

May 9, 2007

Jackie Wolf
Grant Administrator
Mo-Kan
1302 Faraon St.
St. Joseph, Missouri 64501

RE: KAN-STEP Grant # 07-ST-401
Highland Fire Station and Community Center
Doniphan County, Kansas

Dear Ms. Wolf:

The Kansas Geological Survey (KGS) has received Mo-Kan's April 13, 2007 request for comments. The comment request is part of the award process for KAN-STEP grant #07-ST-401. The grant has been awarded to the City of Highland to fund the construction of a new fire station and community center.

According to Mo-Kan, the site is located on the west edge of Highland, Doniphan County, Kansas. Construction will consist of a one-story, 9,088 sq. ft. building. Site improvements will include a sanitary sewer lift station, sidewalks, and concrete drive. A summary of regional geologic information available at the KGS is included below.

The site is located in the Missouri River valley uplands in the northeast corner of Kansas. It lies within the Dissected Till Plains physiographic province where thick loess deposits mantle the uplands. Limestone and shale bedrock outcrop in the valley walls and alluvial material fill the river valleys. Nearby WCC-5 well records indicate that the depth to water in the loess is approximately 15 to 35 ft bgs.

Soils at the site are within Monona association and are formed from calcareous silty loess deposits. These soils are easily eroded with severe slopes and generally classified as ML and CL by the USC system. Soil properties associated with the construction of small commercial buildings is considered severe due to the slopes in some places. Areas with uncontrolled surface water runoff or high groundwater may be susceptible to slope failures.

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The review of regional geologic information along with an aerial photo, building diagrams, and the project summary provided by Mo-Kan indicate that there are no unduly adverse geologic conditions that should affect this project. For the purposes of the grant process, clearance of the project should proceed.

This letter is an assessment based on the regional geologic conditions available at the KGS at the time of writing and cannot be used in substitute of a detailed site characterization. Other geologic conditions, not discussed herein, or for which the KGS has no knowledge, may affect the viability or safe operation of this facility or property. It is the responsibility of the applicant to provide any necessary characterization, geotechnical or environmental testing, or design by a licensed professional geologist or engineer to complete the project.

Sincerely,

A handwritten signature in black ink, appearing to read 'Sh Lyle'.

Shane Lyle, RG
Geology Extension Coordinator

cc: Dan Suchy, KGS Data Resources Library



April 13, 2007

Kansas Geological Survey
1930 Constant Avenue
Lawrence, KS 66047-3726

RE: Request for consultation regarding the proposed project in accordance with 36 CFR 800

Dear Sirs:

We are requesting a consultation regarding the proposed project in accordance with 36 CFR 800. The project is located in Highland, Doniphan County, Kansas. The city of Highland has been awarded a KAN-STEP grant #07-ST-401, for the purpose of constructing a new multi-purpose building/fire station.

Contact for City of Highland
Ken Stewart
P.O. Box 387
Highland, KS 66035
(785)442-3765

Contact for Mo-Kan Regional Council
Jackie Wolf
1302 Faraon Street
St. Joseph, MO 64501
(816)233-3144

In order for your agency's comments to be considered, they must be received in writing to Mo-Kan Regional Council, on or before May 13, 2007. If your agency does not respond by the specified date, it will be considered as a "no comment" on the project.

Information about this project may be obtained by contacting Jackie Wolf, Mo-Kan Regional Council, by phone at (816) 233-3144 or by e-mail at jackie@mo-kan.org.

Respectfully submitted,

Jackie Wolf
Grant Administrator

PRELIMINARY ENGINEERING / ARCHITECTURAL REPORT

NEW FIRE STATION / COMMUNITY CENTER CITY OF HIGHLAND, KANSAS

Prepared by: Dan Hall, AIA - Vice President
BG Consultants, Inc.
4806 Vue Du Lac Place
Manhattan, Kansas 66503
785/ 537-7448 x 104
dan@bgcons.com

The new Fire Station / Community Center is designed to be located on the west edge of Highland, just beyond the Highland Community College campus.

The new Fire Station / Community Center is a one-story building, consisting of 9,088 square feet plus an airlock entry at the south. Site improvements include a sanitary sewer lift station, sidewalks, and an on site concrete approach and drive.

The Community Center portion of the facility includes a 52' x 63' meeting room, 21' x 16' conference room, 18' x 18' kitchen with an outside entrance, 18' x 9' chair & table storage, 11' x 8' airlock entry, accessible men's and women's restrooms, 6' x 6' janitor room, and mechanical room.

The Fire Station side of the building consists of a 59' x 63' equipment bay, 14' x 9' bunk room, 16' x 9' bunk room, 9' x 10' staff restroom, and 18' x 9' office. The equipment bay is located at the east end of the structure, and is provided with four overhead doors at the south for fire apparatus access.

The building is of wood frame construction, with metal roofing and siding at the exterior, and painted gypsum board walls and ceiling at the interior.

BG Consultants, Inc. were awarded the architectural services contract by the City of Highland on April 6, 2006. Several meetings involving the City of Highland and Dan Hall of BG Consultants, Inc. were conducted at Highland City Hall in order to complete the preliminary planning and cost estimating for this project. A preliminary cost estimate was finalized and distributed on July 27, 2006.

1. Project Need: Describe the entire proposed project, regardless of the funding source. Discuss the number of households affected.

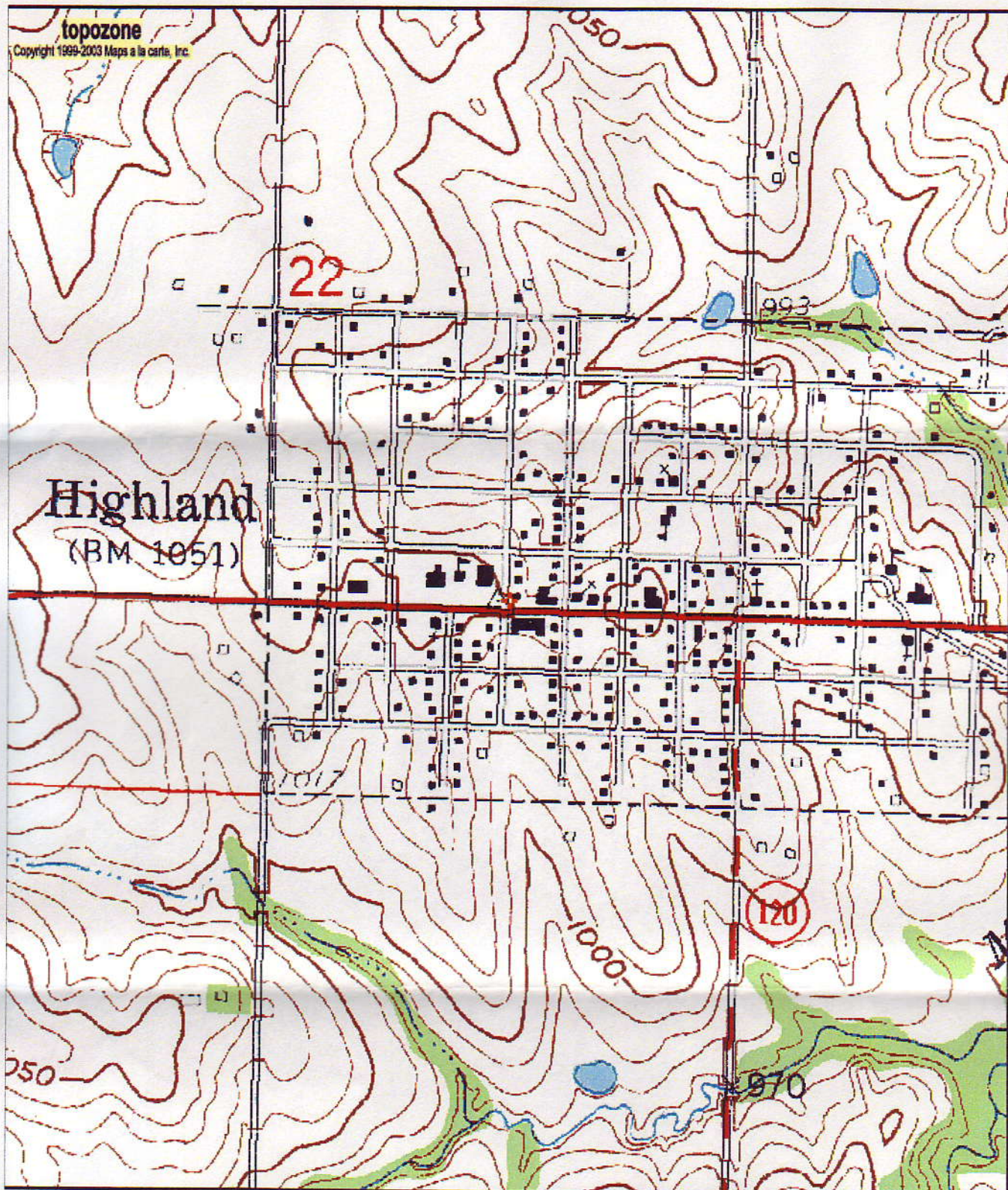
The City of Highland is located in the extreme northeast corner of the State of Kansas. It is a small, agriculturally based community and due to its geographic isolation have few economic opportunities and limited social services or amenities. Therefore, the majority of its residents must commute to nearby trade centers for work and to receive such social services and amenities.

Understanding this, Highland is committed to providing a safe, accessible facility to host public gatherings, thereby allowing equal access to all area residents and visitors. The City of Highland proposes to construct a facility to address needs the community currently lacks. Following several months of informal public inquiry, the city decided to pursue a multi-purpose facility through the KAN-STEP program. The 8,960 square foot multi-purpose building will be located in Highland and will include a community center and fire station. It will serve all residents of the community.

The city currently does not have a facility substantial enough to conduct large public meetings. This is particularly detrimental during community meetings where vital matters are being discussed. The proposed building would offer a large central room for this purpose. Concurrently, the room would provide area residents a local space to hold family gatherings, such as weddings, family reunions, etc. The citizens of Highland do not have a venue capable for hosting such events. As a result, a family might have to drive 30 to 40 minutes for a facility large enough to meet this need. The central room would also serve as a triage/emergency management center in the event of a natural disaster. As noted, Highland is located several miles from the nearest health care facility and such a structure would be an important resource for emergency providers. (This would be particularly significant if Highland's school or nursing care facility was damaged.)

Another need is a larger fire station that is functional and offers modern conveniences. Highland's current fire station is 2,700 square feet and houses three offices, two bathrooms, two ambulance bays, and three parking bays for fire trucks. This confined space creates potentially dangerous situations when firefighters and emergency medical services (EMS) professionals leave for emergency calls. Additionally, with a staff of 50 volunteers and two full-time personnel the existing station does not provide adequate space for training. A larger location would solve many logistical training problems.

The City of Highland is requesting \$299,050 in Community Development Block Grant funds for the construction of the multi-purpose building. The city and Doniphan County Rural Fire District Number Two (DCRFD #2) will provide \$80,000. Labor and additional materials will be volunteered. As noted, the facility will serve the entire population of Highland.

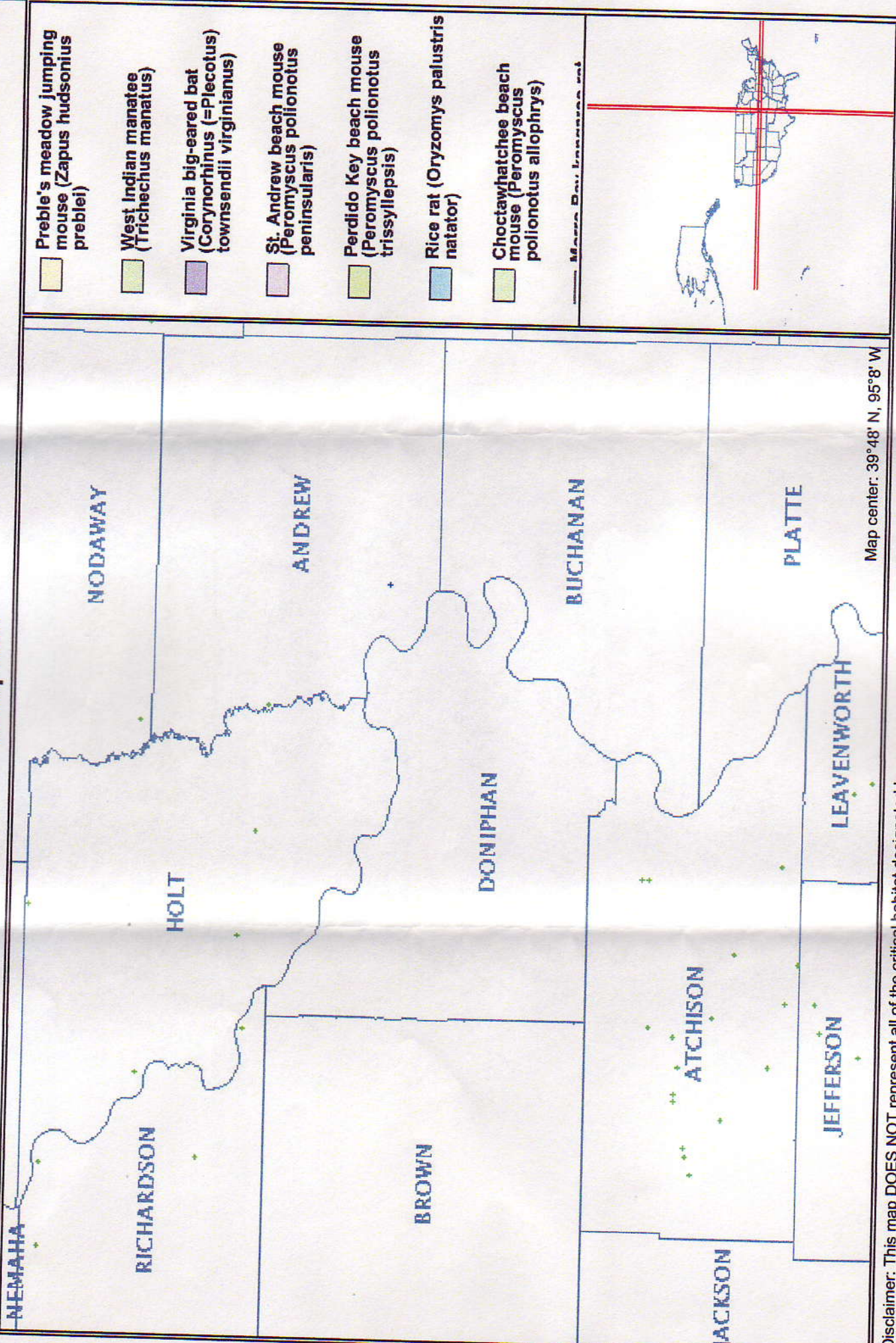


0 0.1 0.2 0.3 0.4 0.5 km
0 0.09 0.18 0.27 0.36 0.45 mi

UTM 15 305871E 4414442N (NAD27)
Highland, USGS Highland (KS) Quadrangle
Projection is UTM Zone 15 NAD83 Datum

M
G
M=3.6
G=-1.455

doniphan





U.S. Environmental Protection Agency

Superfund Information Systems

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EPA Home > Superfund > Sites > Superfund Information Systems > Search Superfund Site Information > Search Results

Superfund Site Information

Search Results

Search Criteria:

Active vs. Archived:

NPL Status(es):

Active [What are active and archived sites?](#)

Currently on the Final NPL

Deleted from the Final NPL

Proposed for NPL

Found 1623 site(s) that match your search criteria listed above.

To conduct another search, return to the [Search Superfund Site Information](#) page or request a [Customized SIS Report](#).

[Save results in Excel format](#)

Previous (401 - 425)

Displaying sites 426 through 450

Next (451 - 475)

EPA ID ▼	Site Name ▼	City ▼	County ▼	State ▼	NPL Status ▼
IND980794549	NEAL'S DUMP (SPENCER)	SPENCER	OWEN	IN	Deleted NPL
IND980614556	NEAL'S LANDFILL (BLOOMINGTON)	BLOOMINGTON	MONROE	IN	Final NPL
IND980794432	NINTH AVENUE DUMP	GARY	LAKE	IN	Final NPL
IND050530872	NORTHSIDE SANITARY LANDFILL, INC.	ZIONSVILLE	BOONE	IN	Final NPL
IND980684583	POER FARM	HANCOCK COUNTY	HANCOCK	IN	Deleted NPL
IND006377048	PRESTOLITE BATTERY DIVISION	VINCENNES	KNOX	IN	Final NPL
IND000807107	REILLY TAR & CHEMICAL CORP. (INDIANAPOLIS PLANT)	INDIANAPOLIS	MARION	IN	Final NPL
IND040313017	SEYMOUR RECYCLING CORP.	SEYMOUR	JACKSON	IN	Final NPL
IND980607360	SOUTHSIDE SANITARY LANDFILL	INDIANAPOLIS	MARION	IN	Deleted NPL
IND980997639	TIPPECANOE SANITARY LANDFILL, INC.	LAFAYETTE	TIPPECANOE	IN	Final NPL
IND006038764	TRI-STATE PLATING	COLUMBUS	BARTHOLOMEW	IN	Deleted NPL
IND047030226	U.S. SMELTER AND LEAD REFINERY, INC.	EAST CHICAGO	LAKE	IN	Proposed NPL
IND980504005	WASTE, INC., LANDFILL	MICHIGAN CITY	LA PORTE	IN	Final NPL
IND048989479	WAYNE WASTE OIL	COLUMBIA CITY	WHITLEY	IN	Final NPL
IND980794374	WEDZEB ENTERPRISES, INC.	LEBANON	BOONE	IN	Deleted NPL
IND980999791	WHITEFORD SALES & SERVICE INC./NATIONALEASE	SOUTH BEND	ST. JOSEPH	IN	Deleted NPL
KSD007241656	29TH & MEAD GROUND WATER CONTAMINATION	WICHITA	SEDGWICK	KS	Deleted NPL
KSD981710247	57TH AND NORTH BROADWAY STREETS SITE	WICHITA	SEDGWICK	KS	Final NPL
KSD046746731	ACE SERVICES	COLBY	THOMAS	KS	Final NPL
KSD980500789	ARKANSAS CITY DUMP	ARKANSAS CITY	COWLEY	KS	Deleted NPL
KSD9806886174	BIG RIVER SAND CO.	WICHITA	SEDGWICK	KS	Deleted NPL
KSD031349624	CHEMICAL COMMODITIES, INC.	OLATHE	JOHNSON	KS	Final NPL
KSD980741862	CHEROKEE COUNTY	GALENA	CHEROKEE	KS	Final NPL
KSD980632301	DOEPKE DISPOSAL (HOLLIDAY)	SHAWNEE MISSION	JOHNSON	KS	Final NPL
KS6214020756	FORT RILEY	JUNCTION CITY	RILEY	KS	Final NPL

Previous (401 - 425)

Displaying sites 426 through 450

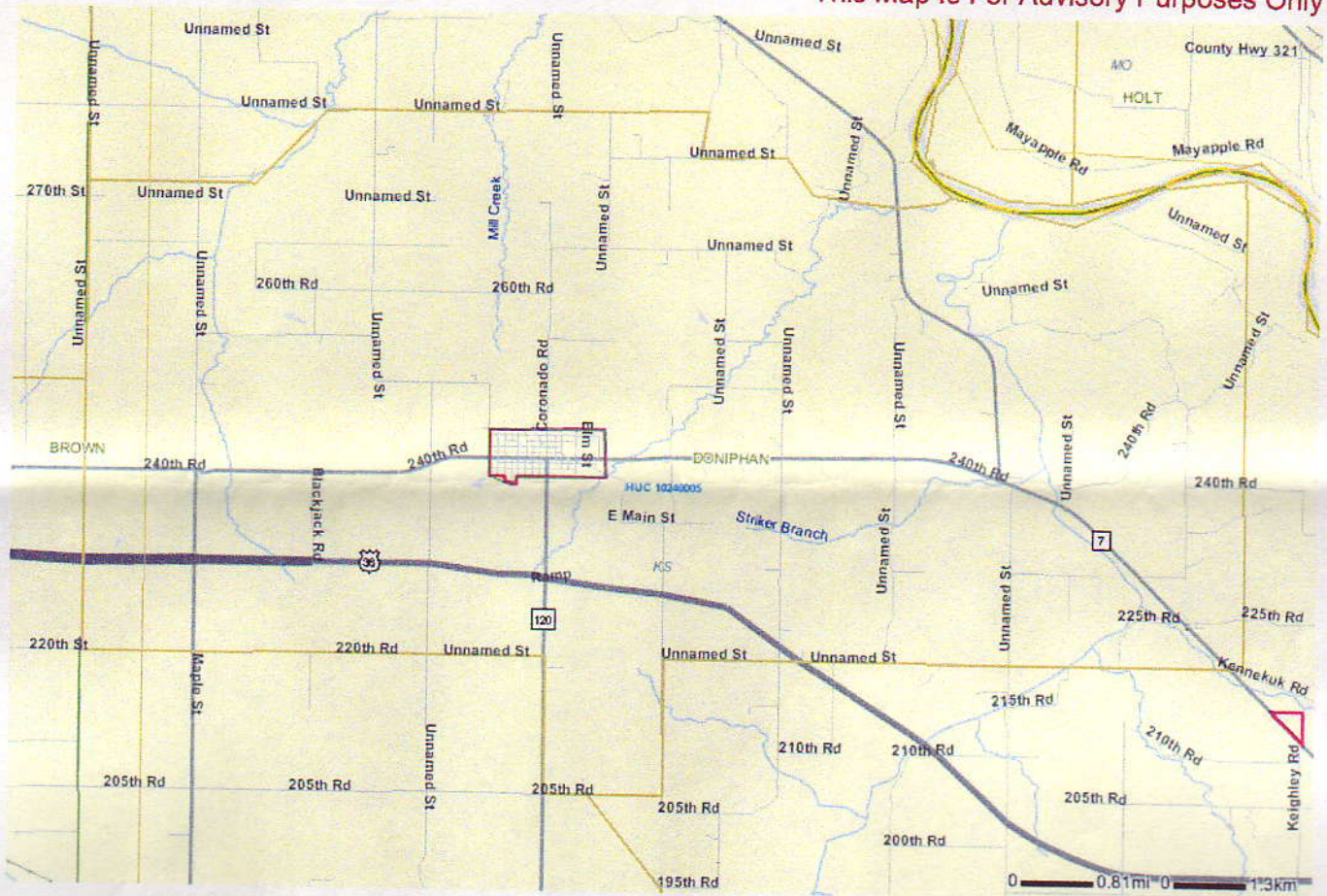
Next (451 - 475)

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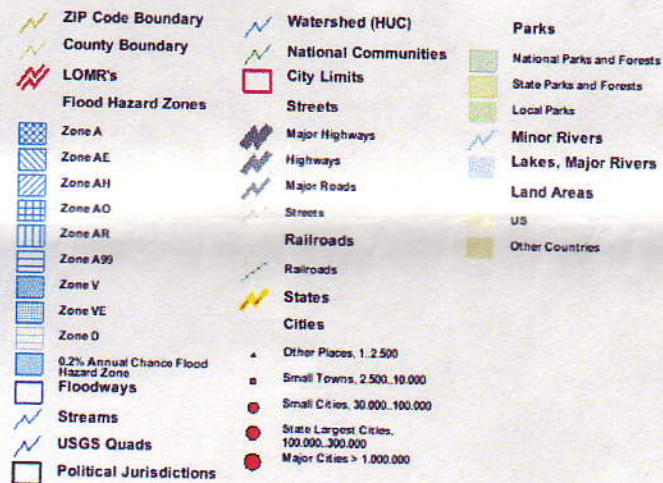
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URL: <http://cfpub.epa.gov/supercpad/cursites/srchreult.cfm>
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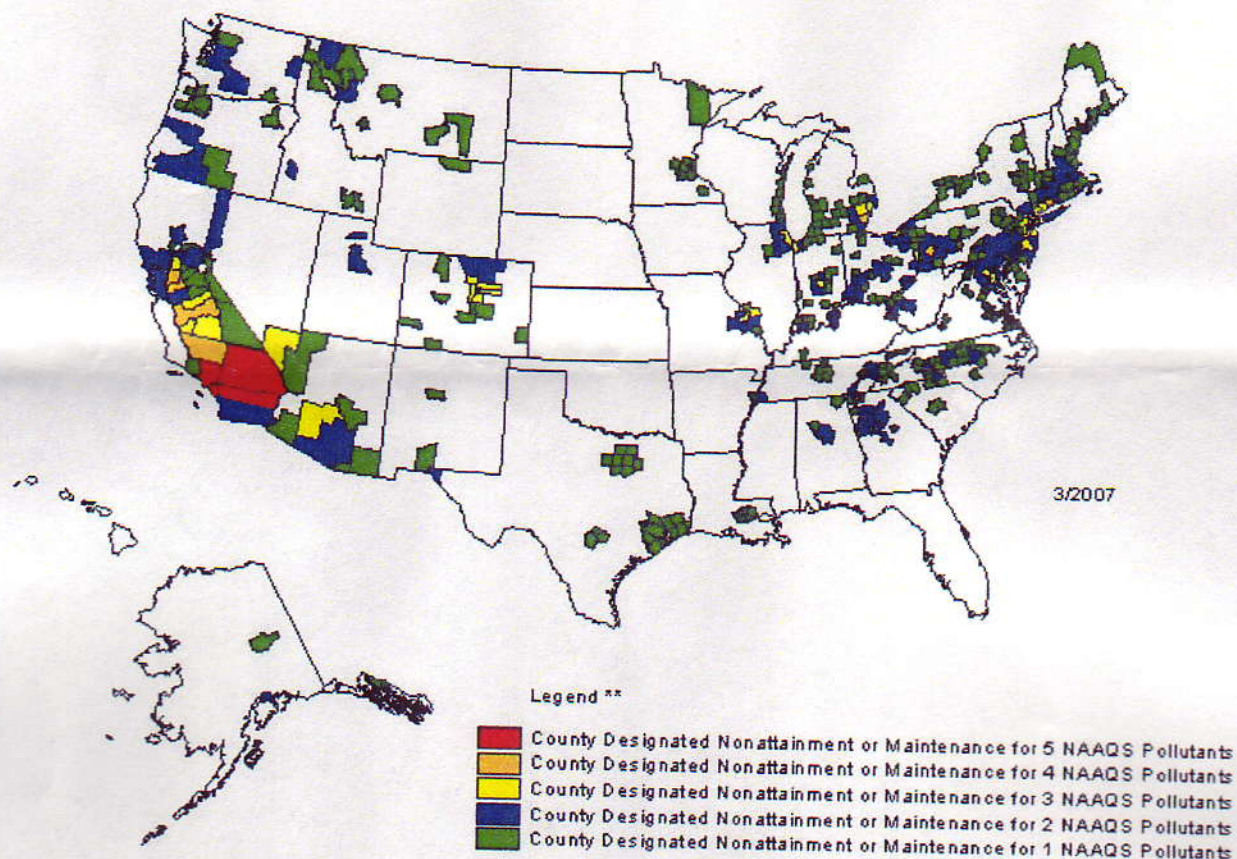
Legend



FEMA

Counties Designated "Nonattainment" or "Maintenance"

for Clean Air Act's National Ambient Air Quality Standards (NAAQS) *



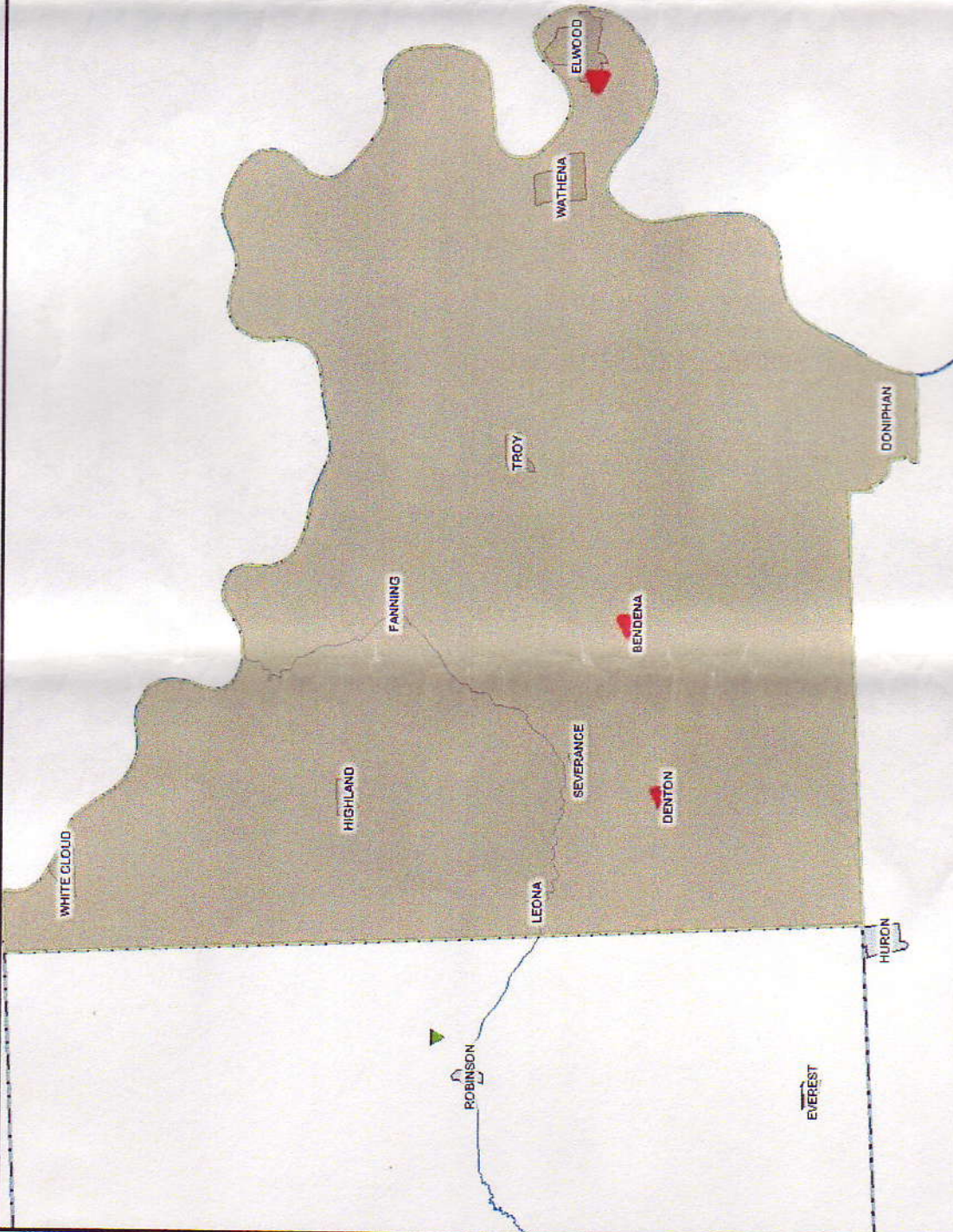
Guam - Piti and Tanguisson Counties are designated nonattainment for the SO₂ NAAQS
 Puerto Rico - Mun. of Guaynabo is designated nonattainment for the PM₁₀ NAAQS

* The National Ambient Air Quality Standards are health standards for lead, carbon monoxide, sulfur dioxide, ground level 8-hour ozone, and particulate matter (PM-10 and PM-2.5). There are no nitrogen dioxide nonattainment areas.

** Partial counties, those with part of the county designated nonattainment and part attainment, are shown as full counties on the map. Green Book reports should be checked for complete county information.



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



Legend

- Selected By Buffer
- Active
- Resolved with Restrictions
- Resolved
- Transferred out of Bureau
- Feature Buffer
- Selected Features
- Identified Sites
- Active
- Resolved with Restrictions
- Resolved
- Transferred out of Bureau
- Water Bodies
- Rivers
- County
- Local Roads
- Railroads
- Populated Places



Data Source:
TIGER 2000
KDHE - Bureau of Remediation
Printed: 4/12/2007 3:27:45 PM

KDHE makes no assurances of the accuracy or validity of information presented in the Identified Sites List. Site information will not reflect any changes made since the date of the last update (shown on the search page). Please contact the project manager of the site if you have questions about information presented.

Locations of sites appearing on maps are approximate.

Except for the limited purposes allowed in K.S.A. 21-3914, knowingly selling, giving, or receiving any list of names, addresses and maps contained in or derived from public records is a crime.



U.S. Environmental Protection Agency

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Features Legend Facilities

Redraw Map

Map Features

Regulated sites

- ☒ Multi-activities
- ☒ Superfund
- ☒ Toxic releases
- ☒ Water dischargers
- ☒ Air emissions
- ☒ Hazardous waste

Water features

- ☒ Impaired water bodies
- ☒ Impaired streams
- ☒ Streams

Places

- ☒ Schools
- ☒ Churches
- ☒ Hospitals
- ☒ Shaded Relief
- ☒ TerraServer Photo

Legend

- ☒ Multi-activities
- ☒ Superfund
- ☒ Toxic releases
- ☒ Water dischargers
- ☒ Air emissions
- ☒ Hazardous waste
- ☒ Impaired water bodies
- ☒ Impaired streams
- ☒ Streams

- ☒ Schools
- ☒ Churches
- ☒ Hospitals

Facilities in the window:

- DIVELEY, LOGAN AND SONS
- HIGHLAND CITY OF SEWER TREATMENT
- HIGHLAND COMM COL
- N. R. HAMM QUARRY, INC.
- N.R. HAMM QUARRY, INC.
- N.R. HAMM QUARRY, INC.
- RUHNKE FARMS, INC.

