

August 27, 2008

Rose Mary Saunders, Kansas Rural Water Finance Authority
P.O. Box 3608
200 W. Douglas Avenue, Suite 600
Wichita, KS 67201-3608

Re: Rural Water District No. 2, Clay County, Kansas – Water System Improvements

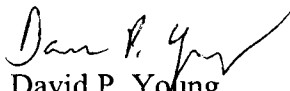
Dear Ms. Saunders,

The Kansas Geological Survey (KGS) has received your July 28, 2008 letter requesting us to review the above referenced project. The project will consist of developing a new well field approximately two miles west of the City of Longford, Kansas and installing 6" water line to tie into the existing well field. A new chlorination building will be constructed, including piping and wiring. The District has already completed the test hole drilling process.

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. According to Kansas administrative regulations, a Kansas licensed water well contractor should construct the wells in accordance with K.A.R. 28-30-5 (<http://www.kdheks.gov/waterwell/>). Questions regarding well construction should be referred to the KDHE Bureau of Water: (785) 296-5509. A completed agency review 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

Enclosure

cc: Dan Suchy, KGS Data Resources Library

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: PLEASE SEE COVER LETTER

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.

D. Young KG5 8/27/08
Reviewer's Name Division/Agency/Commission Date

Project Title: Public Water Supply Loan Fund Application

Applicant: Rural Water District No. 2, Clay County, Kansas

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

Address: P. O. Box 3608, 200 W. Douglas Avenue, Suite 600

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*

July 28, 2008

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

RE: Rural Water District No. 2
Clay County, Kansas
Water System Improvements
KWPCRF Project No. 2530

Dear Mr. Harrison:

Rural Water District No. 2, Clay County, Kansas is preparing an application to the Kansas Department of Health and Environment for a loan from the Kansas Public Water Supply Loan Fund for the water system improvements project.

The proposed project will consist of developing a new well field approximately two miles west of the City of Longford, Kansas and installing approximately 15,900' of 6" water line to tie into the new well field with the existing well field. A new chlorination building will be constructed including piping and wiring. Modifications will also be made to the telemetry system. The District has already completed the test hole drilling process.

A summary of the project costs are as follows:

Construction	\$ 320,000.00
Engineering (Design & Construction)	\$ 28,500.00
Inspection	\$ 20,815.00
Legal/Publications	\$ 1,000.00
Administration	\$ 5,000.00
Contingencies	\$ 20,685.00
SRF Loan Reserve	\$ 44,619.72
Loan Origination Fee	\$ 1,115.49
FIAC	\$ 4,461.97
Total Project Cost	\$ 446,197.18

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Kansas Geological Survey
July 28, 2008

The new well field is located in the northeast corner of the northeast quarter, northeast quarter, Section 24, Township 10 South, Range 1 West, Ottawa County, Kansas. The proposed pipeline will proceed east along the south side of Oxbow Road in Ottawa County and 4th Road in Clay County. At the intersection of RS 123 and 4th Road, the line will proceed north on the west side of the road to the existing well field. Latitude and Longitude for the new well field is 39°10'N and 97°22' West. The latitude and longitude of the existing well field is 39°10' N and 97°20' West. A USGS map is attached showing the new well field, the proposed transmission line route to the existing well field for your information.

The District has executed an agreement for the well site and is in the process of securing private easements to install the water line. Depending on the property owners' willingness to sign the easements, the exact alignment of the pipeline may change from the preliminary design. Any road and/or stream crossings will be directionally bored.

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 August 30, 2008 regarding this project. A Project Review Form has been enclosed for your convenience.

If you have any questions regarding the construction, please contact Mike Butler of Schwab-Eaton PA at (785) 539-4687. 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, reading "Rose Mary Saunders".

Rose Mary Saunders
Senior Consultant

Enc.

