

March 19, 2008

Rose Mary Saunders
Kansas Rural Water Finance Authority
PO Box 3608, 200 W Douglas Avenue
Wichita, KS 67201-3608

Re: Rural Water District No. 5 - Osage County, KS

Dear Ms. Saunders:

The Kansas Geological Survey (KGS) has received Kansas Rural Water Finance Authority's February 7, 2008, request for environmental comments on behalf of Rural Water District No. 5, Osage County, KS (RWD 5). RWD 5 is preparing a Kansas Public Water Supply Loan Fund grant application.

The proposed project includes 8,000, 16,000, and 30,500 linear ft of 4 in, 6 in, and 8 in, respectively, water lines in Osage County. According to the site plan, the 4 in line is located north of 109th St in Sections 35 and 36, T13S, R15E. The 6 in line is located east of US 75 in Sections 18, 19, and 30, T15S, R16E. The 8 in line is located south of 125th St in Section 18, T14S, R16E until it turns south at S Adams Rd and variably runs east and west of S Adams through Sections 18, 20, 29, 30, 31 and 32, T14S, R16E until it reaches 157th St, turns east, and ends in Section 32, T14S, R16E on the north side of the road.

A review of regional geologic information along with site maps provided by you indicates that there are no unduly adverse geologic conditions that should affect this project. A completed environmental review form is enclosed.

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,



Shane Lyle, RG
Geology Extension Coordinator

Enclosures

cc: Dan Suchy, KGS Data Resources Library

OS Osage RWD5

A Research and Service Division of the University of Kansas

1930 Constant Avenue | Lawrence, KS 66047-3724 | (785) 864-3965 | Fax 785-864-5317 | www.kgs.ku.edu

The following form may be used by the Review Agency/Commission for comments in response to the request for clearance from the proposed Public Water Supply Loan Fund Project.

☐ Army Corps of Engineers
☐ Kansas Biological Survey
☐ State Conservation Commission
☐ Kansas Corporation Commission
☐ Division of Water Resources/Kansas Department of Agriculture
☒ Kansas Geological Survey
☐ Kansas State Historical Society/State Historic Preservation Office
☐ Kansas Water Office
☐ Kansas Department of Wildlife & Parks
☐ U.S. Dept. of Agriculture, Natural Resources Conservation Service
☐ Kansas Department of Health & Environment
☐ U.S. Department of the Interior, Fish & Wildlife Services

Agency Review Comments: (to be completed by reviewing agency and returned to applicant contact person at name and address shown below)

Comments: _____

Recommended Action: (to be completed by reviewing agency and returned to applicant contact person at name and address shown below)

☒ 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.

Julie KCS 3-18-08
Reviewer's Name Division/Agency/Commission Date

Project Title: Public Water Supply Loan Fund Application

Applicant: Rural Water District No. 5, Osage County, Kansas

Contact Person: Rose Mary Saunders, Kansas Rural Water Finance Authority

Address: P. O. Box 3608, 200 W. Douglas Avenue

City, State: Wichita, KS 67201-3608

Kansas Rural Water
FINANCE AUTHORITY



*P.O. Box 111 • Seneca, KS 66538
Ph: 785-336-3760 • Fax: 785-336-2751*

*P.O. Box 3608 • Wichita, KS 67201-3608
Ph: 316-265-4855 • Fax: 316-265-5403*

February 7, 2008

Handwritten signature
Mr. William Harrison, Director
Kansas Geological Survey
University of Kansas
1930 Constant Avenue, Campus West
Lawrence, KS 66047

RE: Rural Water District No. 5, Osage County, Kansas
Water System Improvements
KWPCRF Project No. 2476

Dear Mr. Harrison:

Rural Water District No. 5, Osage County, Kansas is preparing an application to the Kansas Department of Health & Environment for a loan from the Kansas Public Water Supply Loan Fund for the water system improvements project.

The proposed project will consist installing 8,000' of 4" water line and appurtenances along 109th from Topeka to Stewart Road, installing 16,000' of 6" water line and appurtenances along Highway 75 from 173rd to 197th and installing 30,500' of 8" water line and appurtenances and a control vault from Santa Fe Trails High School to 125th and Highway 75. All crossings will be directionally bored by the contractor.

The proposed project is located in the following sections and described by the line size. The 4" line on 109th is to be installed parallel to the road on the south side in Sections 1 and 2, T14, R15, Osage County, Kansas. Latitude and Longitude from west to east is as follows: 38°52'04.96"N and 95°42'53.20"W and 38°52'06.63"N and 95°41'11.08W. The 8" line is to be installed on the south side of Section 32-14-16 and proceeding north at the section corner and installed on the east side of the road for one mile, then the water line will be bored under the road to the west side and proceed north approximately one mile in Section 31-14-16 and 30-14-16 and cross back under the road by boring and install the line on the east side from Sections 29 and 20-14-16, then cross back under the road by boring to the west side at the intersection of 133rd and proceed north in Section 18-14-16 to the section corner and then the line will be installed on the south side of the road in the same Section. All of the above sections are located in Osage County, Kansas. The latitude and longitude of the proposed line will be from 157th Road on the south end to 125th Road on the north end. 38°46'53.09"N and 95°39'07.84"W and 38°50'23.52"N and 95°41'08.65"W.

Page Two
Kansas Geological Survey
February 7, 2008

The 6" water line will be installed on the east side of the road in Sections 18, 19 and 30, T15, R16, Osage County, Kansas. The latitude and longitude will be listed from 197th Road to 173rd Road: 38°40'22.86"N and 95°40'56.51 W and 38°45'05.85"N and 95°41'11.82"W.

Enclosed for your information is a copy of the Rural Water District Map of the proposed improvements.

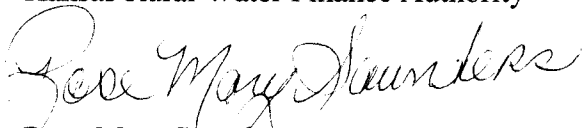
The District is in the process of acquiring water line easements. If for some reason an easement cannot be secured, the water line will then be installed in public right-of-way. No persons will need to be relocated due to the construction of this project. If there are any special permits or conditions that apply, please let us know.

We would appreciate receiving your comments by March 8, 2008 regarding this project. If you wish to respond to this letter via e-mail, my address is rsaunders@transformationof.com. A Project Review Form has been enclosed for your convenience.

If you have any questions regarding the construction, please contact John Ruckman, PE or Bryan Ford EI at Bartlett & West Engineers at (785) 272-2252. If you have any questions regarding the District's application, please feel free to call me at (316) 264-3400.

Sincerely,

Kansas Rural Water Finance Authority

A handwritten signature in cursive script that reads "Rose Mary Saunders".

Rose Mary Saunders
Senior Consultant

Enc.

