



KANSAS GEOLOGICAL SURVEY

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

January 4, 2006

Mr. David E. Barber, Area Specialist
Rural Development
U. S. Department of Agriculture
2715 Canterbury Drive
Hays, Kansas 67601

RE: Agency Review Transmittal Form for City of Lyons, Natural Gas Pipes

Dear Mr. Barber:

I have received your request for comment by the Kansas Geological Survey on an application to USDA Rural Development by the City of Lyons. The money will be used to replace the natural gas distribution system. The following comments are based on the assumption that the natural gas system to be replaced is within the city limits of Lyons.

I reviewed the information you provided that included a map of the City of Lyons. Additionally, I examined data from the Lyons 7½ minute quadrangle, a report on the geology of Rice County (Kansas Geological Survey Bulletin #206 Part 3) and the soil survey of Rice County. The City of Lyons is on loess, primarily wind deposited silt, and some alluvium. The soil units include Geary, Geary-Clark, and Hobbs soils. I examined the expansive (shrink-swell) soil data in the soil survey, and all of the units have low to moderate shrink-swell potential. Soils with high shrink-swell potentials could eventually damage the new pipes; however, expansive soils do not appear to be an impediment to this project. If highly expansive soils are encountered, proper engineering can remediate the problem. Based on this information, the Kansas Geological Survey has no knowledge of geologic factors that would adversely affect this project.

I have signed and enclosed the "Agency Review Transmittal Form."

Sincerely,

Gregory Ohlmacher, P.G.
Associate Scientist

Enc.

AGENCY REVIEW TRANSMITTAL FORM

Comments by:

Gregory Chlupach
KS Geological Survey,
1930 Constant Ave
Lawrence, KS 66047

Transmittal Date: December 20, 2005

PROJECT TITLE: City of Lyons

CONTACT PERSON: Brandon S. Prough

☐ 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
2715 CANTERBURY DRIVE
HAYS, KS 67601

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 data cited and 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 submission issues or questions have been clarified.	☐ Request the opportunity to review final application prior to to the federal funding agency.
☐ Request a State Process Recommendation in concurrence with above comments.	

DIVISION/AGENCY/COMMISSION

Reviewer's Name:

[Signature]

Date:

1/4/06

PLEASE FAX THIS FORM TO (785) 625-6065 As Soon As Possible. THANK YOU



United States Department of Agriculture
Rural Development

December 20, 2005

KS Geological Survey
Dr. Lee Allison, Director
1930 Constant Ave
Lawrence, KS 66047

Subject: Agency Review Transmittal Form

The City of Lyons has submitted a community facilities application to USDA, Rural Development, 2715 Canterbury Drive, Hays, KS 67601 to replace the natural gas distribution system. The City of Lyons Natural Gas Distribution System is owned by the City of Lyons and has for over 70 years. The current natural gas distribution system has deteriorated beyond repair and is in need of immediate replacement for the safety of the community. The Kansas Corporation Commission has specified that the system should be replaced within the next 12 months to preclude having a catastrophic event from the possibility of a natural gas explosion resulting from the leaks.

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.

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) 625-6065. Thank you for your attention to this matter.

Sincerely,


David E. Barber
Area Specialist

Enclosure

DEBarber:lz

2715 Canterbury Drive • Hays, KS 67601
(785) 628-3081 • Fax (785) 625-6065 • www.rurdev.usda.gov/ks

Committed to the future of rural communities

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This Will Help You Find It!

- 1 U.S. POST OFFICE
2. RICE COUNTY COURT HOUSE
- 3 LYONS CITY HALL - LIBRARY - MUSEUM
- 4 JR. HIGH SCHOOL
- 5 LYONS HIGH SCHOOL
- 6 STAHL ATHLETIC FIELD AND TENNIS COURTS
- 7 PARK SCHOOL - BOY SCOUT CABIN - CITY PARK
8. CENTRAL ELEMENTARY SCHOOL
9. SOUTH SCHOOL
- 10 RICE CO AGRICULTURE BUILDING
- 11 GIRL SCOUT CABIN
12. COUNTRY CLUB & GOLF COURSE
- 13 MUNICIPAL WATER WORKS
- 14 OVERNIGHT TRAILER PARK & 4-H GROUNDS
- 15 MISSOURI PACIFIC STATION
- 16 SANTA FE & FRISCO STATION
- 17 BUS STATION
- 18 RICE COUNTY JAIL AND POLICE STATION
- 19 LYONS REST HOME
- 20 SWIMMING POOL
21. HOSPITAL

REFER TO BACK OF THIS SHEET
FOR STREET LOCATION CHART.

