

February 13, 2009

Becky Voorhies, Grant Administrator
Southeast Kansas Regional Planning Commission
P.O. Box 664
Chanute, Kansas 66720-0664

Re: Cherryvale Housing Rehabilitation

Dear Ms Voorhies,

The Kansas Geological Survey (KGS) has received your request for us to review the above referenced project. The project involves rehabilitating approximately 16 residential structures located within the city limits of Cherryvale, Kansas. Individual structures have not been identified yet. When they are, an individual environmental review will be completed on each structure.

A review of regional geologic information and project information provided by you indicates that there are no unduly adverse geologic conditions that should affect this project. However, according to the USDA Soil Survey of Montgomery County, the soils underlying parts of the city, particularly the western portion, have a shrink-swell potential that is a severe limitation if this soil is used for buildings. Also, the wetness is a severe limitation on sites for dwellings with basements. These characteristics will need to be considered, particularly for any foundation design. Properly designing and reinforcing foundations and backfilling with porous material help to prevent damage caused by shrinking and swelling.

Also, the KGS WWC-5 database indicates the presence of monitoring wells at a potential environmental site or sites in the city. Other environmental factors that could affect this project will likely be more site-specific in nature or dependent on the structure (e.g., asbestos, lead paint, USTs, etc.). Site-specific factors will need to be considered in the individual environmental reviews for each structure. A completed request for environmental comments form is enclosed.

This letter is an assessment based on information about the regional geologic conditions available via the KGS 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 of the project. 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,



David P. Young,
Hydrologist

Encl

cc: Dan Suchy, KGS Data Resources Library

Request for Environmental Assessment Comments

REPLY REQUESTED BY: 2/20/09

TO: Kansas Geological Survey University of Kansas 1930 Constant Avenue, Campus West Lawrence, KS 66047 (Please indicate any change in address or personnel)	GRANT NUMBER AND PROGRAM: HR08- Home Investment Partnerships Program funded by Kansas Housing Resources Corporation
APPLICANT NAME AND ADDRESS: City of Cherryvale 123 W. Main Cherryvale, KS 67335	RETURN TO: Becky Voorhies, Grant Administrator Southeast Kansas Regional Planning Commission P.O. Box 664 Chanute, KS 66720-0664 620-431-0080
PROGRAM ACTIVITY/PROJECT NAME: Housing Rehabilitation	LOCATION: Chanute , Kansas (Neosho County) The project will be confined to the corporate limits of Cherryvale, KS.

PROGRAM ACTIVITY/DESCRIPTION: This project will consist of rehabilitating approximately 16 residential structures located within the city limits of Cherryvale, KS. A map of Cherryvale is attached. Individual structures have not been identified yet. When they are, and individual environmental review will be completed on each structure.

REVIEW AGENCY COMMENTS:

No Comment ☐

Project Approval ☒

Other ☐ (Explain Below)

Please see cover letter.

SIGNATURE: Dan P. Yur	TITLE: Hydrologist	DATE: 2/13/09
------------------------------	---------------------------	----------------------



Text the word "GMAPS" to 466453

