

August 21, 2008

Rose Mary Saunders
Kansas Rural Water Finance Authority
P.O. Box 3608
Wichita, KS 67201-3608

Dear Ms. Saunders,

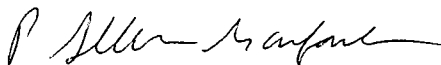
I have reviewed the proposed project to construct a booster pump station and making the related improvements for Rural Water District 1, Smith County, Kansas.

Based on the documents attached to your request, it does not appear that there are any potential geologic hazards worth noting that might impact this project.

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 questions please do not hesitate to contact me at my office (785 – 864-2068).

Sincerely yours,



P. Allen Macfarlane

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: See attached 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.

P. Allen Macfarlane KGS 8/21/08
Reviewer's Name Division/Agency/Commission Date

Project Title: Public Water Supply Loan Fund Application

Applicant: Rural Water District No. 1, Smith 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*

August 6, 2008

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

RE: Rural Water District No. 1
Smith County, Kansas
Water System Improvements
KWPCRF Project No. 2547

Dear Mr. Harrison:

Rural Water District No. 1, Smith 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 of constructing a new 80 GPM Booster Pump Station, installing telemetry controls at four sites (west and north water storage facilities, the well field and the new booster pump station), installing piping improvements including the installation of three 4" gate vales, connecting to the existing system and installing new electrical improvements.

The proposed project breakdown is as follows:

Construction:	\$189,100.00
Engineering:	\$ 20,800.00
Inspection:	\$ 9,500.00
Legal Fees:	\$ 6,800.00
Administration:	\$ 5,000.00
Contingencies:	\$ 18,800.00
SRF Loan Reserve:	\$ 28,169.01
Loan Origination Fee:	\$ 704.23
FIAC Fee:	<u>\$ 2,816.90</u>
Total Project Costs:	\$281,690.14

Page Two
Kansas Geological Survey
August 6, 2008

The proposed project is located in the following locations which are also shown on the attached Map:

New Booster Pump Station Site: SE/4, SE/4, Section 15, T1S, R13W, Smith County, Kansas.
Approximate latitude and longitude of site: 39°54'43.90"N and 98°47'10.74"W. Elevation 1943'.

West Water Storage Facility: Half Section Line, Section 22, T1S, R15W, Smith County, Kansas
Approximate latitude and longitude of the site: 39°56'40.91"N and 98°59'52.65" W. Elevation 2141'

North Water Storage Facility: SW/4, Section 15, T1S, R13W, Smith County, Kansas.
Approximate latitude and longitude of site: 39°57'45.38"N and 98°45'46.11"W. Elevation 2037'.

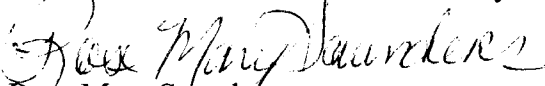
Well Field: West Half, Section 10, T2S, R12W, Smith County, Kansas. Approximate latitude and longitude: 39°53'17.75"N and 98°40'18.30"W. Elevation 1963'.

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 September 8, 2008 regarding this project. A Project Review Form has been enclosed for your convenience. Also if you wish to reply by e-mail, my e-mail address is rsaunders@ransonfinancial.com.

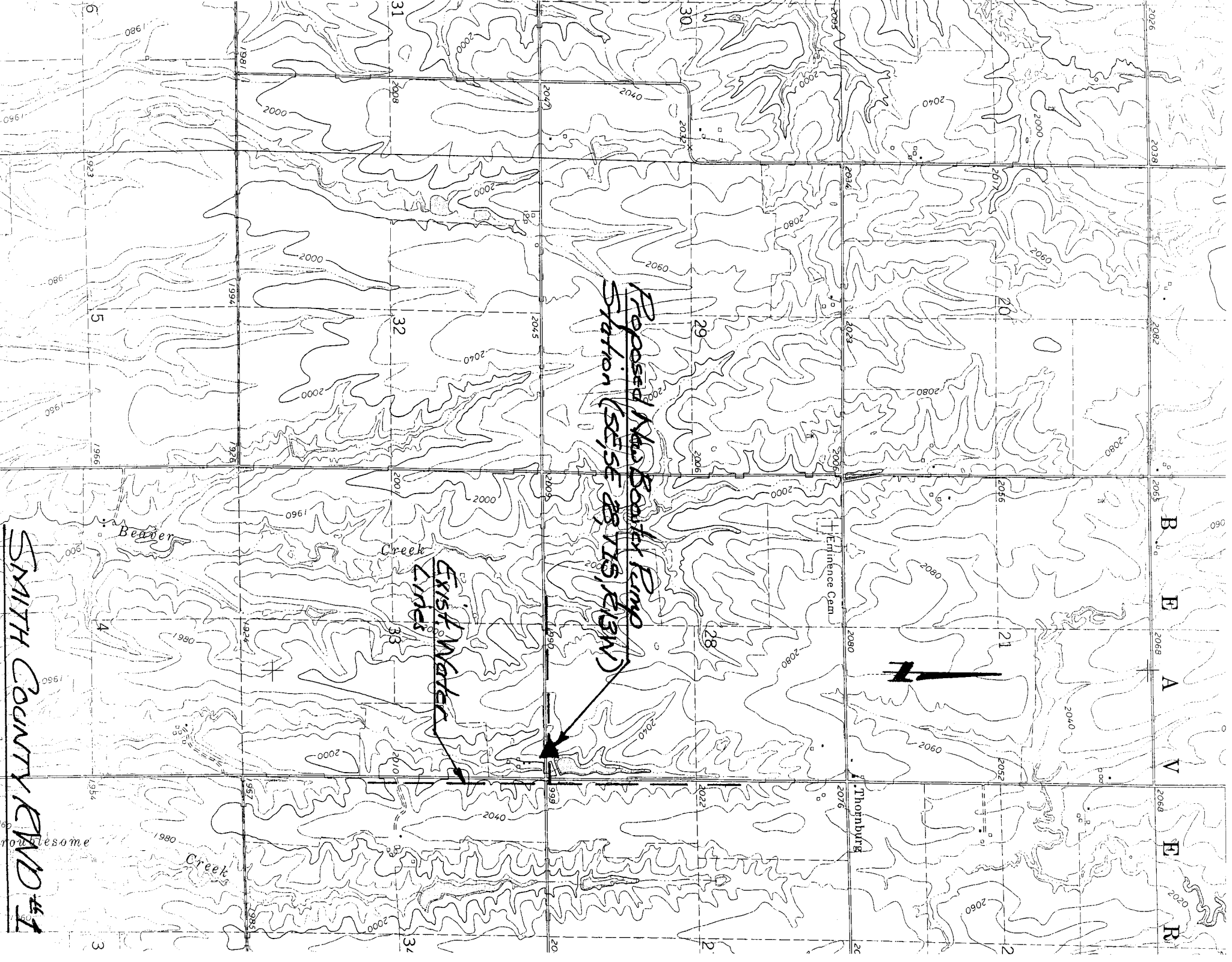
If you have any questions regarding the construction, please contact Chris Cox, PE of Schwab-Eaton, PA at (785) 539-4687. If you have any questions regarding the District's application, please feel free to call me at (316) 264-3400.

Sincerely,

Kansas Rural Water Finance Authority

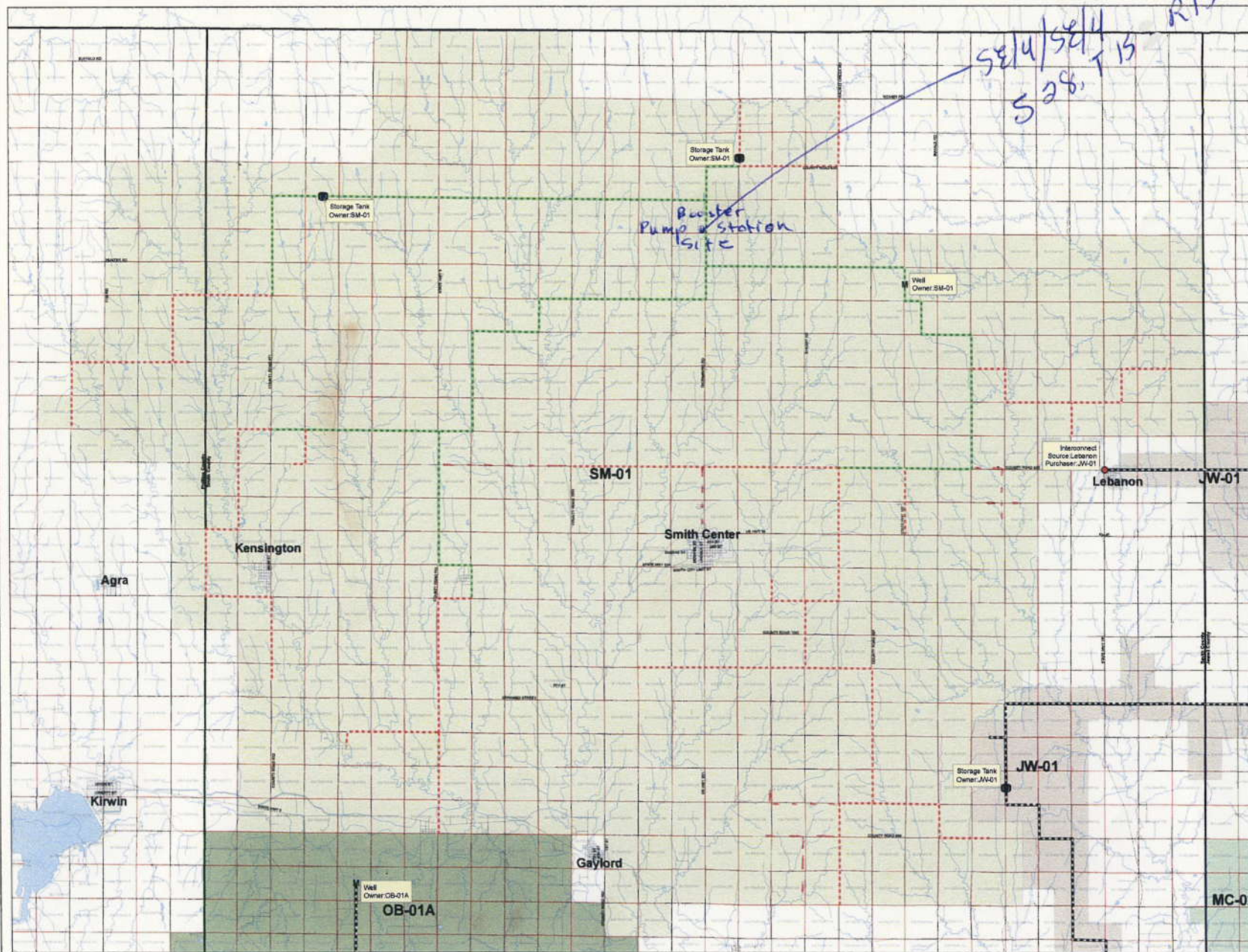

Rose Mary Saunders
Senior Consultant

Enc.



SMITH COUNTY RWD #1

Smith RWD #01



Legend

- Interconnects
- Pump
- Storage Tank
- Surface Intake
- Treatment Facility
- Well

Mainline Diameter

- Pipelines Outside of Study Area
- Less than 4 inch
- 4 to 6 inch
- Greater than 6 inch

Roads
Streams
PLSS
County Boundary
City Boundary
Lakes

0 1 2 4 Miles

+

Locator Map: Study Area



Smith RWD #01
November 2005