



KANSAS GEOLOGICAL SURVEY

June 8, 2006

The University of Kansas
1930 Constant Ave
Lawrence KS 66047-3726
phone 785-864-3965
fax 785-864-5317
www.kgs.ku.edu

Mr. Douglas Clary
USDA, Rural Development
2615 Farm Bureau Road
Manhattan, Kansas 66502

RE: City of Clay Center—Housing Development Project

Dear Mr. Clary:

I have received your request for comment by the Kansas Geological Survey (KGS) on an application to USDA Rural Development from the City of Clay Center, Kansas. The loan is to finance the development of paved streets and curb/gutters for a new housing development project that will be located south of 19th Street, between 9th and 12th streets in Clay Center.

I examined the USGS Clay Center NE 7½-minute topographic map, a 2002 orthophotograph, and the geologic report of Clay County (Walters and Bayne, 1959, KGS Bulletin 136). The geologic map indicates that the site is on Quaternary Silt. The Quaternary Silt is dominantly loess (wind transported sediment) and has a low permeability. Below the Quaternary Silt is Permian Wellington Formation. In Clay County, Hutchinson Salt, which has associated subsidence issues, is not present within the Wellington Formation. The site is at the crest of a hill and should not have landslide or karst problems. The Kansas Geological Survey has no knowledge of geologic issues affecting this application.

The above discussion represents our best assessment based on the information that the Kansas Geological Survey has about this locality and/or proposed project at the time of this writing. Other geologic conditions, not discussed herein, or for which the Kansas Geological Survey has no knowledge, may affect the viability or safe operation of this facility or property. The information provided in this letter is from regional or countywide studies and should not be used as a substitute for detailed site characterization by a licensed geologist or engineer. It is the responsibility of the applicant to provide any required site characterizations.

If you have any questions, please contact me at (785) 864-2194 or ohlmac@kgs.ku.edu.

Sincerely,

Gregory Ohlmacher, P.G.
Associate Scientist

Enc: Agency Review Transmittal Form

Comments by: G. Ohlmacher
Ks. Geological Survey
1930 Constant Avenue
Lawrence, Ks. 66047

Transmittal Date: May 24, 2006

PROJECT TITLE: City of Clay Center-
Housing Development Project

CONTACT PERSON:

☐ Notification of Intent
☐ Preapplication
☐ Final Application
☐ Direct Development

This form provides notification and the opportunity for your agency to review and comment on this proposed project required by executive Order 12372. Please complete Parts II & III as appropriate. Your prompt response will be appreciated.

RETURN TO: **USDA RURAL
DEVELOPMENT,
2615 Farm Bureau Road
Manhattan, Ks. 66502
Attn: Doug Clary**

PART I

REVIEW AGENCIES/COMMISSIONS

☐ Aging	☐ Education	☐ State Forester
☐ Agriculture-DWR	☒ Geological Survey, KS	☐ Transportation
☐ Biological Survey, KS	☐ Health & Environment	☐ Water Office, Kansas
☐ Conservation Commission	☐ Historical Society	☐ Wildlife & Parks
☐ Corporation Commission	☐ Human Resources	☐
☐ Commerce	☐ Social & Rehab. Services	☐

PART II (To be completed by review agency and returned to contact person)
AGENCY REVIEW COMMENTS

COMMENTS: *See cover letter for comments.*

PART III (To be completed by review agency and returned to contact person)
RECOMMENDED ACTION COMMENTS

☒ Clearance of the project should be granted.	☐ Clearance of the project should not be delayed but the Applicant should be (in the final application) address and clarify the questions or concerns indicated above.
☐ Clearance of the project should not be granted.	
☐ Clearance of the project should be delayed until the issues or questions have been clarified.	☐ Request the opportunity to review final application prior to submission to the federal funding agency.
☐ Request a State Process Recommendation in concurrence with above comments.	

Reviewer's Name  DIVISION/AGENCY/COMMISSION _____ Date: June 8, 2006
PLEASE FAX THIS FORM TO 785-539-2733 As Soon As Possible.



**United States Department of Agriculture
Rural Development**

May 24, 2006

G. Ohlmacher
Ks. Geological Survey
1930 Constant Avenue
Lawrence, Ks. 66047

RE: City of Clay Center – Housing Development project

The City of Clay Center, Kansas is in the process of making application to USDA Rural Development to finance the development of paved streets and curb/gutters for a new housing development project which will be located north of the middle school. A separate application will be submitted for the construction of new water and sewer lines.

This property is located just south of 19th street, between 9th street on the west and 12th street on the east. The total area of the development will be approximately 37 acres. The enclosed map depicts the proposed site location.

The project will comply with appropriate State laws concerning the application.

I have enclosed an "Agency Review Transmittal Form" for your response back to this office. You may also contact this office if you have any questions regarding the proposed project.

This letter is providing notification of the above-proposed project, as well as the opportunity for your agency to review and comment on the proposed project as required by Executive order 12372.

If you have any environmental issues concerning the proposed project, please provide written comments to this office within 30 days of the date of this letter. If there are no areas of concern or comments, we appreciate your negative report by indicating below and returning this letter to the address listed below.

USDA, Rural Development will not obligate funds for this project until after the 30 days have expired and until we have completed an Environmental Assessment of the project. You may fax your response back to us at (785) 539-2733. Thank you for your attention to this matter.

Sincerely,

Douglas K Clary
Area Specialist

DKClary:dkc

Attachments

2615 Farm Bureau Road • Manhattan, KS 66502
(785) 776-7582 • Fax (785) 539-2733 • www.rurdev.usda.gov/ks

Committed to the future of rural communities

19TH ROAD

**PROPOSED ENTERPRISE
DEVELOPMENT CORP.
HOUSING PROJECT**

County Owned - Reserved
for Educational Purposes.

Clay Center Middle School

Clay Center High School

Clay Center Kansas

APPROX 37

APPROX 12.5A

Future development
63 A

TWELTH STREET

NINTH STREET