

KANSAS GEOLOGICAL SURVEY

1930 Constant Ave., Campus West
The University of Kansas
Lawrence, Kansas 66047-3726
phone 785-864-3965
fax 785-864-5317

Proposed Project for Application to a Government Agency for Assistance

Applicant: Rural Water District No. 8, Osage County, Kansas
Water Supply System Improvements, Connection to City of Eskridge

Contact Person: Michael E. Kramer, P.E.
Address: Kramer Engineering, P.A.
2348 SW Topeka Blvd.
Topeka, KS 66611-1286

Sent to the Kansas Geological Survey for environmental review.

Agency Review Comments:

The map of the project shows that the 6-inch water transmission pipeline will extend in an east-west direction and cross a few small streambeds. The location of the pipeline is in an area of alternating layers of shale and limestone bedrock. There may not be substantial thicknesses of stream sediment above the bedrock in the small stream valleys to allow very deep burial of the pipeline under the streambed to protect against stormflows in the streams. The letter describing the project did not indicate whether the pipeline would be attached to bridges or placed within the streambed in the stream valleys. Assuming that the pipeline can be protected satisfactorily along the streambed crossings, the long-term benefits of the improvements to the water-supply system should offset any short-term adverse environmental impacts during construction.

Recommended Action:

- ☒ Clearance of project should be granted
- ☐ Clearance of project should not be granted
- ☐ Clearance of project should be delayed until the issues or questions have been clarified
- ☐ Clearance of project should not be delayed, but the applicant (in the application) should address or clarify the questions or concerns indicated above

Donald Whittemore
Reviewer's Name

Geohydrology Section, Kansas Geological Survey
Division/Agency

10/31/06
Date

Reviewer's Signature

Note: The original letter requesting review included a blank piece of paper instead of the map of the project location. Two email requests for the map were made and then a phone request. I received the map in the mail on October 30 after returning from a trip to a conference.

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 county-wide 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.



KRAMER ENGINEERING, P.A.

CONSULTING ENGINEERS • SURVEYORS

2348 SW TOPEKA BLVD • TOPEKA, KANSAS 66611 • 785-234-6600 • FAX 785-234-6611

August 30, 2006

Re: Water System Improvements
Rural Water District No. 8,
Osage County, Kansas
Connection to the City of Eskridge

Dear Addressee:

Enclosed for your comments is an Intergovernmental Review Form for the referenced project and site location map. Please complete the transmittal form and return it to our office by September 30, 2006.

The proposed project consists of the following: new master meter pit and connection to the City of Eskridge, and 24,720 L.F. of 6" PVC Plastic water supply line and appurtenances. The master meter pit will be located in a private easement at the southeast corner of Eskridge, on the NW corner of the intersection of Eight Mile Road and Bronc Rider Road. The supply line will be located along Eight Mile Road, and will be located in a private easement and road right-of-way. The supply line will connect to the existing RWD No. 8 line at Bodark Road.

If you have any questions about the review or the project, please contact me at (785) 234-6600.

Sincerely,

KRAMER ENGINEERING, P.A.

Michael E. Kramer

Michael E. Kramer, P.E.
President

MEK/cs

Enclosures

INTERGOVERNMENTAL REVIEW TRANSMITTAL FORM

Comments By: Kansas Geological Survey Transmittal Date August 30, 2006

Project Title: Water System Improvements, Rural Water District No. 8, Osage County,
Connection to the City of Eskridge

Contact Person: Michael E. Kramer, P.E., Project Engineer

Return To: KRAMER ENGINEERING, P.A.
2348 SW Topeka Blvd.
Topeka, Kansas 66611-1286

This form provides notification and the opportunity for your agency to review and comment on the proposed project as required by Executed Order 12372. Please complete Parts I and II as appropriate. Your response by September 30, 2006 will be appreciated.

PART I - AGENCY REVIEW COMMENTS:

PART II - RECOMMENDED ACTION COMMENTS:

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

Reviewer's Name: _____

Date: _____

WATER SYSTEM RURAL WATER DISTRICT CONNECTION TO THE CITY

T. 14 S.
R. 12 E.

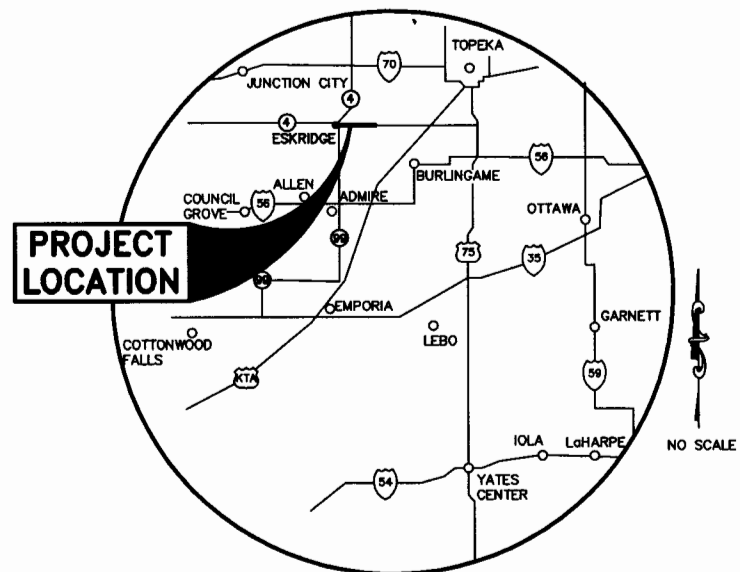


BOARD OF DIRECTORS

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Manager/Operator	Dale Smitha
Office Administrator	Darla Garrett

AREA MAP

(AREA MAP IS NOT INTENDED FOR USE FOR CONSTRUCTION)



VICINITY MAP
NO SCALE

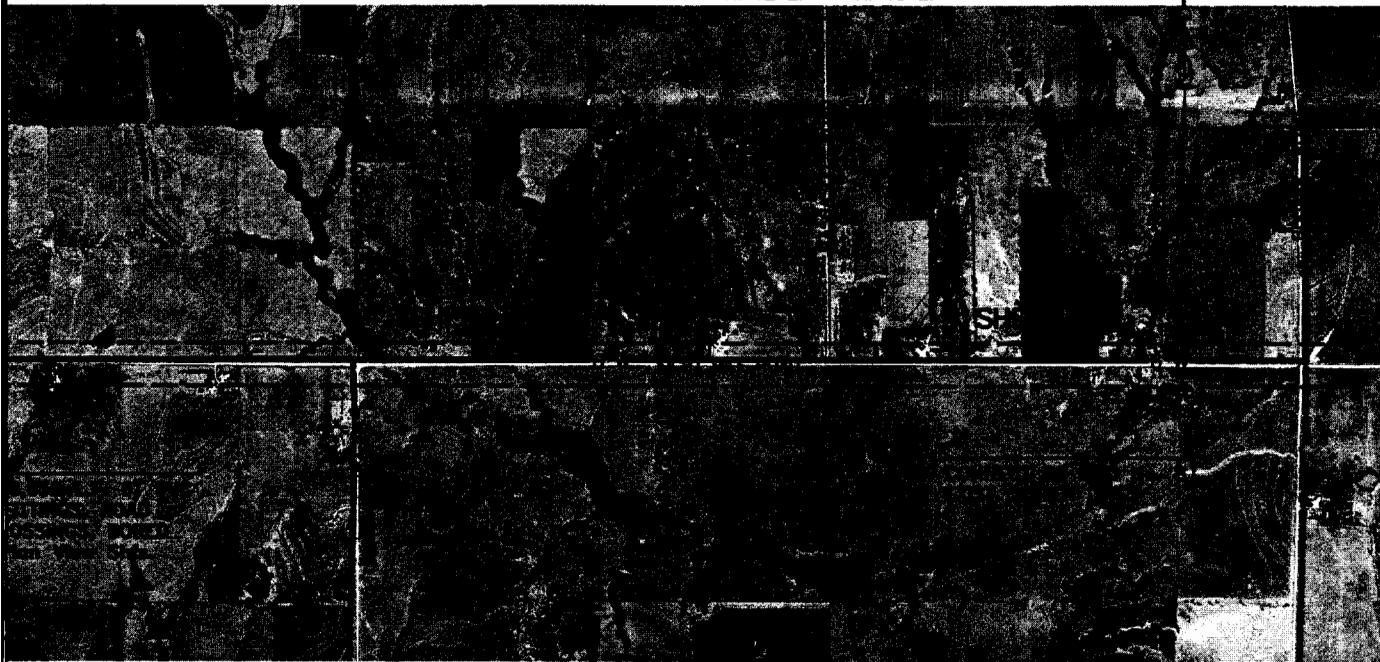
IMPROVEMENTS

T No. 8, OSAGE COUNTY

CITY OF ESKRIDGE, KANSAS

R. 12 E. R. 13 E.

T. 14 S.



INDEX TO SHEETS

1. TITLE SHEET
- 2.- 4. PLAN VIEW
5. DETAILS
6. EROSION CONTROL
PLAN & DETAIL

LEGEND

RIGHT OF WAY LINE	-----
EXIST. WATER LINE, METER & VALVE	----- 6" W -----
NEW WATER LINE, METER & VALVE	----- 6" W -----
TELEPHONE BOX & CABLE	----- UGT -----
PERMANENT EASEMENT LINE	-----
TEMPORARY EASEMENT LINE	-----
POWER POLE	■
CONNECT TO EXISTING SERVICE LINE	(A)
NEW METER, BOX & SETTER	(B)

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TOPEKA, KANSAS 66611