

August 14, 2007

Todd J. Anderson
Bucher, Willis & Ratliff Corporation
2335 E. Crawford St
Salina, KS 67401-3713

Dear Mr. Anderson,

I have reviewed the proposed project for the City of Woodston water supply system, including conversion of a well permitted for irrigation to public water supply use.

The following concerns should be addressed in the final application. The only geologic hazard worth noting relates to water quality protection. Most irrigation wells have a minimal protective seal near the top and typically are gravel-packed throughout most of their length. With this construction, it would be easy for contaminants to seep from the surface into the gravel pack and eventually into the well. Since the well was used for irrigation and is situated near fields used for cropping, there is a potential for nitrate or pesticide/herbicide contamination. From the brief description of the project it does not appear that any advanced treatment process is contemplated that might remove these contaminants other than chlorination. On another note, I assume that the City will make formal application to the Division of Water Resources, Kansas Board of Agriculture, for a change of use of the well from agricultural to public water supply.

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

AGENCY REVIEW TRANSMITTAL FORM

Comments by: Kansas Geological Survey - University of Kansas
West Campus
1930 Constant Avenue
Lawrence, KS 66047-3726

Transmittal Date: July 30, 2007

PROJECT TITLE: Woodston, KS - Water Supply &
Distribution System Improvements
CONTACT PERSON: Todd Anderson, P.E.
785.827.3603

☐ Notification of Intent
☒ Preapplication
☐ Final Application
☐ Direct Development

This form provide 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:
Todd Anderson, P.E.
BWR
2335 E. Crawford Street
Salina, KS 67401

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	☒ Bureau of Indian Affairs
☒ Commerce	☐ Social & Rehab Services	☒ U.S. Army Corps of Engineers
☒ Northwest Planning & Development	☒ Natural Resources Conservation	☒ U.S. E.P.A.
☒ U.S. Dept. of Interior, Fish & Wildlife		

PART II

(To be completed by review agency and returned to contact person)

AGENCY REVIEW COMMENTS

COMMENTS:

See attached letter

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

DIVISION/AGENCY/COMMISSION

Reviewer's Name:

P. Allen Macfarlane

Date:

8/17/07

July 30, 2007

BWR

MacFarlane

Lee Allison, Director
Kansas Geological Survey - University of Kansas
University of Kansas, West Campus
1930 Constant Avenue
Lawrence, KS 66047-3726

Re: Environmental Review
Water Supply & Distribution System Improvements
City of Woodston, Kansas
BWR Project No. 2007-0517.00

To Whom It May Concern:

The City of Woodston is preparing applications to Rural Development for financial assistance to make improvements to its public water supply system. The project involves converting an irrigation well to a public supply well and installation of a new transmission line and new chlorination building. All of the improvements and construction should be within the existing wastewater treatment facility area. The enclosed map provides the location of the project and facility. For more specific information please contact me at (785) 827-3603.

Please provide written comments (enclosed form and/or letter) to this office within 30 days of the date of this letter concerning any environmental issues regarding the proposed project. We would appreciate a response from your office regardless if environmental concerns exist. However, if we do not receive a response from your office, we will interpret the non-response as your office having no concerns or comments regarding the project and will proceed accordingly.

A project review form is enclosed for your use.

Sincerely,

BUCHER, WILLIS & RATLIFF CORPORATION

Todd J. Anderson

Todd J. Anderson, P.E.
V.P., Project Manager
Environmental Engineering

CRL/saa/ds

Enclosure(s)



PROPOSED NEW
CHLORINATION
BUILDING

NEW WELL

NEW PIPELINE

EXISTING WELL
TO BE ELIMINATED

CITY
WOOD

HWY 24

OF
STON

N

500 0 500 1000
HOR. scale in Feet

