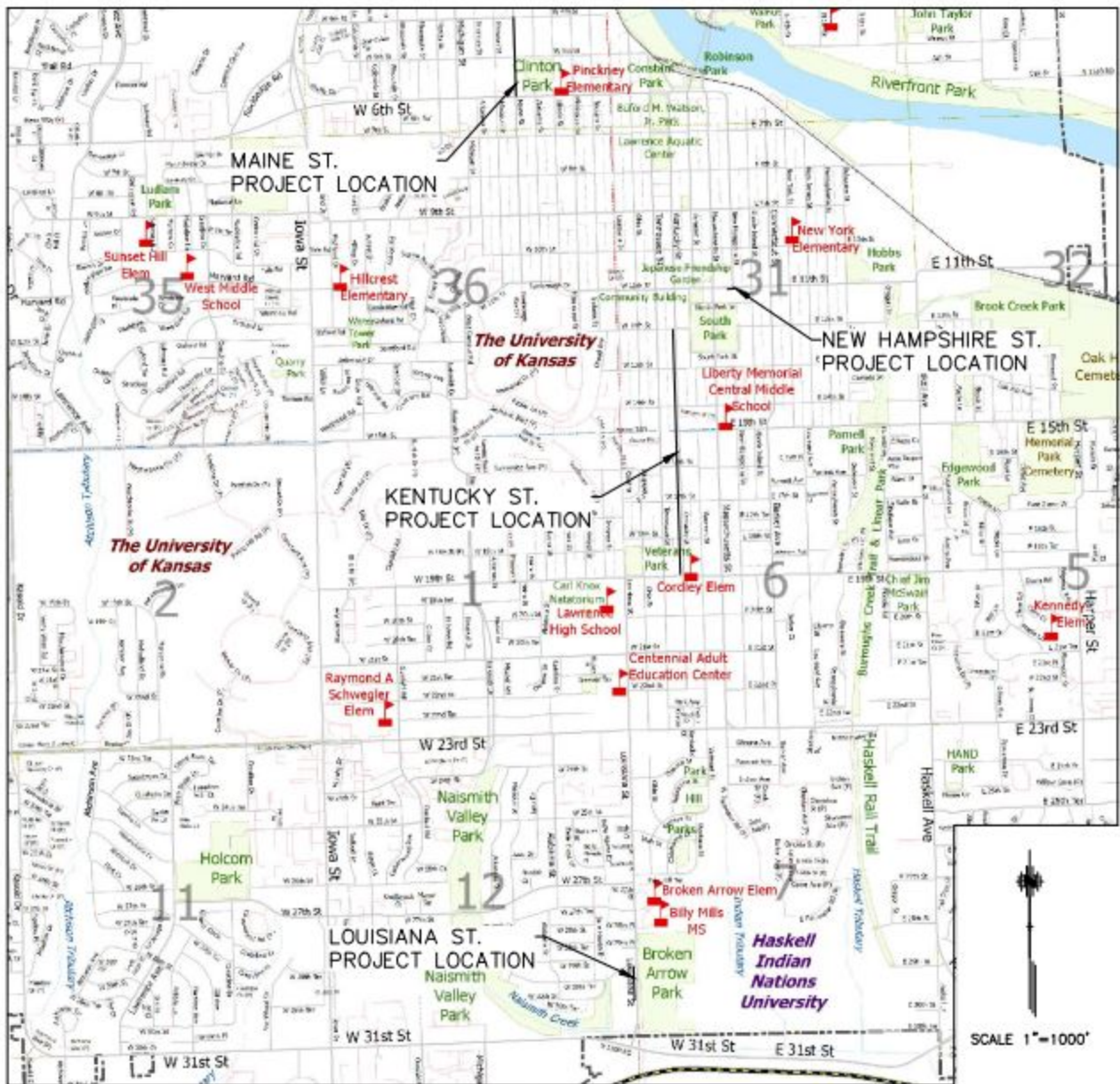
Thank you very much. We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your tribe that may be affected by this project.

Sincerely,



Danelle Walters  
Housing Initiatives Manager  
Planning & Development Services  
785-832-3108 fax 785-832-3110  
Email: [dwalters@lawrenceks.org](mailto:dwalters@lawrenceks.org)





PROJECT LOCATED IN THE S. 1/2 OF SECTION 1, TOWNSHIP 13 SOUTH, RANGE 19 EAST



# City of Lawrence

PLANNING & DEVELOPMENT SERVICES

1 Riverfront Plaza, Suite 320  
P.O. Box 708  
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[www.lawrenceks.org/pds](http://www.lawrenceks.org/pds)

Phone 785-832-7700  
Tdd 785-832-3205  
Fax 785-832-3110

February 1, 2023

Seneca-Cayuga Nation  
Chief William Fisher  
William Tarrant, THPO  
PO Box 453220  
Grove, OK 74345-3220

Re: CDBG-funded pedestrian improvement projects at Louisiana Street and West 29<sup>th</sup> Terrace, 11<sup>th</sup> Street and New Hampshire Street, Maine Street from 6<sup>th</sup> Street to 4<sup>th</sup> Street, and Kentucky Street from 12<sup>th</sup> Street to 19<sup>th</sup> Street, in Lawrence, Kansas.

Dear Seneca-Cayuga Nation:

The City of Lawrence is considering funding the pedestrian improvement projects listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the City of Lawrence has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

The City of Lawrence will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

To meet project timeframes, if you would like to be a consulting party on this project, can you please let us know of your interest within 30 days? If you have any initial concerns with impacts of the project on religious or cultural properties, can you please note them in your response? You can respond via email at [dwalters@lawrenceks.org](mailto:dwalters@lawrenceks.org). If you could also let us know if you do not wish to consult we would appreciate it.



Enclosed is a map that shows the project area and, if applicable, any additional areas of potential indirect effects. The project will utilize Community Development Block Grant (CDBG) funds for the following pedestrian improvements:

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All proposed improvements are located in developed areas with existing infrastructure.

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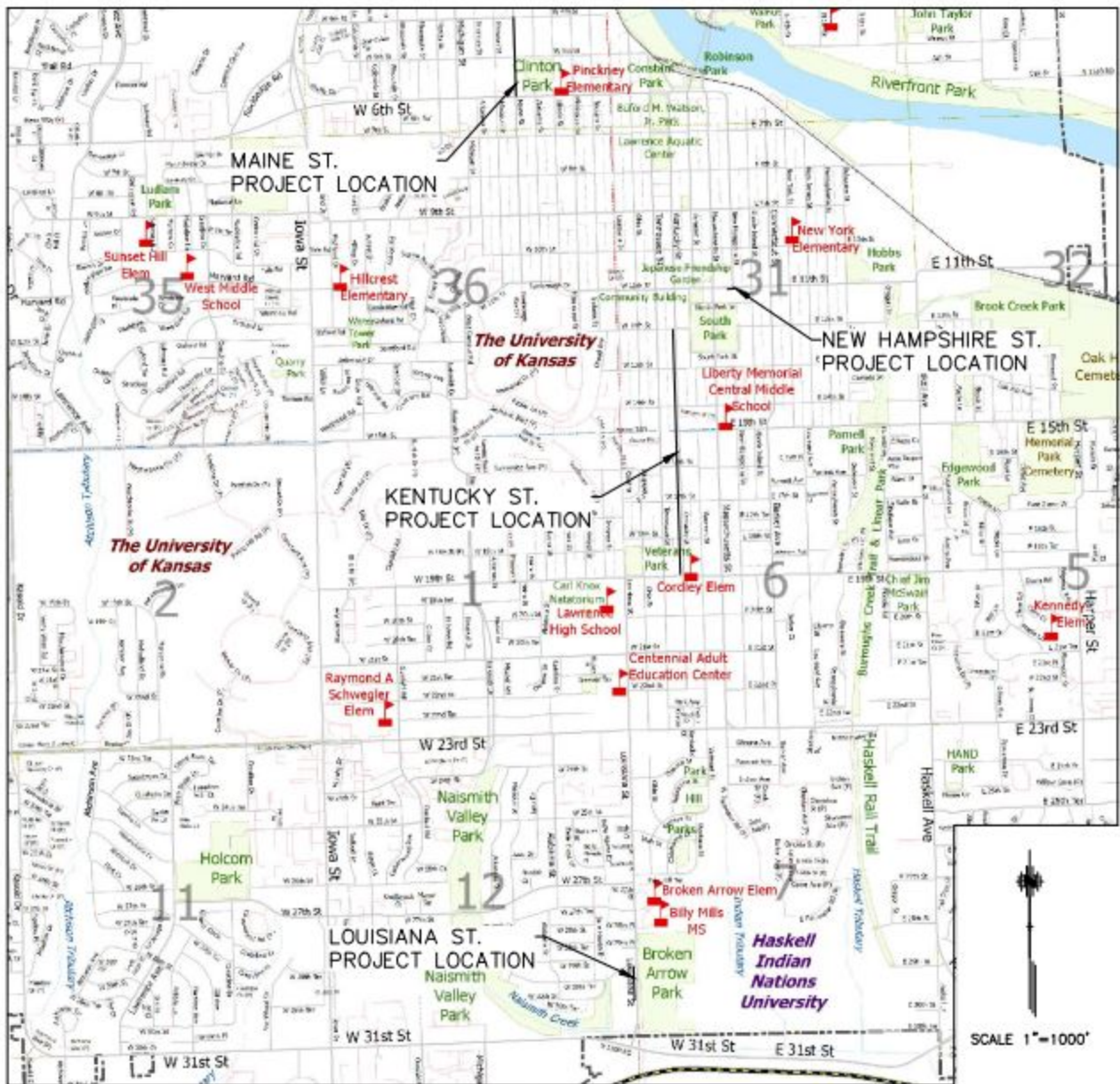
Thank you very much. We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your tribe that may be affected by this project.

Sincerely,



Danelle Walters  
Housing Initiatives Manager  
Planning & Development Services  
785-832-3108 fax 785-832-3110  
Email: [dwalters@lawrenceks.org](mailto:dwalters@lawrenceks.org)





PROJECT LOCATED IN THE S. 1/2 OF SECTION 1, TOWNSHIP 13 SOUTH, RANGE 19 EAST



# City of Lawrence

PLANNING & DEVELOPMENT SERVICES

1 Riverfront Plaza, Suite 320  
P.O. Box 708  
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[www.lawrenceks.org/pds](http://www.lawrenceks.org/pds)

Phone 785-832-7700  
Tdd 785-832-3205  
Fax 785-832-3110

February 1, 2023

Wichita and Affiliated Tribes (Wichita, Keechi, Waco, and Tawakonie) Oklahoma  
Terri Parton, President  
Gary McAdams, THPO  
PO Box 729  
Anadarko, OK 73005

Re: CDBG-funded pedestrian improvement projects at Louisiana Street and West 29<sup>th</sup> Terrace, 11<sup>th</sup> Street and New Hampshire Street, Maine Street from 6<sup>th</sup> Street to 4<sup>th</sup> Street, and Kentucky Street from 12<sup>th</sup> Street to 19<sup>th</sup> Street, in Lawrence, Kansas.

Dear Wichita and Affiliated Tribes:

The City of Lawrence is considering funding the pedestrian improvement projects listed above with federal funds from the U.S. Department of Housing and Urban Development (HUD). Under HUD regulation 24 CFR 58.4, the City of Lawrence has assumed HUD's environmental review responsibilities for the project, including tribal consultation related to historic properties. Historic properties include archeological sites, burial grounds, sacred landscapes or features, ceremonial areas, traditional cultural places and landscapes, plant and animal communities, and buildings and structures with significant tribal association.

The City of Lawrence will conduct a review of this project to comply with Section 106 of the National Historic Preservation Act and its implementing regulations 36 CFR Part 800. We would like to invite you to be a consulting party in this review to help identify historic properties in the project area that may have religious and cultural significance to your tribe, and if such properties exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

To meet project timeframes, if you would like to be a consulting party on this project, can you please let us know of your interest within 30 days? If you have any initial concerns with impacts of the project on religious or cultural properties, can you please note them in your response? You can respond via email at [dwalters@lawrenceks.org](mailto:dwalters@lawrenceks.org). If you could also let us know if you do not wish to consult we would appreciate it.



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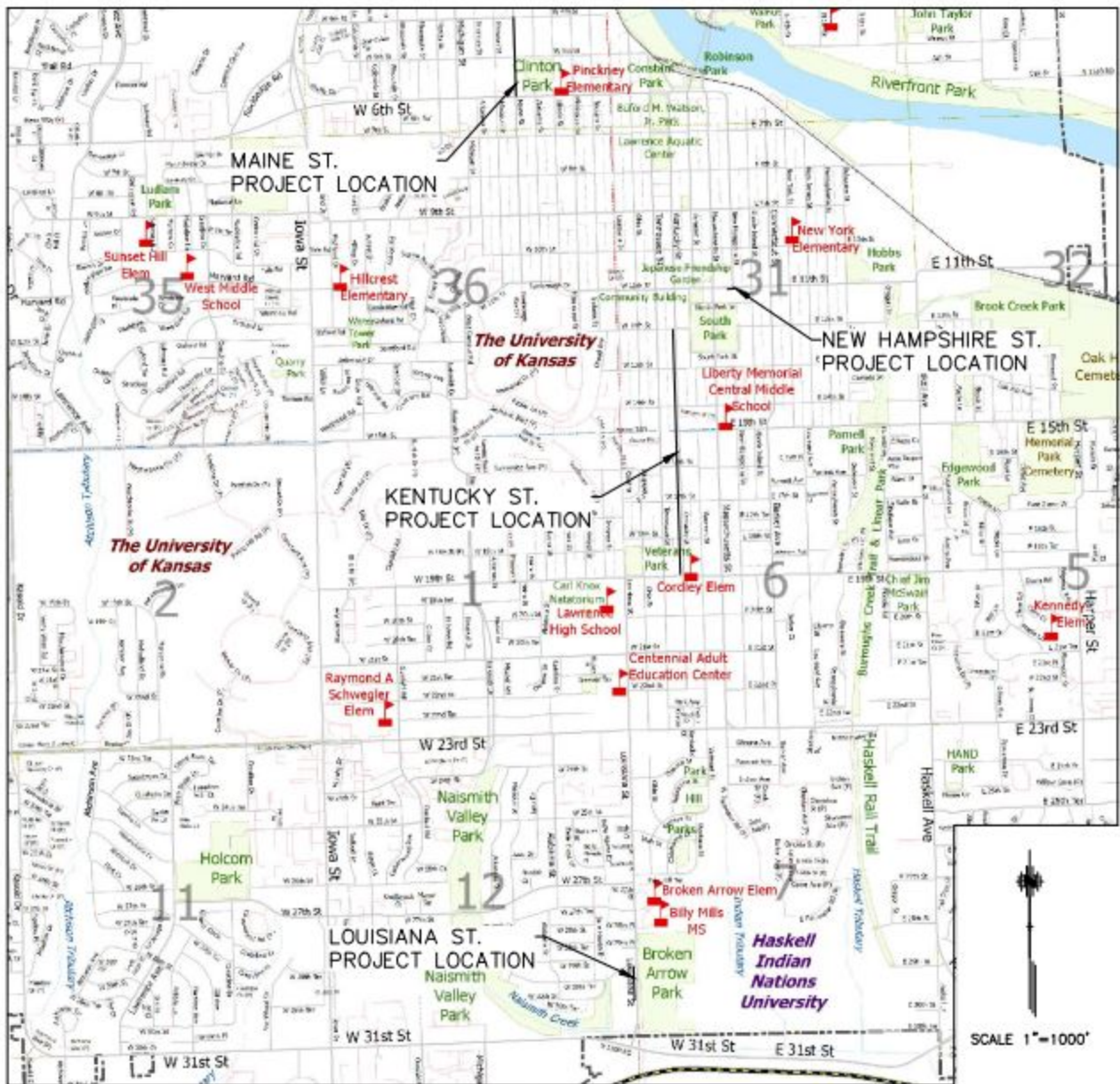
Thank you very much. We value your assistance and look forward to consulting further if there are historic properties of religious and cultural significance to your tribe that may be affected by this project.

Sincerely,



Danelle Walters  
Housing Initiatives Manager  
Planning & Development Services  
785-832-3108 fax 785-832-3110  
Email: [dwalters@lawrenceks.org](mailto:dwalters@lawrenceks.org)





PROJECT LOCATED IN THE S. 1/2 OF SECTION 1, TOWNSHIP 13 SOUTH, RANGE 19 EAST





## EASTERN SHAWNEE CULTURAL PRESERVATION DEPARTMENT

70500 East 128 Road, Wyandotte, OK 74370

March 22, 2023

City Of Lawrence

1 Riverfront Plaza Suite 110

Lawrence, KS 66044

**RE: CDBG-funded pedestrian improvement projects at Louisiana Street and West 29th Terrace, 11th Street and New Hampshire Street, Maine Street from 6th Street to 4th Street, and Kentucky Street from 12th Street to 19th Street, Lawrence, Douglas County, Kansas**

Dear Ms. Dolar,

The Eastern Shawnee Tribe has received your letter regarding the above referenced project(s) within Douglas County, Kansas. The Eastern Shawnee Tribe is committed to protecting sites important to Tribal Heritage, Culture and Religion. Furthermore, the Tribe is particularly concerned with historical sites that may contain but not limited to the burial(s) of human remains and associated funerary objects.

As described in your correspondence, and upon research of our database(s) and files, we find our people occupied these areas historically and/or prehistorically. However, the project proposes **NO Adverse Effect** or endangerment to known sites of interest to the Eastern Shawnee Tribe. Please continue project as planned. However, should this project inadvertently discover an archeological site or object(s) we request that you immediately contact the Eastern Shawnee Tribe, as well as the appropriate state agencies (within 24 hours). We also ask that all ground disturbing activity stop until the Tribe and State agencies are consulted. Please note that any future changes to this project will require additional consultation.

In accordance with the NHPA of 1966 (16 U.S.C. § 470-470w-6), federally funded, licensed, or permitted undertakings that are subject to the Section 106 review process must determine effects to significant historic properties. As clarified in Section 101(d)(6)(A-B), historic properties may have religious and/or cultural significance to Indian Tribes. Section 106 of NHPA requires Federal agencies to consider the effects of their actions on all significant historic properties (36 CFR Part 800) as does the National Environmental Policy Act of 1969 (43 U.S.C. § 4321-4347 and 40 CFR § 1501.7(a)). This letter evidences NHPA and NEPA historic properties compliance pertaining to consultation with this Tribe regarding the referenced proposed projects.

Thank you, for contacting the Eastern Shawnee Tribe, we appreciate your cooperation. Should you have any further questions or comments please contact our Office.

Sincerely,

Paul Barton, Tribal Historic Preservation Officer (THPO)  
Eastern Shawnee Tribe of Oklahoma

(918) 666-5151 Ext:1833

THPO@estoo.net



**Delaware Nation**  
**Historic Preservation Department**

31064 State Highway 281  
Anadarko, OK 73005  
Phone (405)247-2448

---

March 15, 2023

To Whom It May Concern:

The Delaware Nation Historic Preservation Department received correspondence regarding the following referenced project(s):

**Project: CDBG-funded pedestrian improvement projects at Louisiana Street and West 29th Terrace, 11<sup>th</sup> Street and New Hampshire Street, Maine Street from 6th Street to 4th Street, and Kentucky Street from 12th Street to 19th Street, in Lawrence, Kansas**

In accordance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. 470f), and implementing regulation 36 CFR 800, "Protection of Historic Properties," **Delaware Nation accepts your invitation for consultation on this project.**

Our office is committed to protecting tribal heritage, culture and religion with particular concern for archaeological sites potentially containing burials and associated funerary objects. According to our files, the proposed project should have **no adverse effect** on any known cultural or religious sites of interest to the Delaware Nation, but there is always the potential for discovery of archaeological resources in this area.

**Please continue with the project as planned** keeping in mind during construction should human remains and/or any Native American archaeological resources inadvertently be uncovered, all construction and ground disturbing activities should immediately be halted until the appropriate state agencies, as well as this office, are notified (within 24 hours), and a proper archaeological assessment can be made.

Please note that Delaware Nation, the Delaware Tribe of Indians, and the Stockbridge Munsee Community are the only Federally Recognized Delaware/Lenape entities in the United States and consultation for Lenape homelands must be made with only the designated staff of these three Nations (and/or other federally recognized tribal nations who may have overlapping areas of interest). We appreciate your cooperation in contacting the Delaware Nation Historic Preservation Office to conduct proper Section 106 consultation. Should you have any questions, feel free to contact our offices at 405-247-2448 ext. 1403.

*Carissa Speck*

Carissa Speck  
Historic Preservation Director  
Delaware Nation  
405-247-2448 ext. 1403  
cspeck@delawarenation-nsn.gov

## Noise (EA Level Reviews)

General requirements	Legislation	Regulation
HUD's noise regulations protect residential properties from excessive noise exposure. HUD encourages mitigation as appropriate.	Noise Control Act of 1972  General Services Administration Federal Management Circular 75-2: "Compatible Land Uses at Federal Airfields"	Title 24 CFR 51 Subpart B
References		
<a href="https://www.hudexchange.info/programs/environmental-review/noise-abatement-and-control">https://www.hudexchange.info/programs/environmental-review/noise-abatement-and-control</a>		

### 1. What activities does your project involve? Check all that apply:

- New construction for residential use

NOTE: HUD assistance to new construction projects is generally prohibited if they are located in an Unacceptable zone, and HUD discourages assistance for new construction projects in Normally Unacceptable zones. See 24 CFR 51.101(a)(3) for further details.

→ *Continue to Question 2.*

- Rehabilitation of an existing residential property

NOTE: For major or substantial rehabilitation in Normally Unacceptable zones, HUD encourages mitigation to reduce levels to acceptable compliance standards. For major rehabilitation in Unacceptable zones, HUD strongly encourages mitigation to reduce levels to acceptable compliance standards. See 24 CFR 51 Subpart B for further details.

→ *Continue to Question 2.*

- A research demonstration project which does not result in new construction or reconstruction, interstate, land sales registration, or any timely emergency assistance under disaster assistance provisions or appropriations which are provided to save lives, protect property, protect public health and safety, remove debris and wreckage, or assistance that has the effect of restoring facilities substantially as they existed prior to the disaster

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

- None of the above

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

## **Worksheet Summary**

### **Compliance Determination**

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

**Are formal compliance steps or mitigation required?**

Yes

No

## Sole Source Aquifers (CEST and EA)

General requirements	Legislation	Regulation
The Safe Drinking Water Act of 1974 protects drinking water systems which are the sole or principal drinking water source for an area and which, if contaminated, would create a significant hazard to public health.	Safe Drinking Water Act of 1974 (42 U.S.C. 201, 300f et seq., and 21 U.S.C. 349)	40 CFR Part 149
Reference		
<a href="https://www.hudexchange.info/environmental-review/sole-source-aquifers">https://www.hudexchange.info/environmental-review/sole-source-aquifers</a>		

### 1. Does your project consist solely of acquisition, leasing, or rehabilitation of an existing building(s)?

- Yes → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*
- No → *Continue to Question 2.*

### 2. Is the project located on a sole source aquifer (SSA)<sup>1</sup>?

- No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make your determination, such as a map of your project (or jurisdiction, if appropriate) in relation to the nearest SSA and its source area.*

## Worksheet Summary

### Compliance Determination

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The State of Kansas currently has no designated Sole Source Aquifers according to EPA, Region 7 Drinking Water/Ground Water Branch, and the EPA.gov webpage map for Sole Source Aquifers. The project is in compliance with Sole Source Aquifer requirements. Attached are maps indicating there are no Sole Source Aquifers located in the jurisdiction or state.

<sup>1</sup> A sole source aquifer is defined as an aquifer that supplies at least 50 percent of the drinking water consumed in the area overlying the aquifer. This includes streamflow source areas, which are upstream areas of losing streams that flow into the recharge area.

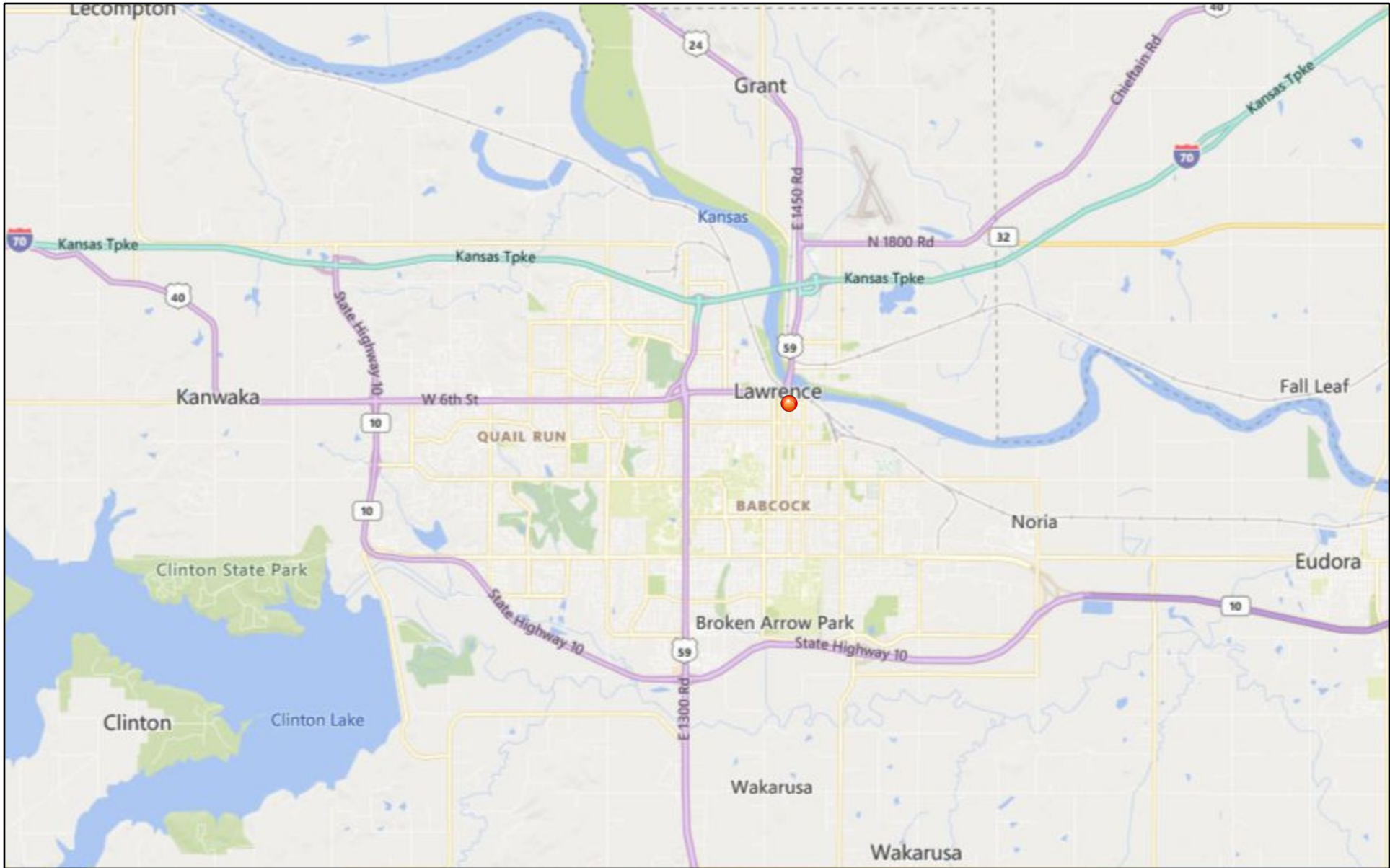
**Are formal compliance steps or mitigation required?**

Yes



No

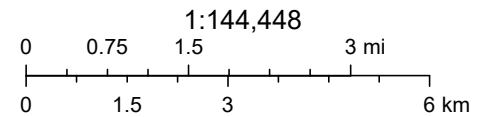


# Sole Source Aquifers - Lawrence, KS

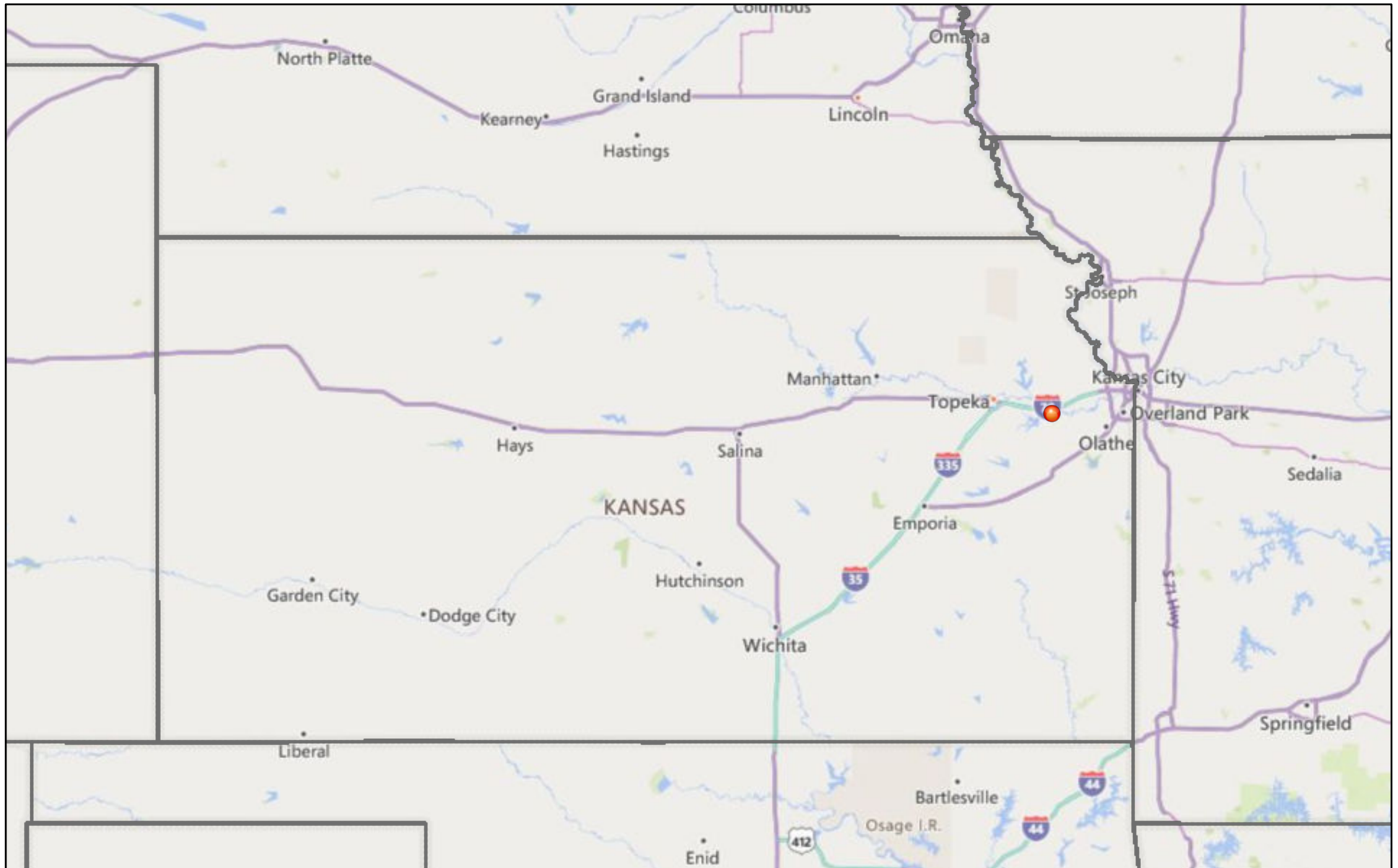


April 8, 2021

-  Lawrence, KS
-  Sole Source Aquifers

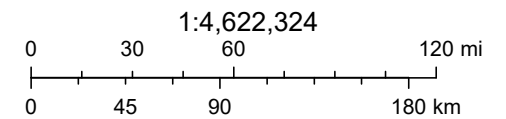


# Sole Source Aquifers - Kansas



April 8, 2021


- Lawrence, KS
- Sole Source Aquifers
- States

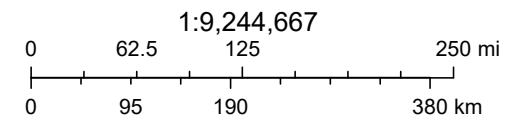


# Sole Source Aquifers - Kansas



4/8/2021, 3:22:28 PM

 Sole\_Source\_Aquifers



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),



## Wetlands (CEST and EA)

General requirements	Legislation	Regulation
Executive Order 11990 discourages that direct or indirect support of new construction impacting wetlands wherever there is a practicable alternative. The Fish and Wildlife Service's National Wetlands Inventory can be used as a primary screening tool, but observed or known wetlands not indicated on NWI maps must also be processed. Off-site impacts that result in draining, impounding, or destroying wetlands must also be processed.	Executive Order 11990	24 CFR 55.20 can be used for general guidance regarding the 8 Step Process.
<b>References</b>		
<a href="https://www.hudexchange.info/environmental-review/wetlands-protection">https://www.hudexchange.info/environmental-review/wetlands-protection</a>		

**1. Does this project involve new construction as defined in Executive Order 11990, expansion of a building's footprint, or ground disturbance?**

The term "new construction" shall include draining, dredging, channelizing, filling, diking, impounding, and related activities and any structures or facilities begun or authorized after the effective date of the Order.

No → *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.*

Yes → *Continue to Question 2.*

**2. Will the new construction or other ground disturbance impact an on- or off-site wetland?**

The term "wetlands" means those areas that are inundated by surface or ground water with a frequency sufficient to support, and under normal circumstances does or would support, a prevalence of vegetative or aquatic life that requires saturated or seasonally saturated soil conditions for growth and reproduction. Wetlands generally include swamps, marshes, bogs, and similar areas such as sloughs, potholes, wet meadows, river overflows, mud flats, and natural ponds. Wetlands under E.O. 11990 include isolated and non-jurisdictional wetlands.

No, a wetland will not be impacted in terms of E.O. 11990's definition of new construction.

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map or any other relevant documentation to explain your determination.*

### **Worksheet Summary**

#### **Compliance Determination**

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

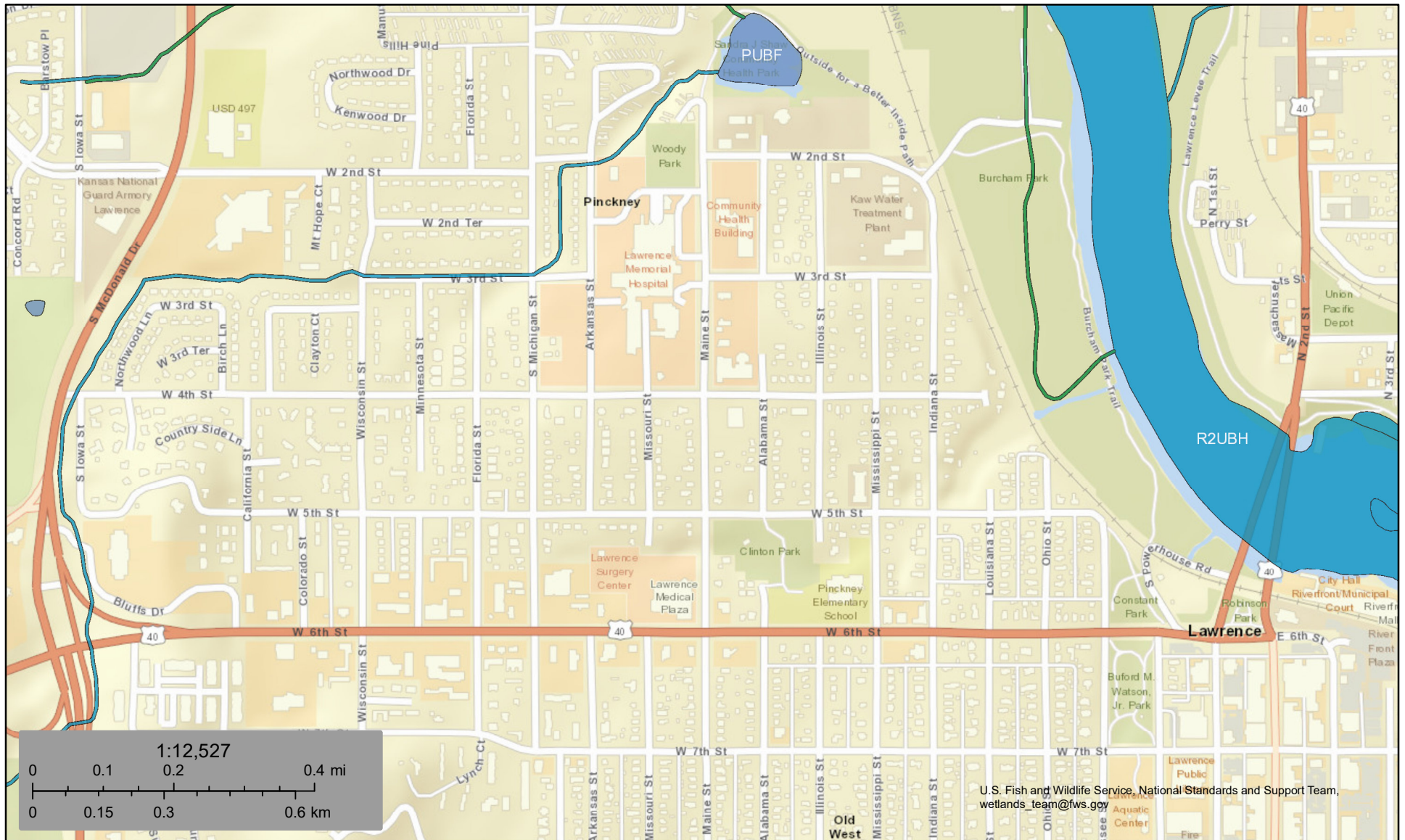
- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

The project will not impact on- or off-site wetlands. The project is in compliance with Executive Order 11990. See attached Wetlands Protection Worksheet packet.

**Are formal compliance steps or mitigation required?**

Yes

No



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands\_team@fws.gov

August 10, 2023

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

## Wild and Scenic Rivers (CEST and EA)

General requirements	Legislation	Regulation
The Wild and Scenic Rivers Act provides federal protection for certain free-flowing, wild, scenic and recreational rivers designated as components or potential components of the National Wild and Scenic Rivers System (NWSRS) from the effects of construction or development.	The Wild and Scenic Rivers Act (16 U.S.C. 1271-1287), particularly section 7(b) and (c) (16 U.S.C. 1278(b) and (c))	36 CFR Part 297
<b>References</b>		
<a href="https://www.hudexchange.info/environmental-review/wild-and-scenic-rivers">https://www.hudexchange.info/environmental-review/wild-and-scenic-rivers</a>		

### 1. Is your project within proximity of a NWSRS river as defined below?

**Wild & Scenic Rivers:** These rivers or river segments have been designated by Congress or by states (with the concurrence of the Secretary of the Interior) as wild, scenic, or recreational

**Study Rivers:** These rivers or river segments are being studied as a potential component of the Wild & Scenic River system.

**Nationwide Rivers Inventory (NRI):** The National Park Service has compiled and maintains the NRI, a register of river segments that potentially qualify as national wild, scenic, or recreational river areas

No

→ *Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make your determination, such as a map identifying the project site and its surrounding area or a list of rivers in your region in the Screen Summary at the conclusion of this screen.*

### **Worksheet Summary**

#### **Compliance Determination**

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region



There are no Wild and Scenic Rivers designated in the state of Kansas. (Source: National Wild and Scenic Rivers System website); per the same site, there are no active or pending river studies in Kansas.

Per the National Rivers Inventory system, there is one river in Douglas County on the list: The Kansas River NRI River Segment. The Outstandingly Remarkable Values of this river segment are listed as: Cultural, Fish, Recreational, Scenic, and Wildlife.

Per HUD's Wild and Scenic Rivers website: "Boundaries for protected rivers generally extend one-quarter mile from either bank in the lower 48 states and one-half mile on rivers outside national parks in Alaska in order to protect river-related values."

The project site is not located in a .25-mile proximity of the Kansas River NRI River Segment, therefore no adverse effects will occur. The project is not a water resources project that could affect the free-flowing condition of the river. The project is in compliance with the Wild and Scenic Rivers Act. See attached Wild and Scenic Rivers Worksheet packet.

**Are formal compliance steps or mitigation required?**

Yes

No



## KANSAS

Kansas has approximately 133,956 miles of river, but no designated wild & scenic rivers.



Choose A State

Choose A River

*Nourished by the fertile soils of the region, rivers of the Midwest explode with life, from great avian migrations to ancient fishes.*

[+ View larger map](#)

Kansas does not have any designated rivers.

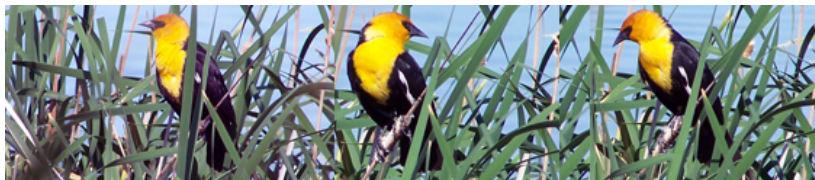




## WILD & SCENIC RIVER STUDIES

### Wild & Scenic River Studies

There are two study provisions in the Act — Section 5(a), through which Congress directs the study of select rivers, and Section 5(d)(1), which directs federal agencies to identify potential additions to the National Wild and Scenic Rivers System (National System) through federal agency plans. A brief explanation is provided in the following respective sections.



Choose A State

Choose A River

*While progress should never come to a halt,  
there are many places it should never come to  
at all. — Paul Newman*

### Current Active Studies

Currently, there are three rivers or river systems under "authorized" study—two under Section 5(a) of the Wild & Scenic Rivers Act and one under Section 2(a)(ii). This does not include those that might be under assessment as part of normal agency land-planning processes.

#### Rivers Currently Under Study

- **Cave, Lake, No Name and Panther Creeks, Oregon** (Public Law 113-291, December 19, 2014) – Under study by the National Park Service.
- **Housatonic River, Connecticut** (Governor Malloy Request for Section 2(a)(ii) Designation, November 16, 2016) – Under study by the National Park Service.
- **York River, Maine**. (Public Law 113-291, December 19, 2014) – Under study by the National Park Service.

### Section 2(a)(ii) Studies

Under Section 2(a)(ii) of the Act, a governor (or governors for a river in multiple states) of a state can request that a river be designated, provided certain conditions are met (refer to the [Council White Paper on Section 2\(a\)\(ii\)](#) for specifics). The NPS then conducts a study to determine if certain conditions are met. Here are some of the studies conducted under Section 2(a)(ii). Again, if you don't see a study listed, we do not have a copy.

#### Section 2(a)(ii) Studies Available for Download

## Section 5(d)(1), Agency-Identified Studies

In recent years, hundreds of rivers have been identified for study through Section 5(d)(1) of the Act. This provision directs federal agencies to identify potential addition to the National System through their respective resource and management plans. Its application has resulted in numerous individual river designations, statewide legislation (e.g., Omnibus Oregon Wild and Scenic Rivers Act, P.L. 100-557; Michigan Scenic Rivers Act, P.L. 102-249) and multi-state legislation (e.g., Omnibus Public Land Management Act of 2009, P.L. 111-11). Here are examples of agency-identified studies and transmittal documents (if available).

Section 5(d)(1) Studies Available for Download

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## Congressionally Authorized Study Reports

We have collected a few of the study reports prepared at the direction of Congress (see next section, "Section 5(a), Congressionally Authorized Studies," for the complete list of congressionally authorized studies). If you do not see a report here, we do not have it, and you will have to contact the study agency at the local level for a copy.

Congressionally Authorized Study Reports Available for Download

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## Section 5(a), Congressionally Authorized Studies

Through Section 5(a), Congress authorizes the study of select rivers and directs one of the four federal river-administering agencies to conduct the study, as outlined in Sections 4(a) and 5(c) of the Wild & Scenic Rivers Act. The enabling legislation of 1968, P.L. 90-542, authorized 27 rivers for study as potential components of the National System. Amendments to the law have increased the number of studies authorized by Congress to 144.

These studies have led to 48 designations by either Congress or the Secretary of the Interior. One study led to the establishment of a National Recreation Area.

The number of rivers included in the National System differs from the number of rivers authorized for study by Congress for the following reasons:

- Not all rivers studied are found eligible or suitable for designation—many study rivers will not be included in the National System.
- Some rivers are designated by Congress or the Secretary of the Interior without a pre-authorization or 5(a) study (e.g., Niobrara River).
- Some rivers are designated as a result of recommendation in federal agency plans (e.g., 49 rivers designated in Oregon in 1988).

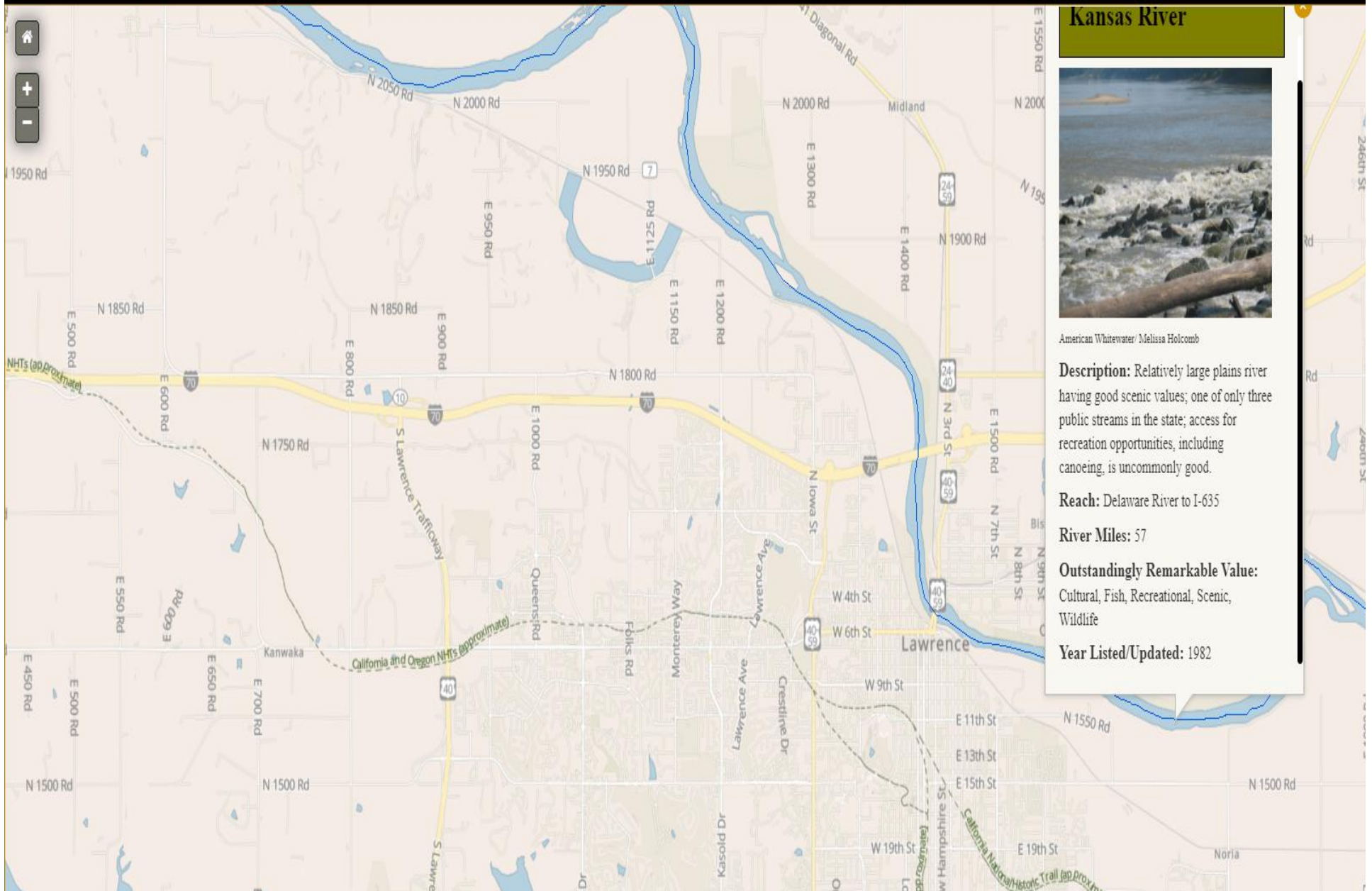
The 144 rivers below have been authorized for study. The agency leading the study is indicated as National Park Service (NPS), Bureau of Outdoor Recreation (BOR), Heritage Conservation and Recreation Service (HCRS), Bureau of Land Management (BLM), or U.S. Forest Service (USFS). Within the Department of the Interior, the study function was transferred from the HCRS (formerly the BOR) to the NPS by Secretarial Order Number 3017, January 25, 1978. All studies indicated as BOR or HCRS were completed by these agencies before the program was transferred to the NPS. The BLM was delegated responsibility for conducting studies on Public Lands on October 11, 1988. The USFS (Department of Agriculture) has always conducted studies on National Forest System Lands and as directed by Congress.

For each study river, the number in parentheses is the approximate number of miles to be studied. If river segments were designated, the total designated mileage appears in the text.

Section 5(a), Congressionally Authorized Studies

# Nationwide Rivers Inventory

This is a listing of more than 3,200 free-flowing river segments in the U.S. that are believed to possess one or more "outstandingly remarkable" values.



# Rivers

---

## Kansas

River	County	Reach	Length (miles)	Description	Potential Classification	ORVs	Watershed (HUC Code 8)
Kansas River	Wyandotte, Johnson, Leavenworth, Douglas, Jefferson	Delaware River to I- 635	57	Relatively large plains river having good scenic values; one of only three public streams in the state; access for recreation opportunities, including canoeing, is uncommonly good.		Cultural, Fish, Recreational, Scenic, Wildlife	Kansas 1982



## Wild and Scenic Rivers

### Introduction

The Wild and Scenic Rivers Act (16 U.S.C. 1271-1287) provides federal protection for certain free-flowing, wild, scenic, and recreational rivers designated as components or potential components of the National Wild and Scenic Rivers System (NWSRS). The National Wild and Scenic Rivers System (NWSRS) was created by Congress in 1968 (Public Law 90-542; 16 U.S.C. 1271 et seq., as amended) to preserve certain rivers with outstanding natural, cultural, and recreational values in a free-flowing condition for the enjoyment of present and future generations. The Act is notable for safeguarding the special character of these rivers, while also recognizing the potential for their appropriate use and development. It encourages river management that crosses political boundaries and promotes public participation in developing goals for river protection.

Each river or river segment in the National Wild and Scenic Rivers System is administered with the goal of protecting and enhancing the values that caused it to be eligible for inclusion in the system. Designated rivers need not include the entire river and may include tributaries.

Four primary federal agencies are charged with protection and managing our wild and scenic rivers: the National Park Service, Bureau of Land Management, U.S. Forest Service and U.S. Fish and Wildlife Service. Each river segment is administered by generally one of these federal agencies and/or a state agency and, in some cases, a tribe or in coordination with local government. **Boundaries for protected rivers generally extend one-quarter mile from either bank in the lower 48 states and one-half mile on rivers outside national parks in Alaska in order to protect river-related values.**

HUD-assisted activities are subject to the requirements of the Wild and Scenic Rivers Act (16 U.S.C. 1271 et seq.). The environmental review must evaluate the potential to impact any listed Wild and Scenic River when the assisted project is within proximity to a listed natural resource (24 CFR 58.5(f) ([https://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title24/24cfr58\\_main\\_02.tpl](https://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title24/24cfr58_main_02.tpl)) or 24 CFR 50.4(f) (<https://www.ecfr.gov/cgi-bin/retrieveECFR?gp=&SID=1948aa60e0ceb1e3b501f985b9315c79&r=PART&n=24y1.1.1.1.29>)).

### HUD Guidance

#### Is your project within proximity of a NWSRS river as defined below?

**Wild and Scenic Rivers.** (<http://www.rivers.gov/map.php>) These rivers or river segments have been designated by Congress or by states (with the concurrence of the Secretary of the Interior) as wild, scenic or recreational.

**Study Rivers.** (<http://www.rivers.gov/study.php>) These rivers or river segments are being studied as a potential component of the Wild & Scenic River system.

**Nationwide Rivers Inventory (NRI).** (<http://www.nps.gov/ncrc/programs/rtca/nri/>) The National Park Service has compiled and maintains the NRI, a register of river segments that potentially qualify as national wild, scenic or recreational river areas.

**If so, is your project a water resources project?** A water resources project is a federally assisted project that could affect the free-flowing condition of a wild and scenic river. Examples include dams, water diversion projects, bridges, roadway construction or reconstruction, boat ramps, and activities that require a Section 404 permit from the Army Corps of Engineers.

#### If so, could the project do any of the following?

- Have a direct and adverse effect within wild and scenic river boundaries



- Invade the area or unreasonably diminish the river outside wild and scenic river boundaries
- Have an adverse effect on the natural, cultural, and/or recreational values of an NRI segment

Consultation with the appropriate federal, state, local, and/or tribal Managing Agency is required, pursuant to Section 7 of the Act, to determine if the proposed project may have an adverse effect on a wild and scenic river or a study river and, if so, to determine the appropriate avoidance or mitigation measures. The Managing Agency for a particular river segment generally is the National Park Service, the Bureau of Land Management, U.S. Forest Service, or U.S. Fish and Wildlife Service; for some river segments, a state agency, tribe, or a local government may also be a Managing Agency. For rivers listed in the NRI, the National Park Service (NPS) is the point of contact. Under Section 5 of the Act, the NPS can provide recommendations that the Responsible Entity must take into account in protecting the listed river segment.

## Compliance and Documentation

The environmental review record should contain **one** of the following:

- Evidence the proposed action is not within proximity to a designated Wild, Scenic, or Recreational River
- Documentation that contact was made with the Federal (or state) agency that has administrative responsibility for management of the river and that the proposed action will not affect river designation or is not inconsistent with the management and land use plan for the designated river area

**View Wild and Scenic Rivers - Worksheet** (</resources/documents/Wild-and-Scenic-Rivers-Worksheet.docx>).

**View Wild and Scenic Rivers - Partner Worksheet** (</resources/documents/Wild-Scenic-Rivers-Partner-Worksheet.docx>).

## Related Resources

**Wild and Scenic Rivers Act: Section 7** (<https://www.rivers.gov/documents/section-7.pdf>)

A technical report that includes appendices on how to document evaluation of impacts in the environmental review.

**Protecting Our Natural Resources Webinar** (</trainings/courses/protecting-our-natural-resources-complying-with-the-wild-and-scenic-rivers-act-farmland-protection-policy-act-and-endangered-species-act-webinar/>)

This webinar, held September 5, 2012, provides an overview of three laws concerning the protection of natural resources: the Wild and Scenic Rivers Act, Farmland Protection Policy Act, and Endangered Species Act. This webinar outlines the compliance steps in a way that has been tailored towards HUD projects for all three laws.



## Statute

16 U.S.C. 1271 et seq. (<http://www.gpo.gov/fdsys/search/pagedetails.action?collectionCode=USCODE&searchPath=Title+16%2FCHAPTER+28&granuleId=USCODE-2012-title16-chap28-sec1271&packageId=USCODE-2012-title16&oldPath=Title+16%2FChapter+28%2FSec.+1271&fromPageDetails=true&collapse=true&ycord=3300>)

## Resources

WISER: Wild and Scenic Rivers Online Module (<https://www.hudexchange.info/trainings/wiser/>)

## National Wild and Scenic Rivers System Lists

National Wild and Scenic Rivers System Website (<http://www.rivers.gov/rivers/>)

Designated Rivers (<http://www.rivers.gov/map.php>)

Nationwide Rivers Inventory (NRI) (<http://www.nps.gov/ncrc/programs/rtca/nri/>)

[View Additional Resources](#)

## Federal Related Laws and Authorities

[Air Quality \(/environmental-review/air-quality\)](#)

[Airport Hazards \(/environmental-review/airport-hazards\)](#)

[Coastal Barrier Resources \(/environmental-review/coastal-barrier-resources\)](#)

[Coastal Zone Management \(/environmental-review/coastal-zone-management\)](#)

[Environmental Justice \(/environmental-review/environmental-justice\)](#)

[Endangered Species \(/environmental-review/endangered-species\)](#)

[Explosive and Flammable Facilities \(/environmental-review/explosive-and-flammable-facilities\)](#)

[Farmlands Protection \(/environmental-review/farmlands-protection\)](#)

[Flood Insurance \(/environmental-review/flood-insurance\)](#)

[Floodplain Management \(/environmental-review/floodplain-management\)](#)

[Historic Preservation \(/environmental-review/historic-preservation\)](#)

[Noise Abatement and Control \(/environmental-review/noise-abatement-and-control\)](#)

[Site Contamination \(/environmental-review/site-contamination\)](#)

[Sole Source Aquifers \(/environmental-review/sole-source-aquifers\)](#)

[Wetlands Protection \(/environmental-review/wetlands-protection\)](#)

[Wild and Scenic Rivers \(/environmental-review/wild-and-scenic-rivers\)](#)

# HEROS

## 4010 - EA Factors Summary

Environmental Assessment Factors (24 CFR 58.40; Ref. 40 CFR 1508.8 1508.27)

MSO Pedestrian Improvement Project – Maine Street

ENVIRONMENTAL ASSESSMENT FACTOR	IMPACT CODE	IMPACT EVALUATION	MITIGATION
<b>Land Development</b>			
<ul style="list-style-type: none"> <li>- Conformance with Plans</li> <li>- Compatible Land Use &amp; Zoning</li> <li>- Scale &amp; Urban Design</li> </ul>	1	<p>The proposed improvements are located along Maine Street between 6<sup>th</sup> Street and 4<sup>th</sup> Street. This is a developed area that contains a mix of zonings and land uses. In this area, the east side of Maine Street is zoned CS (Commercial Strip) District, RM12 (Multi-Dwelling Residential) District, RMO (Multi-Dwelling Residential-Office) District, and OS (Open Space) District. The west side of Maine Street is zoned CO (Office Commercial) District, and RS5 (Single-Dwelling Residential) District. The zoning north of 4<sup>th</sup> Street is RSO (Single-Dwelling Residential-Office) District, and H (Hospital) District. Finally, the zoning south of 6<sup>th</sup> Street is CO (Office Commercial) District, CS (Commercial Strip) District, RM12 (Multi-Dwelling Residential) District, and RS5 (Single-Dwelling Residential) District. Given the surrounding zonings, the area consists of residential, commercial, recreational (city park), and hospital land uses. The proposed project would advance the goals of numerous comprehensive plans for Unincorporated Douglas County &amp; the City of Lawrence, including Plan 2040, Transportation 2040, and the Lawrence Pedestrian Plan. All of those plans speak to enhancing transportation options and choices for improved system performance and transportation</p>	

		alternatives with stronger interconnectivity. Transportation 2040 notes that gaps in existing sidewalk network create barriers for usage and create safety issues. The most recently approved plan, the Lawrence Pedestrian Plan, emphasizes goals for sidewalk development and the distribution of existing sidewalk network within census defined minority block groups and among transportation disadvantaged populations.	
<ul style="list-style-type: none"> <li>- Soil Suitability</li> <li>- Slope</li> <li>- Erosion</li> <li>- Drainage</li> <li>- Storm Water Runoff</li> </ul>	2	The project site is located in a developed area of the city with a slight slope. The attached soil map survey indicates the property is comprised of Woodson silt loam, 1 to 3 percent slopes, and Pawnee clay loam, 4 to 8 percent slopes, eroded. All construction must conform to the City's Land Development Code as it pertains to erosion control, drainage, and storm water mitigation.	
Hazards & Nuisances including Site Safety & Site-Generated Noise	2	The project site is not adversely affected by on-site or off-site hazards or nuisances. The neighborhood is a well-established residential and commercial area and is in compliance with contamination and toxic substances requirements and noise control requirements. Construction noise will be minimal and temporary.	
<b>Socioeconomic</b>			
Employment & Income Patterns	1	The proposed action would create temporary employment during the construction phase. This project could also allow for area residents to have a safe route to access employment opportunities.	
Demographic Character Changes/Displacement	2	There will be no displacement or adverse impacts to the demographics of the community. This project aligns with the City's Strategic plan outcome of Strong, Welcoming, Neighborhoods. This outcome states that "All people in Lawrence live in safe, functional, and aesthetically unique	

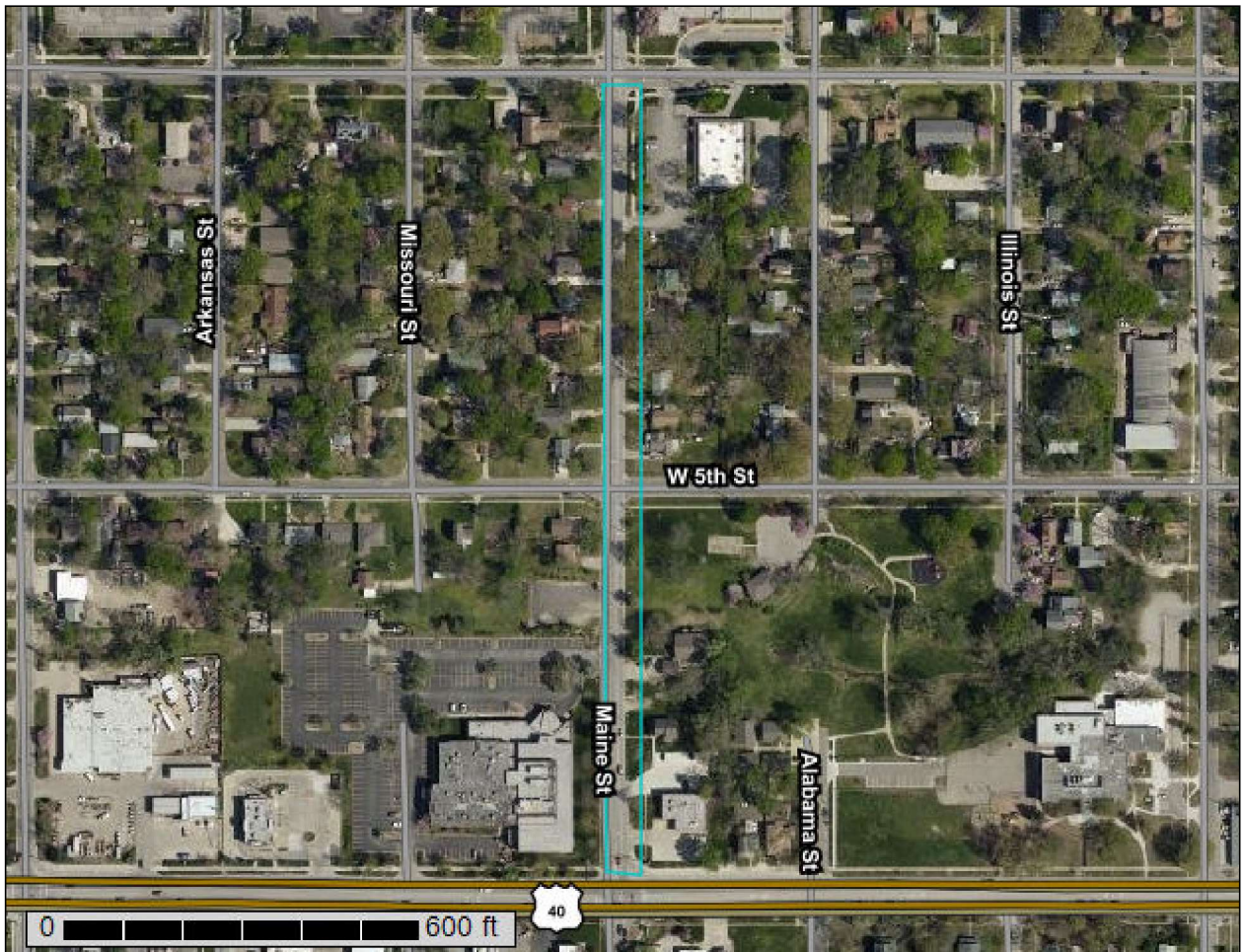
		neighborhoods that provide opportunities to lead healthy lifestyles with access to safe and affordable housing and essential services that help them thrive". (City of Lawrence Strategic Plan 2020)	
Environmental Justice	2	No adverse environmental impacts were identified during this review. This sidewalk construction project will have a positive impact on the surrounding neighborhoods and the Lawrence community by providing better pedestrian connectivity and safe transportation routes for all, regardless of mobility limitations.	
<b>Community Facilities and Services</b>			
Educational and Cultural Facilities (Access & Capacity)	2	There will be no adverse impacts on the accessibility or capacity of educational and cultural facilities that serve the project site or the community in general. The project site is in close proximity to schools and has adequate and safe access facilities.	
Commercial Facilities (Access & Proximity)	1	The project is allowing for sidewalk network connectivity. There is potential for enhanced access and capacity to all Commercial Facilities in this area.	
Health Care/Social Services (Access & Capacity)	2	The project site is within a block of Lawrence Memorial Hospital and a variety of medical offices and community health services. The proposed project will not have an adverse impact on the capacity of health care or social services.	
Solid Waste Disposal & Recycling (Feasibility & Capacity)	2	There are no anticipated negative impacts of the project regarding Solid Waste Disposal and Recycling. The project contractor will be required to follow proper disposal and recycling procedures with the construction of the project, and the project will not result in an increased usage of these services.	
<b>Community Facilities and Services</b>			

Waste Water & Sanitary Sewers (Feasibility & Capacity)	2	The project is allowing for sidewalk network connectivity. There are no anticipated changes to Waste Water and Sanitary Sewer functions in this area.	
Water Supply (Feasibility & Capacity)	2	There are no anticipated changes to the Water Supply functions in this area.	
Public Safety- Police, Fire, and Emergency Medical	2	There are no anticipated changes to the Public Safety and safety-related functions in this area.	
Parks, Open Space & Recreation (Access & Capacity)	1	There will be enhanced access and capacity to Parks and Recreation spaces near the project site. This project will not change other current transportation routes that would limit access to other facilities.	
Transportation & Accessibility (Access & Capacity)	1	The project is allowing for sidewalk network connectivity and the installation of ADA compliant ramps that will increase accessibility for the residents of the adjacent low-mod neighborhoods. Other transportation resources will remain unchanged.	
<b>Natural Features</b>			
Unique Natural Features/ Water Resources	2	The project site is developed and not located near any unique natural features and will have no negative impact on water resources.	
Vegetation/Wildlife (Introduction,Modification, Removal, Disruption, etc)	2	Existing vegetation on the project site will see minimal disruption and construction activities must comply with all applicable City codes. The proposed project will have no adverse impacts on endangered species, critical habitats, or other resources.	
Other Factors		N/A	
<b>Climate and Energy</b>			
Climate Change	2	This sidewalk project will be constructed according to current building code requirements and will be designed in a way that will withstand any expected climate changes within its useful life. The project is located in a developed area and will not have a negative	

		impact on stormwater runoff or soil suitability.	
Energy Consumption/Energy Efficiency	2	Construction and connecting sidewalk networks for this pedestrian improvement project will use very little energy. There are no additional energy efficiency measures taken with this sort of infrastructure project.	



# Custom Soil Resource Report for Douglas County, Kansas



# Preface

---

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist ([http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2\\_053951](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951)).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

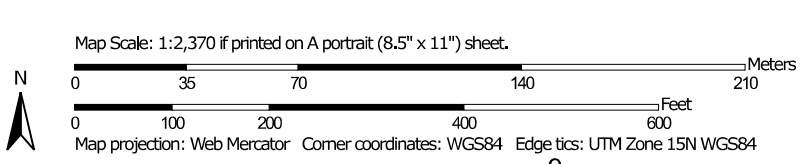
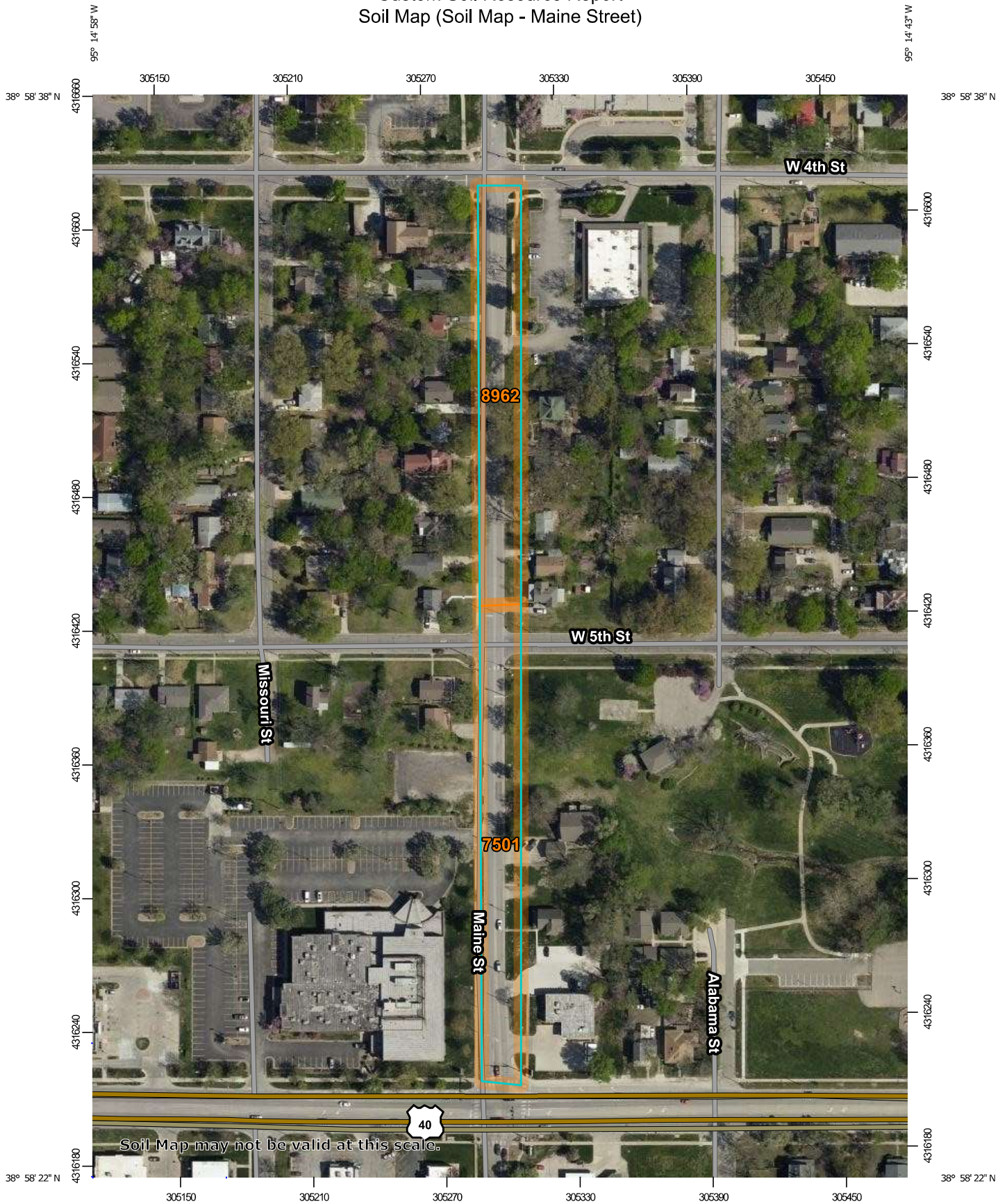
# Contents

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**Preface**..... 2  
**How Soil Surveys Are Made**..... 5  
**Soil Map**..... 8  
    Soil Map (Soil Map - Maine Street)..... 9  
    Legend..... 10  
    Map Unit Legend (Soil Map - Maine Street)..... 11  
    Map Unit Descriptions (Soil Map - Maine Street)..... 11  
        Douglas County, Kansas..... 13  
            7501—Pawnee clay loam, 4 to 8 percent slopes, eroded..... 13  
            8962—Woodson silt loam, 1 to 3 percent slopes..... 15  
**References**..... 17




Custom Soil Resource Report  
Soil Map (Soil Map - Maine Street)




### MAP LEGEND

**Area of Interest (AOI)**

 Area of Interest (AOI)




















**Soils**





 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

**Special Point Features**




-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

**Water Features**

 Streams and Canals

**Transportation**

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

**Background**

 Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL:  
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Douglas County, Kansas  
 Survey Area Data: Version 19, Sep 13, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 16, 2019—Apr 26, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend (Soil Map - Maine Street)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
7501	Pawnee clay loam, 4 to 8 percent slopes, eroded	1.0	52.1%
8962	Woodson silt loam, 1 to 3 percent slopes	0.9	47.9%
<b>Totals for Area of Interest</b>		<b>1.8</b>	<b>100.0%</b>

## Map Unit Descriptions (Soil Map - Maine Street)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The



## Custom Soil Resource Report

delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

## Douglas County, Kansas

### 7501—Pawnee clay loam, 4 to 8 percent slopes, eroded

#### Map Unit Setting

*National map unit symbol:* 2v8yx

*Elevation:* 730 to 1,700 feet

*Mean annual precipitation:* 28 to 40 inches

*Mean annual air temperature:* 50 to 55 degrees F

*Frost-free period:* 160 to 205 days

*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Pawnee, eroded, and similar soils:* 85 percent

*Minor components:* 15 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Pawnee, Eroded

##### Setting

*Landform:* Hillslopes

*Landform position (two-dimensional):* Backslope

*Landform position (three-dimensional):* Side slope

*Down-slope shape:* Convex

*Across-slope shape:* Linear

*Parent material:* Till

##### Typical profile

*Ap - 0 to 6 inches:* clay loam

*A - 6 to 9 inches:* clay loam

*Bt1 - 9 to 12 inches:* clay

*Bt2 - 12 to 41 inches:* clay

*BC - 41 to 51 inches:* clay loam

*C - 51 to 79 inches:* clay loam

##### Properties and qualities

*Slope:* 4 to 8 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Moderately well drained

*Runoff class:* High

*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)

*Depth to water table:* About 8 to 24 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 12 percent

*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Available water supply, 0 to 60 inches:* Moderate (about 8.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 3e

*Hydrologic Soil Group:* D

*Ecological site:* R106XY074NE - Clayey Upland

*Hydric soil rating:* No

**Minor Components**

**Morrill, eroded**

*Percent of map unit:* 5 percent  
*Landform:* Hillslopes  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Ecological site:* R106XY075NE - Loamy Upland  
*Hydric soil rating:* No

**Shelby, eroded**

*Percent of map unit:* 4 percent  
*Landform:* Hillslopes  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Ecological site:* R106XY075NE - Loamy Upland  
*Hydric soil rating:* No

**Grundy, eroded**

*Percent of map unit:* 3 percent  
*Landform:* Hillslopes  
*Landform position (two-dimensional):* Shoulder  
*Landform position (three-dimensional):* Interfluve  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Ecological site:* R106XY074NE - Clayey Upland  
*Hydric soil rating:* No

**Wymore, eroded**

*Percent of map unit:* 2 percent  
*Landform:* Hillslopes  
*Landform position (two-dimensional):* Shoulder  
*Landform position (three-dimensional):* Interfluve  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Ecological site:* R106XY074NE - Clayey Upland  
*Hydric soil rating:* No

**Typic epiaquoll**

*Percent of map unit:* 1 percent  
*Landform:* Hillslopes  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Concave  
*Across-slope shape:* Linear  
*Ecological site:* R106XY065NE - Wet Subirrigated  
*Hydric soil rating:* Yes

## 8962—Woodson silt loam, 1 to 3 percent slopes

### Map Unit Setting

*National map unit symbol:* 2thdw  
*Elevation:* 810 to 1,200 feet  
*Mean annual precipitation:* 37 to 43 inches  
*Mean annual air temperature:* 54 to 61 degrees F  
*Frost-free period:* 175 to 255 days  
*Farmland classification:* All areas are prime farmland

### Map Unit Composition

*Woodson and similar soils:* 90 percent  
*Minor components:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Woodson

#### Setting

*Landform:* Divides  
*Landform position (two-dimensional):* Summit  
*Landform position (three-dimensional):* Interfluve  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Parent material:* Silty loess and/or silty and clayey alluvium

#### Typical profile

*Ap - 0 to 8 inches:* silt loam  
*Bt1 - 8 to 18 inches:* silty clay  
*Bt2 - 18 to 31 inches:* silty clay  
*BC - 31 to 43 inches:* silty clay  
*C - 43 to 79 inches:* silty clay

#### Properties and qualities

*Slope:* 1 to 3 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Somewhat poorly drained  
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)  
*Depth to water table:* About 6 to 24 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Maximum salinity:* Nonsaline to slightly saline (0.0 to 4.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 7.0  
*Available water supply, 0 to 60 inches:* Moderate (about 7.6 inches)

#### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 2s  
*Hydrologic Soil Group:* D  
*Ecological site:* R112XY102KS - Clayey Upland

## Custom Soil Resource Report

*Hydric soil rating:* No

### Minor Components

#### **Kenoma**

*Percent of map unit:* 5 percent  
*Landform:* Interfluves  
*Landform position (two-dimensional):* Summit  
*Landform position (three-dimensional):* Interfluve  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Ecological site:* R112XY102KS - Clayey Upland  
*Hydric soil rating:* No

#### **Eram**

*Percent of map unit:* 2 percent  
*Landform:* Interfluves  
*Landform position (two-dimensional):* Summit  
*Landform position (three-dimensional):* Interfluve  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Ecological site:* R112XY102KS - Clayey Upland  
*Hydric soil rating:* No

#### **Summit**

*Percent of map unit:* 2 percent  
*Landform:* Interfluves  
*Landform position (two-dimensional):* Backslope, footslope  
*Landform position (three-dimensional):* Base slope  
*Down-slope shape:* Concave, convex  
*Across-slope shape:* Concave  
*Ecological site:* R112XY103KS - Loamy Upland  
*Hydric soil rating:* No

#### **Aquolls**

*Percent of map unit:* 1 percent  
*Landform:* Divides  
*Landform position (two-dimensional):* Summit  
*Landform position (three-dimensional):* Interfluve  
*Down-slope shape:* Concave  
*Across-slope shape:* Concave  
*Hydric soil rating:* Yes

# References

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- American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.
- American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.
- Federal Register. July 13, 1994. Changes in hydric soils of the United States.
- Federal Register. September 18, 2002. Hydric soils of the United States.
- Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.
- National Research Council. 1995. Wetlands: Characteristics and boundaries.
- Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2\\_054262](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_054262)
- Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2\\_053577](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577)
- Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2\\_053580](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053580)
- Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.
- United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.
- United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2\\_053374](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053374)
- United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. <http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084>

## Custom Soil Resource Report

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2\\_054242](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242)

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2\\_053624](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624)

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. [http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs142p2\\_052290.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf)